

- LIFE SAFETY PLAN LEGEND**
- EXIT SIGN
 - EMERGENCY LIGHTS, REFER TO ELECTRICAL DWGS FOR EXACT LOCATIONS, TYPES, AND QUANTITIES
 - FIRE EXTINGUISHER, VERIFY LOCATIONS, TYPE, AND QUANTITIES W/ LOCAL FIRE INSPECTOR. FIRE EXTINGUISHERS SHALL BE 10LB - 4A:80-B:C MULTI-PURPOSE TYPE (PUBLIC AREAS, IN RECESSED CABINETS)
 - FIRE EXTINGUISHER, VERIFY LOCATIONS, TYPE, AND QUANTITIES W/ LOCAL FIRE INSPECTOR. FIRE EXTINGUISHERS SHALL BE 2.5 GALLON 2A:K CLASS K-WET CHEMICAL EQUAL POTTER ROEMER MODEL 3262
 - TACTILE EXIT SIGN (SEE DETAIL)
 - POINT OF EXIT DISCHARGE
 - OCCUPANT LOAD SIGN AS PER IBC 1004.3

MAX. EXIT TRAVEL DISTANCE **PATH A** = 69'-0"
 MAX. EXIT TRAVEL DISTANCE **PATH B** = 68'-6"

MAX EXIT ACCESS TRAVEL DISTANCE ALLOWABLE = 250 FT

FARTHEST DIAGONAL DISTANCE = 112.44'
 REMOTENESS REQUIRED = 112.44' / 3 = 37.48'
 REMOTENESS PROVIDED = 67.83'

| IBC OCCUPANT LOAD CHART | | | | |
|---|-------------------------------|----------------------------|-----------------------|------------|
| PROJECT: NAME: OAK HOUSE ADDRESS: 5130 BIGELOW BLVD, PITTSBURGH, PA 15213 | | | | |
| ROOM OR SPACE | AREA SQ. FT. OR LENGTH IN FT. | AREA OR DIM PER BLDG. CODE | TABULAR OCCUPANT LOAD | |
| 1. ENTRY / BAR / BAR SEATING | | | | |
| UNCONCENTRATED (TABLES AND CHAIRS) | 220 | SQ. FT | 15 | 15 |
| CONCENTRATED (CHAIRS) | 82 | SQ. FT | 7 | 12 |
| KITCHEN | 96 | SQ. FT | 200 | 1 |
| TOTAL ENTRY, BAR, BAR SEATING | | | | 28 |
| 2. DINING A | | | | |
| UNCONCENTRATED (TABLES AND CHAIRS) | 60 | SQ. FT | 15 | 4 |
| BANQUETTE - FIXED SEATING | SEE PLAN | LINEAR FT. | 1.5 | 26 |
| TOTAL DINING A | | | | 30 |
| 3. DINING B | | | | |
| UNCONCENTRATED (TABLES AND CHAIRS) | 78 | SQ. FT | 15 | 6 |
| BANQUETTE - FIXED SEATING | SEE PLAN | LINEAR FT. | 1.5 | 59 |
| TOTAL DINING B | | | | 65 |
| 4. BACK OF HOUSE | | | | |
| KITCHEN | 383 | SQ. FT | 200 | 2 |
| STORAGE (LOWER LEVEL) | 247 | | 300 | 1 |
| TOTAL BACK OF HOUSE | | | | 3 |
| TOTAL INTERIOR | | | | 126 |
| 5. PATIO AREA | | | | |
| UNCONCENTRATED (TABLES AND CHAIRS) | 322 | SQ. FT | 15 | 22 |
| TOTAL PATIO | | | | 22 |
| TOTAL EXTERIOR | | | | 22 |
| GRAND TOTAL | | | | 148 |



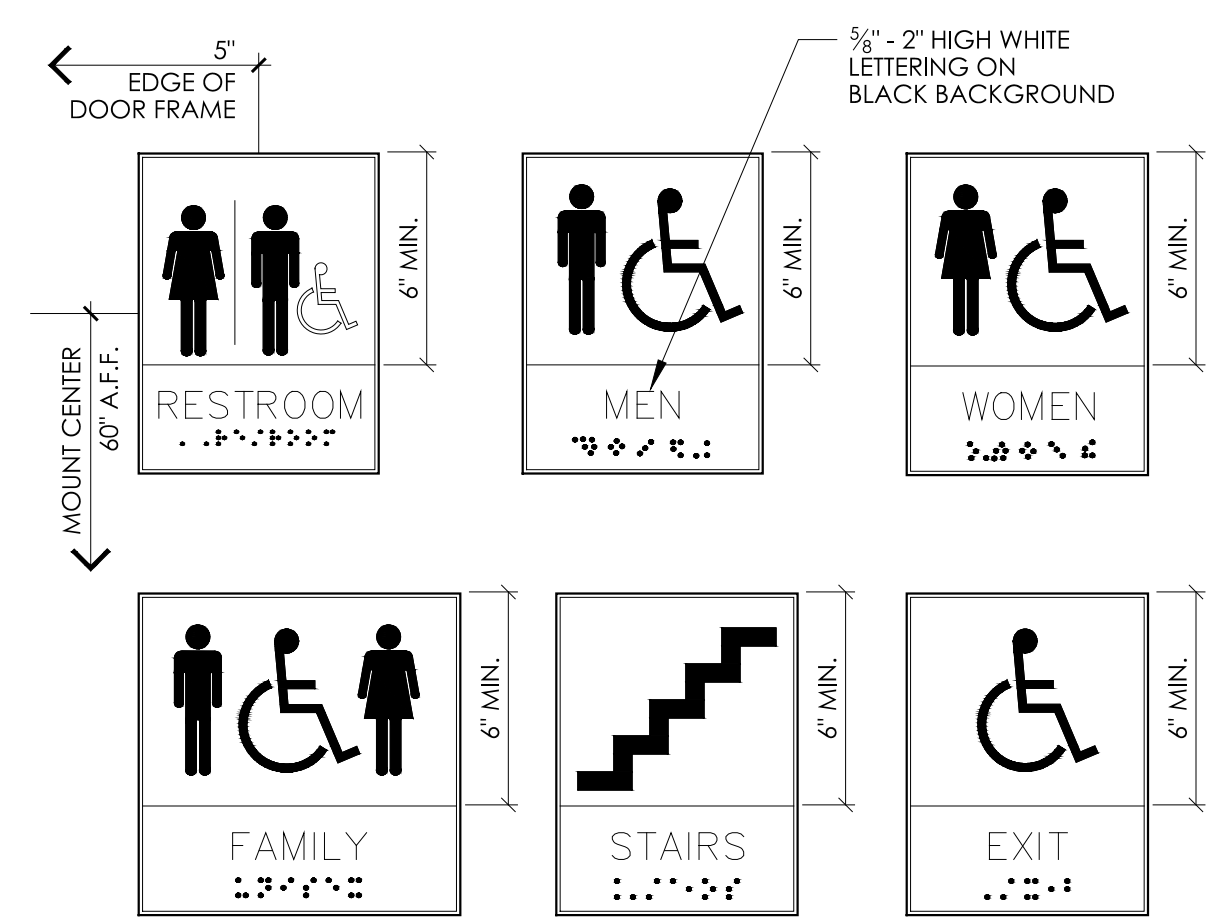
| MARK | DATE | DESCRIPTION |
|----------|-------------------|-------------|
| 09/27/24 | ISSUED FOR PERMIT | |
| 04/01/22 | ISSUED FOR BIDS | |
| 02/28/22 | ISSUED FOR REVIEW | |
| 02/09/22 | CLIENT REVIEW SET | |
| ISSUED | | |

OAK HOUSE
 5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

PROJECT NO: 3530
 CAD DWG FILE: 3530 - THE OAK HOUSE HOTEL - WINE BAR - MEETING ROOMS - ZEROL - 3/20/24 - 01 - LIFE SAFETY PLAN
 DRAWN BY: -
 CHKD BY: -
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3/300 - THE OAK HOUSE HOTEL - WINE BAR - MEETING ROOMS - ZEROL - 3/20/24 - 01 - LIFE SAFETY PLAN - AUTOCAD PLOT GENERAL DOCUMENTATION PLOT KNAUER AEC STANDARDS 1/19/2020 11/28/22

1 LIFE SAFETY PLAN
 1/4" = 1'-0"

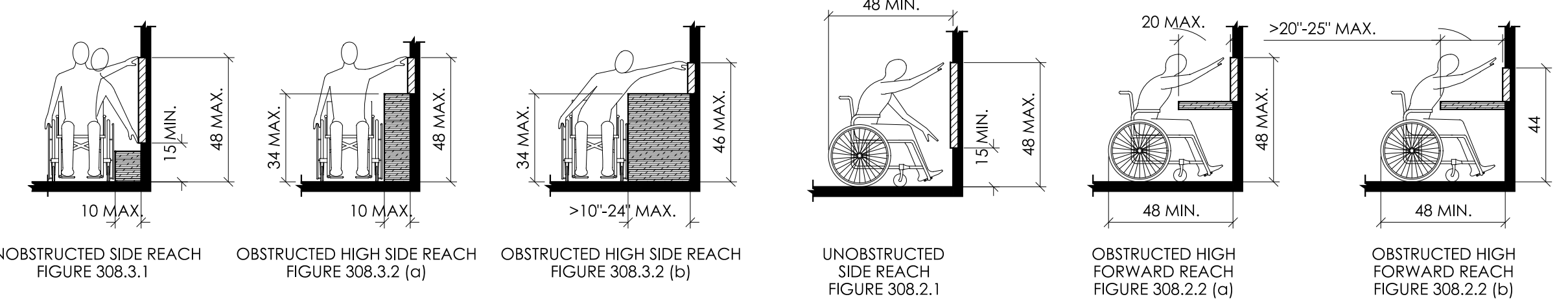


PROVIDE (1) SIGN PER TOILET COMPLYING WITH ANSI Z39.5 SECTION 7.03. SIGN TO HAVE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY. MOUNT 5" TO CENTERLINE A.F.F.
BLACK PLASTIC (FIELD) BACKGROUND W/ WHITE RAISED OR DEPRESSED EMBLEMS (NOTE: EMBLEMS & LETTERING MUST BE RAISED OR DEPRESSED MIN. 1/32" TYPICAL)



ACCESSIBILITY SIGNAGE

SCALE: N.T.S.

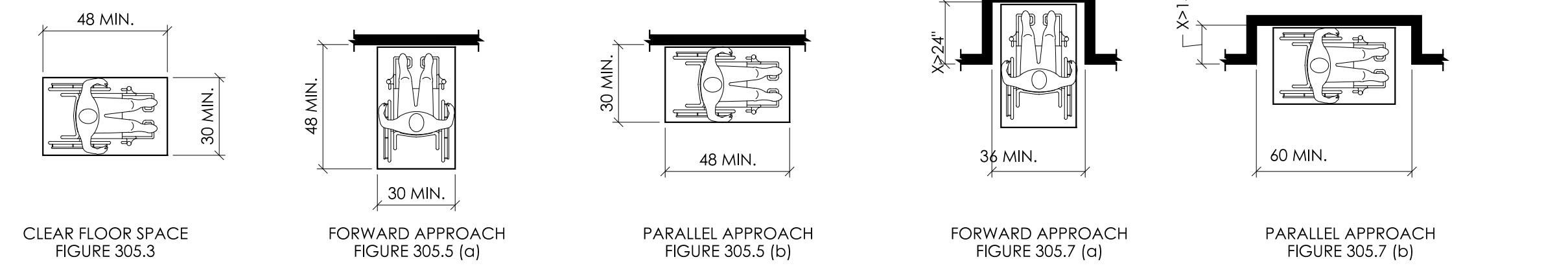


SIDE REACH

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

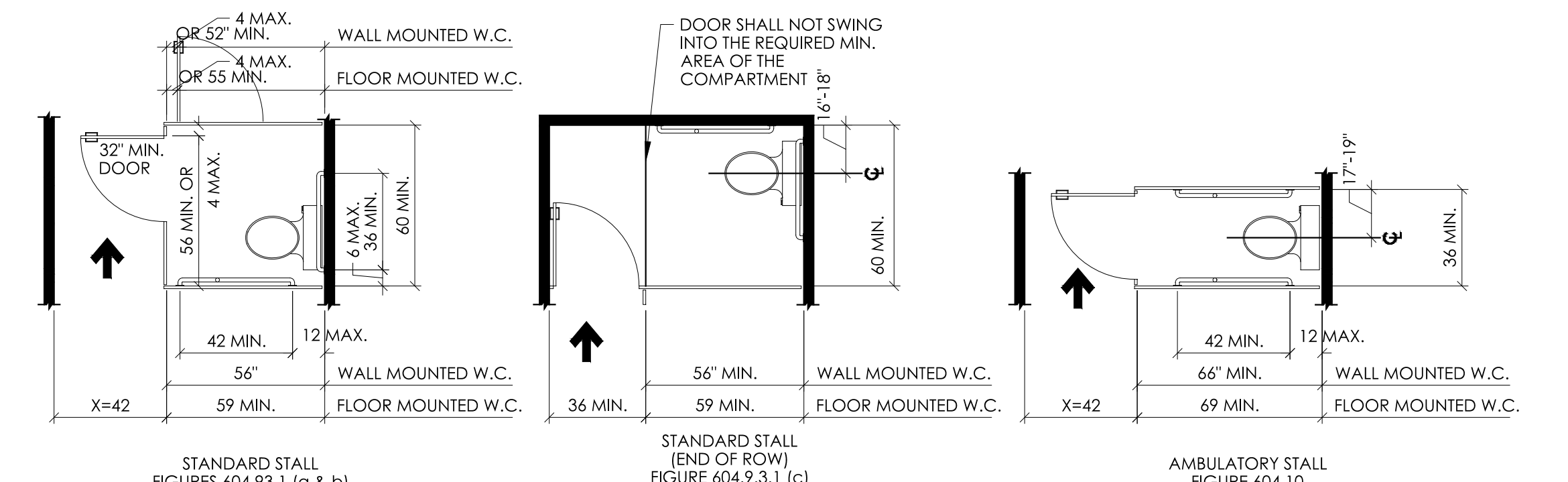
FORWARD REACH

SCALE: N.T.S.



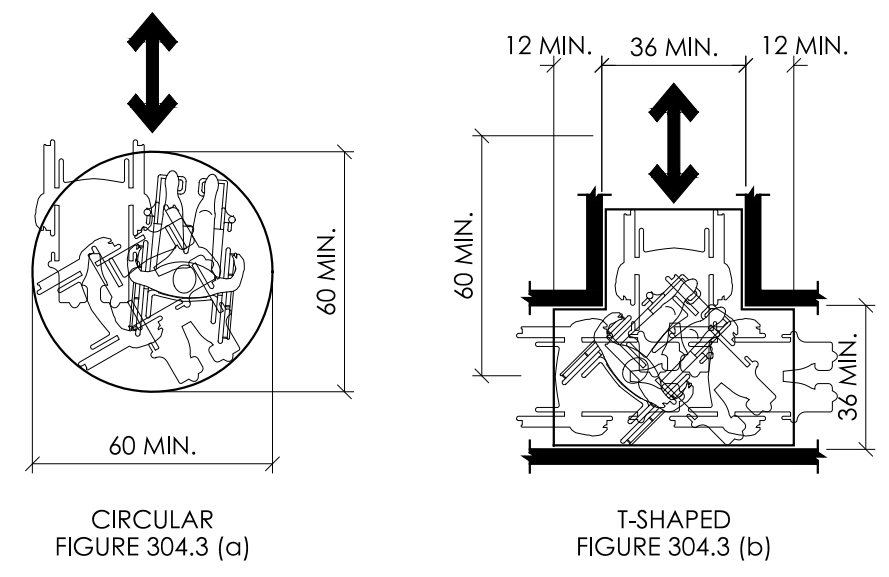
MINIMUM CLEAR FLOOR SPACE FOR WHEELCHAIRS

SCALE: N.T.S.



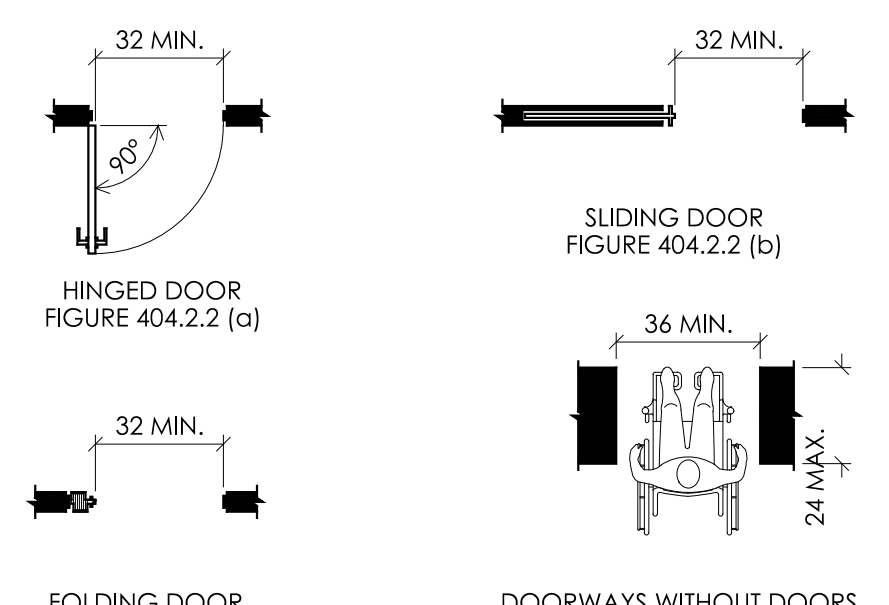
TOILET STALLS

SCALE: N.T.S.



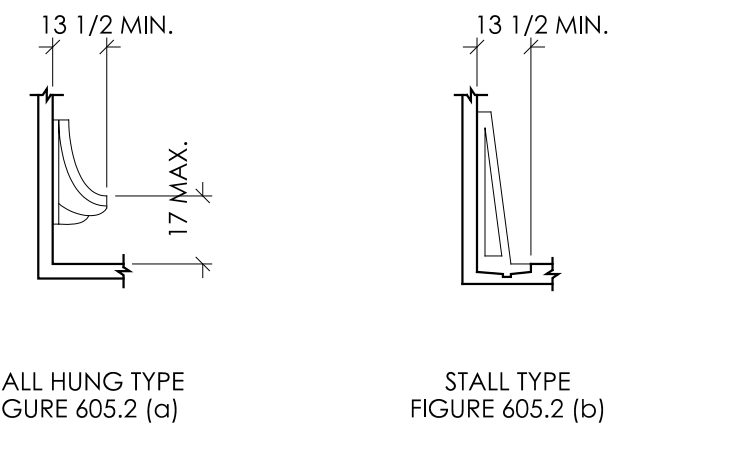
WHEELCHAIR TURNING

SCALE: N.T.S.



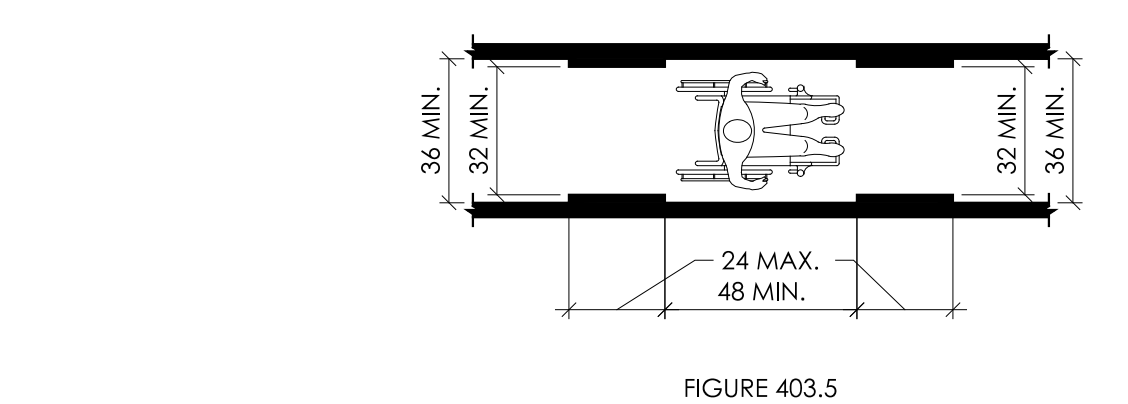
CLEAR DOORWAY WIDTH & DEPTH

SCALE: N.T.S.



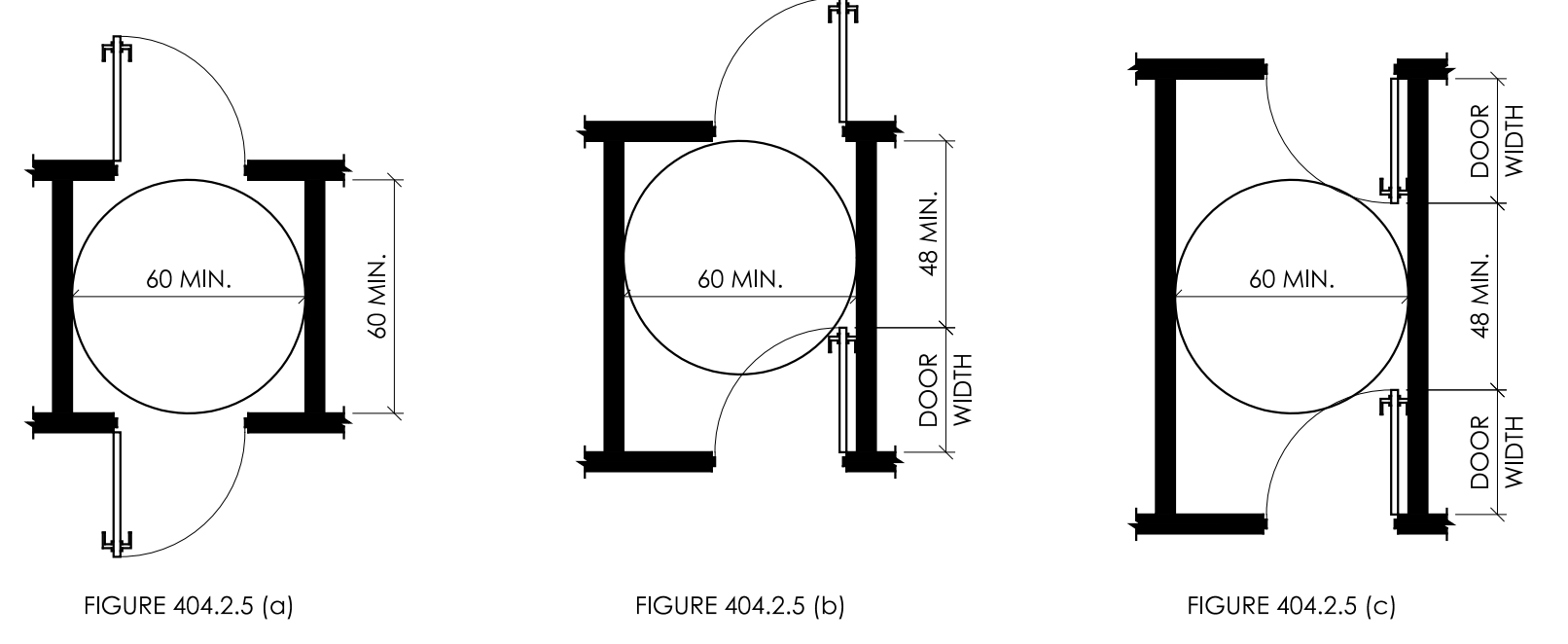
URINAL CLEARANCES

SCALE: N.T.S.



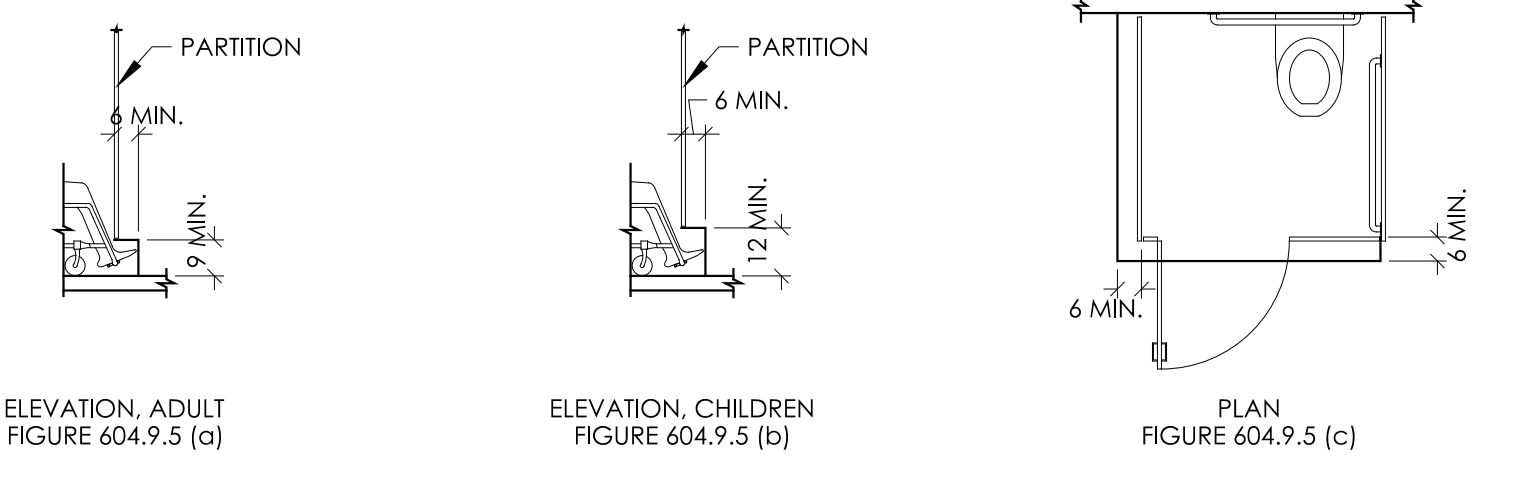
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

SCALE: N.T.S.



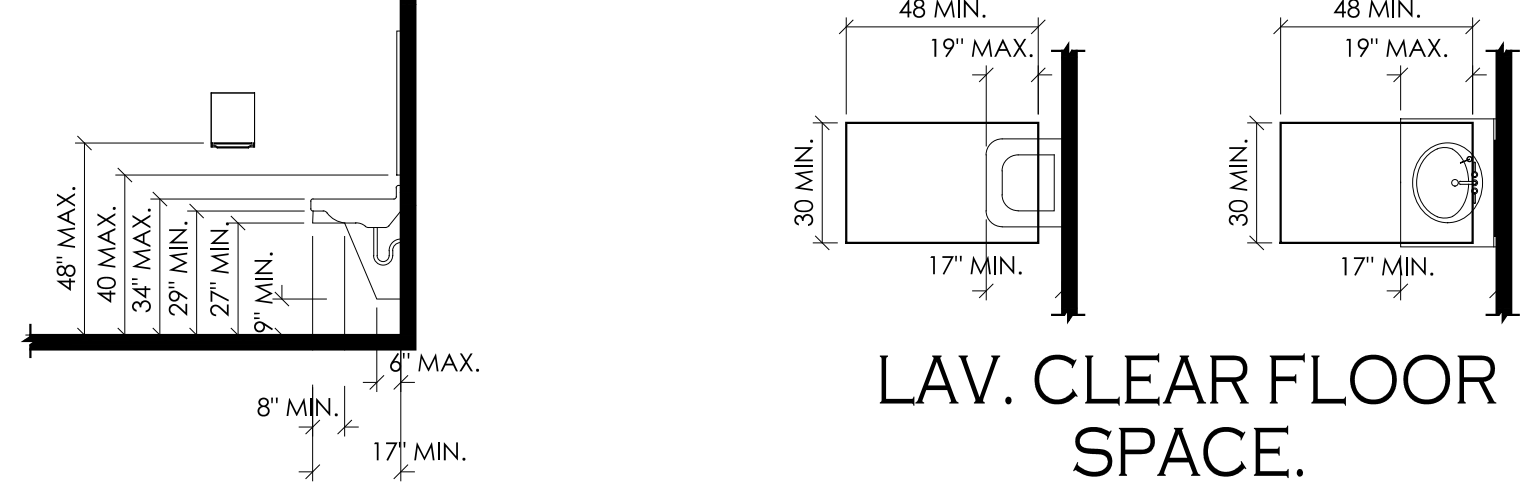
TWO HINGED DOORS IN SERIES

SCALE: N.T.S.



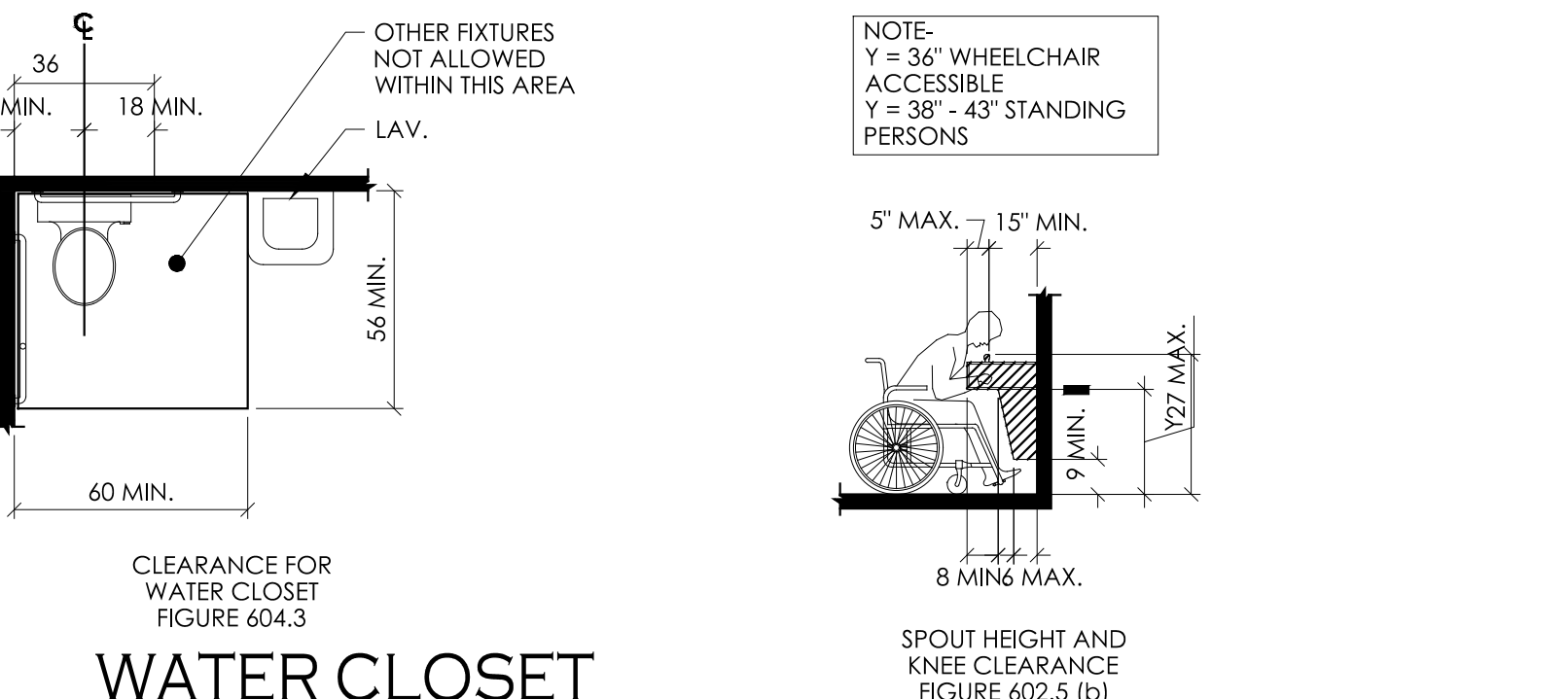
TOILET STALLS, CLEAR HEIGHT

SCALE: N.T.S.



LAV. CLEARANCES

SCALE: N.T.S.

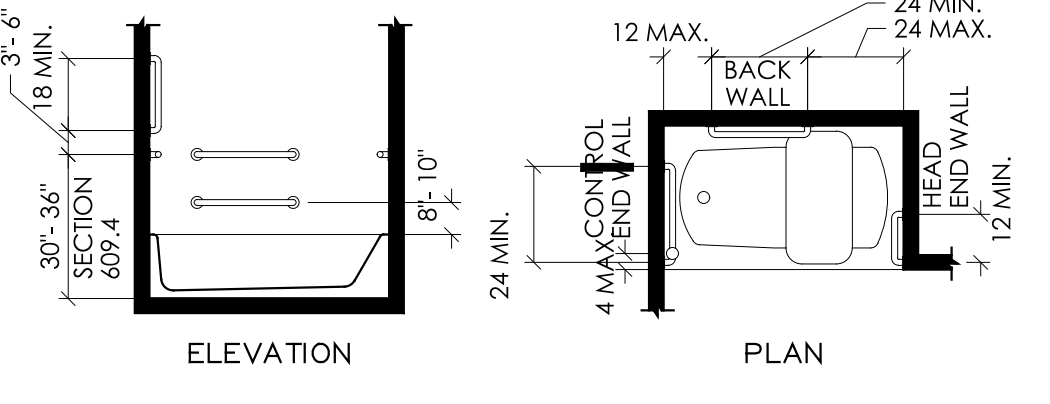


WATER CLOSET CLEAR FLOOR SPACE

SCALE: N.T.S.

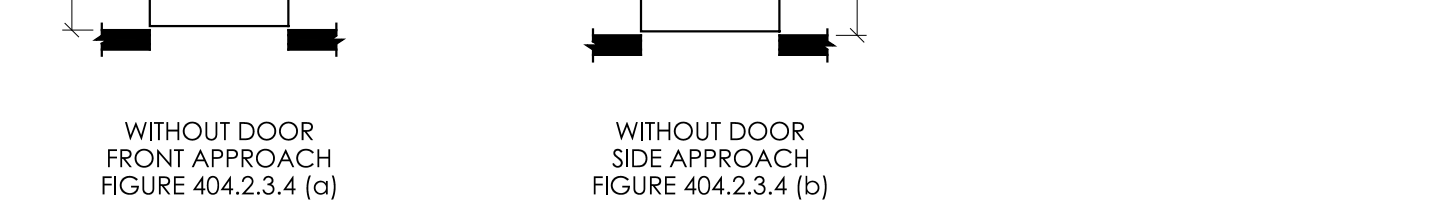
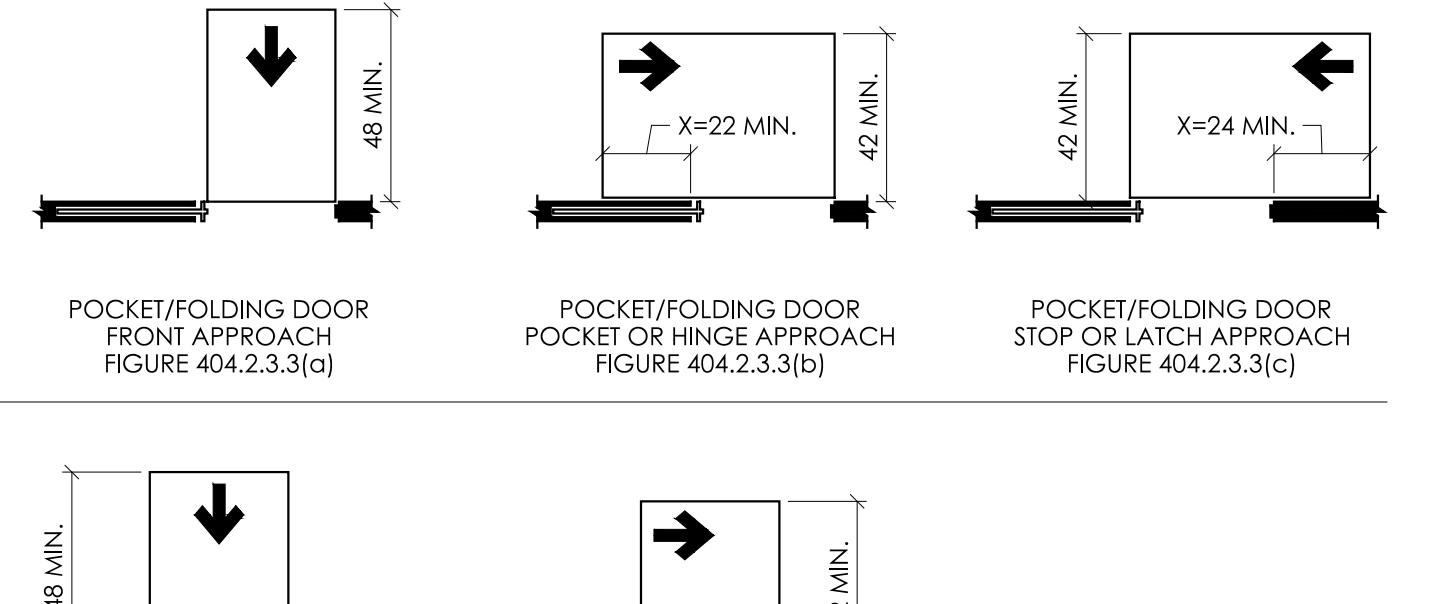
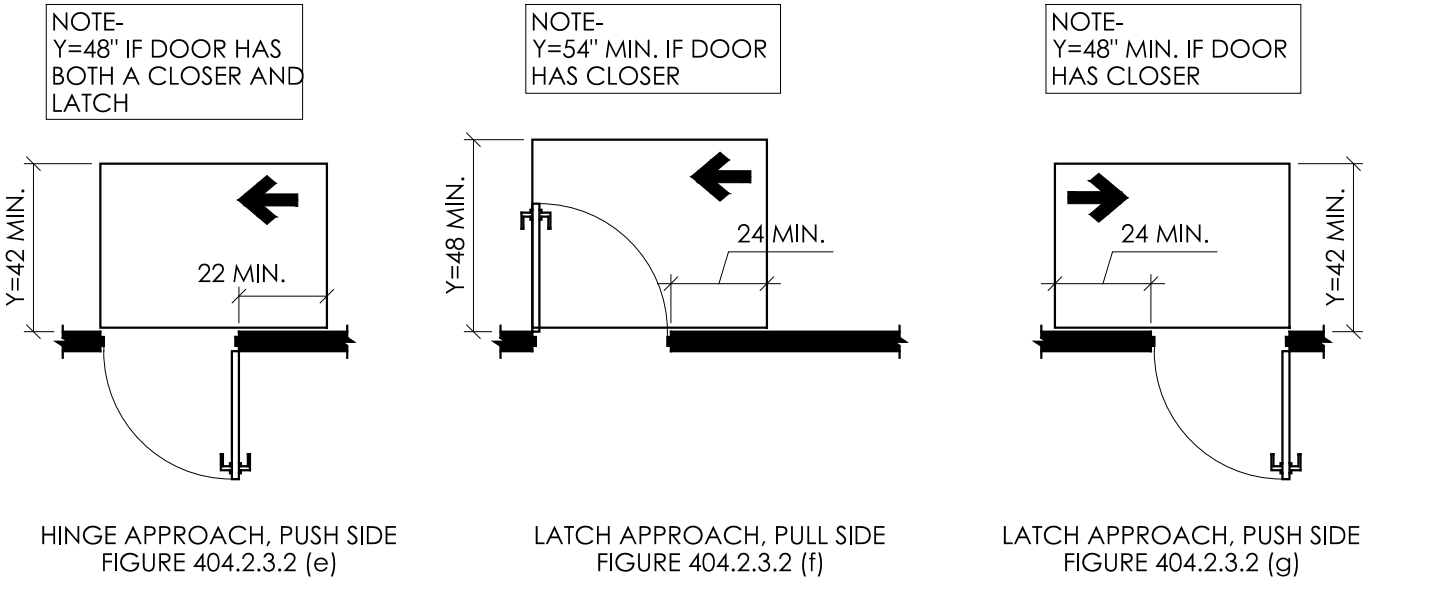
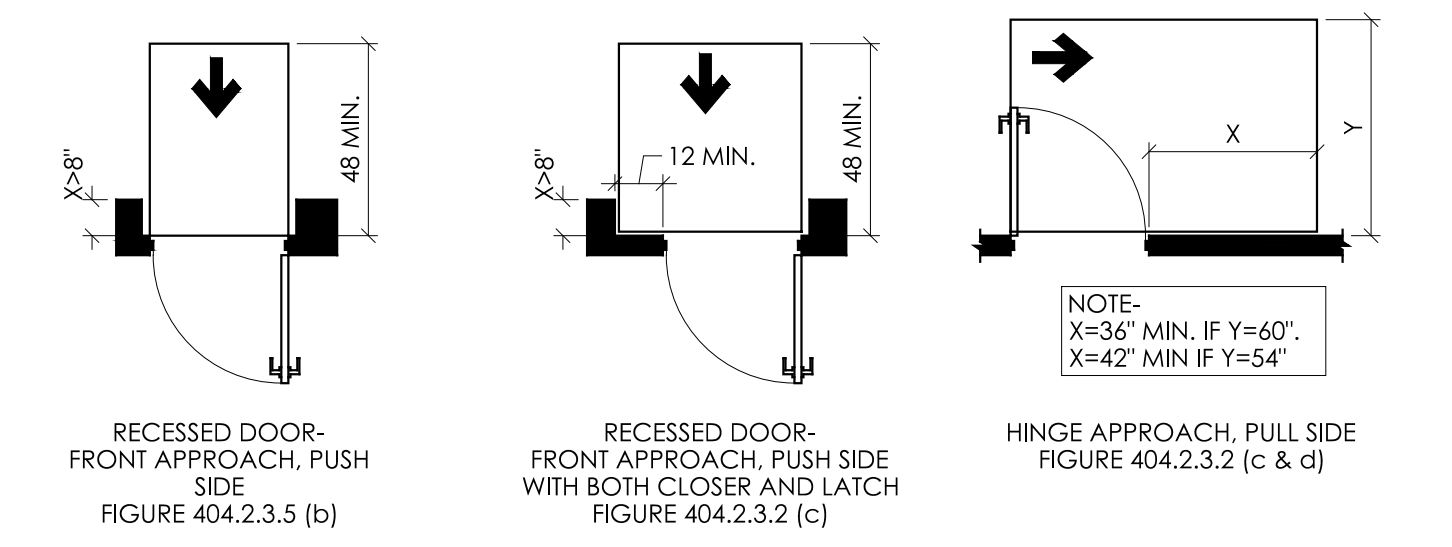
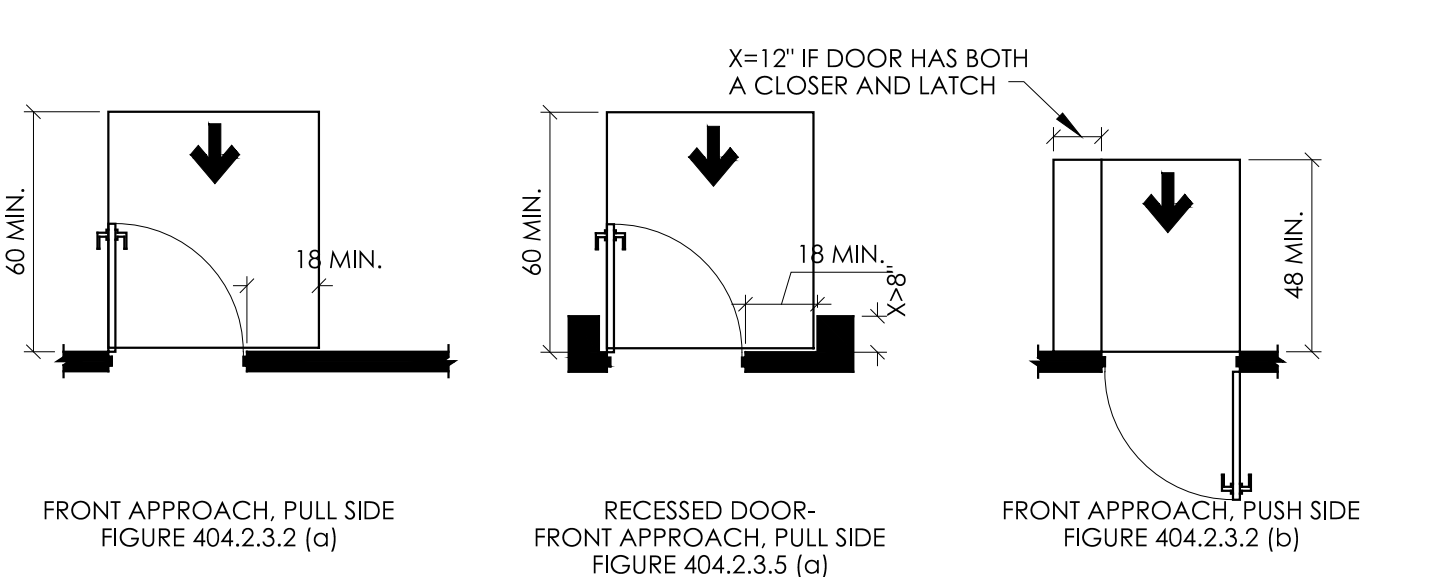
GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEATS

SCALE: N.T.S.



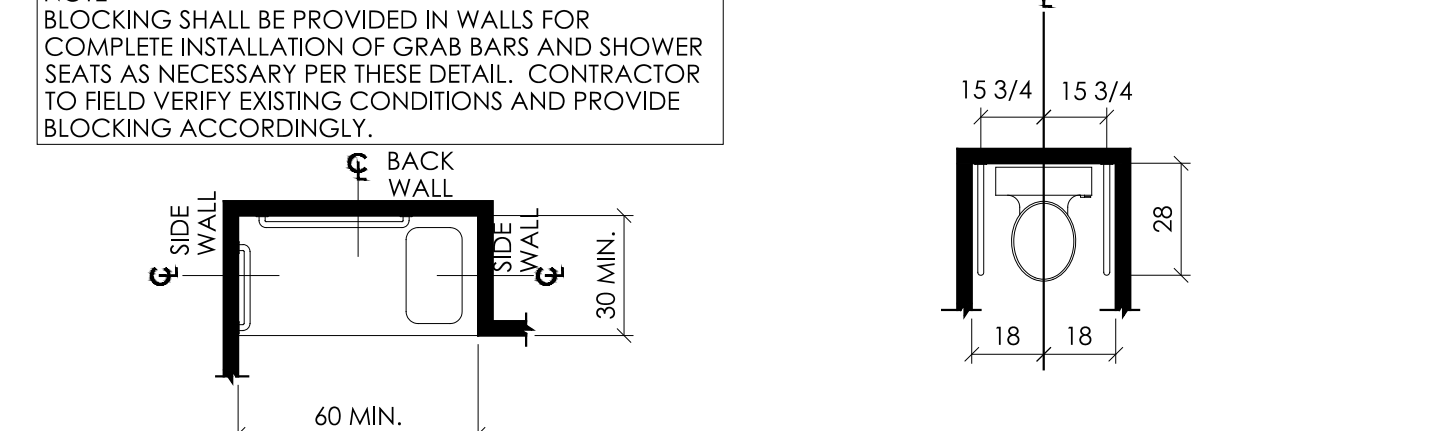
WATER CLOSET GRAB BARS

SCALE: N.T.S.



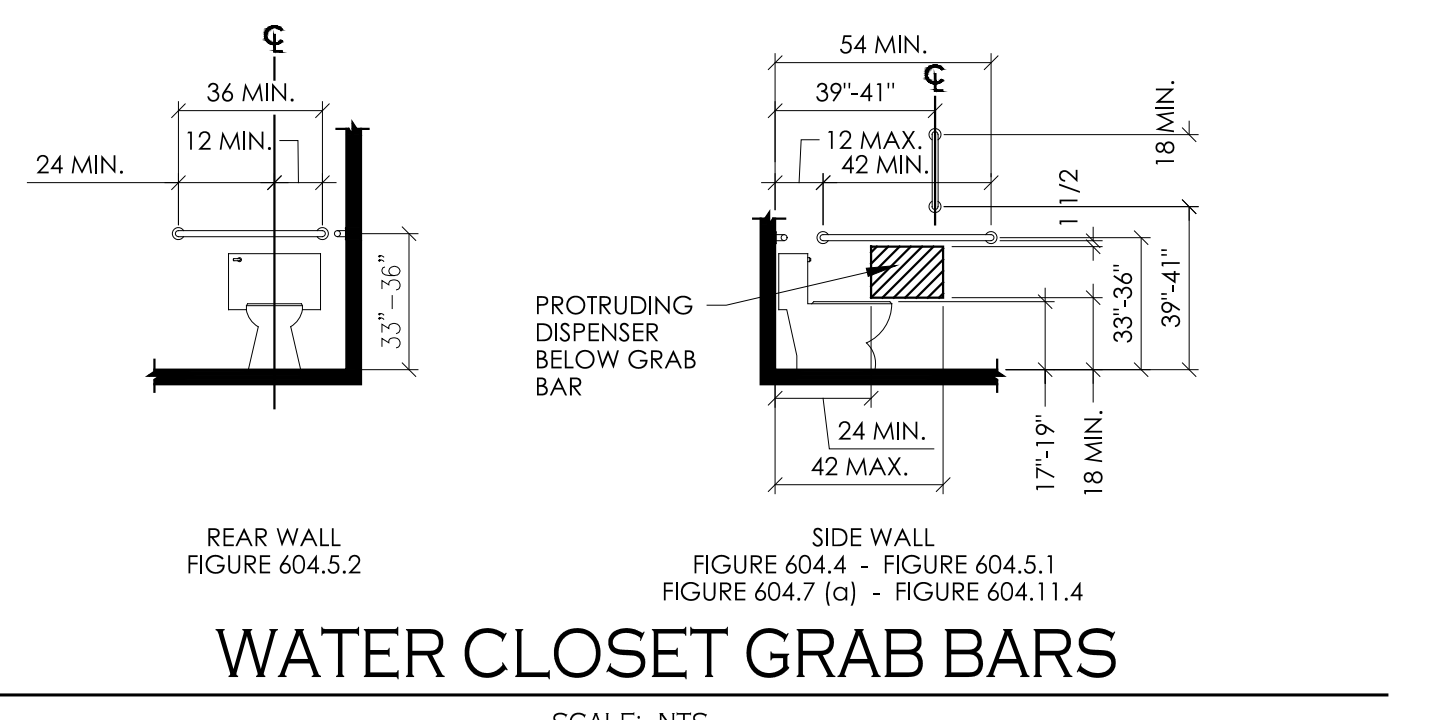
MANEUVERING CLEARANCES AT DOORS

SCALE: N.T.S.



ROLL-IN-TYPE SHOWER COMPARTMENT SWING-UP BAR FOR WATER CLOSET

SCALE: N.T.S.



WATER CLOSET GRAB BARS

SCALE: N.T.S.



9/27/2024

| MARK | DATE | DESCRIPTION |
|--------|------|-------------|
| ISSUED | | |

OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

| | |
|---------------|---|
| PROJECT NO: | 5530 |
| CAD DWG FILE: | 03030 - THE OAKWOOD HOTEL/CA2020 - WIRE BAR/SHOWER/STAIRS/GENERAL ACCESSIBILITY DIAGRAM.DWG |
| DRAWN BY: | |
| CHKD BY: | |
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ACCESSIBILITY DIAGRAMS

G-004

E:\3030 - THE OAKWOOD HOTEL\CA2020 - WIRE BAR/SHOWER/STAIRS/GENERAL ACCESSIBILITY DIAGRAMS.DWG JACOB THOMPSON - AUTOCAD PLOT (GENERAL DOCUMENTATION)\PCS\KNAUER_AES_STANDARDS\FB 11x17 09/27/2024 11:28:41

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
 BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

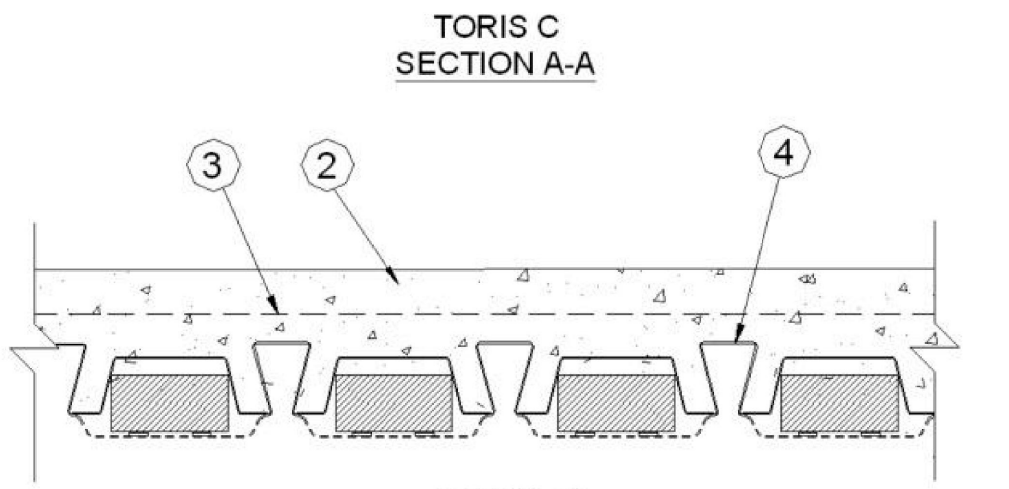
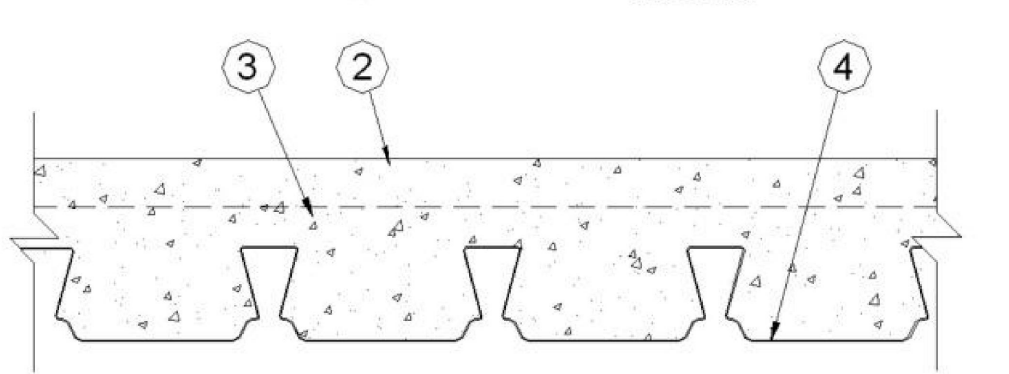
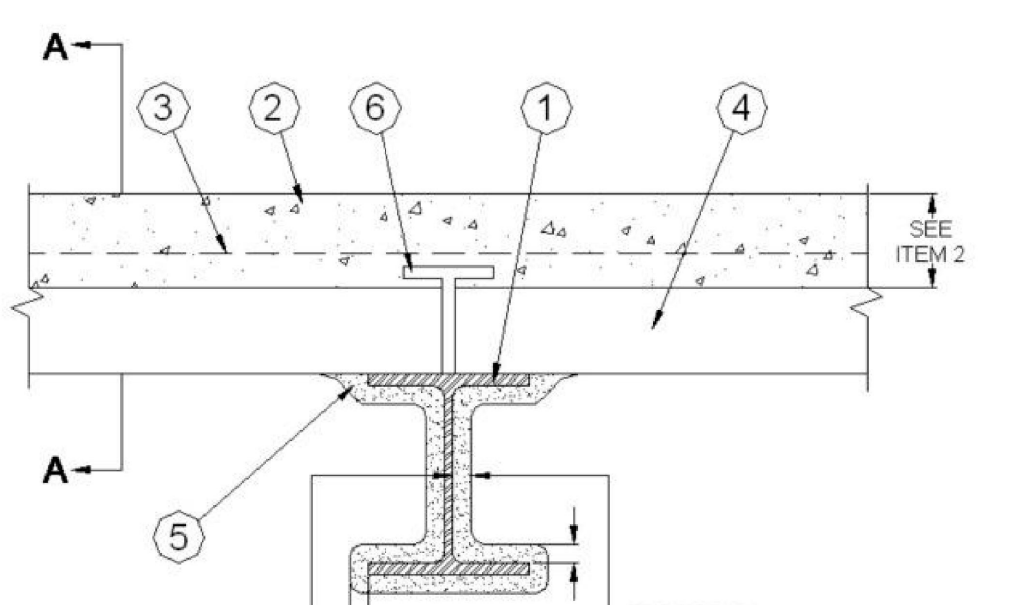
See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States
 Design Criteria and Allowable Variances
 See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
 Design Criteria and Allowable Variances

Design No. D971

October 20, 2017
Restrained Assembly Rating - 1, 1-1/2, 2 and 3 Hr. (See Items 2 and 5)
Unrestrained Assembly Rating - 3/4 and 1-1/2 Hr. (See Item 4)
Unrestrained Beam Rating - 1, 1-1/2 Hr. (See Item 5)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Beam** - W10x29 or W10x30, min size. (See Item 6).
 2. **Normal Weight or Lightweight** - Normal weight concrete, carbonate or siliceous aggregate, 147 to 153 pcf unit weight, 3500 psi compressive strength. Lightweight concrete, expanded shale, clay or slate aggregate by dry mix method or aggregate dry or flyash aggregate by inter-graded method, 107 to 113 pcf unit weight, 3000 psi compressive strength.

Type Toris C

| Restrained Assembly Rating Hr | Concrete (Type) | Concrete Thkns. In. |
|-------------------------------|-----------------|---------------------|
| 1 | Normal Weight | 4-1/2 |
| 1 | Lightweight | 4-1/2 |
| 1-1/2 | Normal Weight | 5 |
| 1-1/2 | Lightweight | 4-1/2 |
| 2 | Normal Weight | 5-1/2 |
| 2 | Lightweight | 4-3/4 |
| 3 | Normal Weight | 6-3/4 |
| 3 | Lightweight | 5-1/2 |

Type Toris CA

| Restrained Assembly Rating Hr | Concrete (Type) | Total Slab Thkns. In. |
|-------------------------------|-----------------|-----------------------|
| 1 | Normal Weight | 6-1/4 |
| 1 | Lightweight | 5 |
| 1-1/2 | Normal Weight | 6-3/4 |
| 1-1/2 | Lightweight | 5-1/2 |
| 2 | Normal Weight | 7 |
| 2 | Lightweight | 5-3/4 |
| 3 | Normal Weight | 7-3/4 |
| 3 | Lightweight | 6-3/4 |

3. **Welded Wire Fabric** - 6 x 6 - W1.4 x W1.4.
 4. **Steel Floor or Form Units** - Composite 2-1/2 in. deep, 24 in. wide, 22 M50 min galv fluted units. Welded or mechanically attached to supports 12 in. OC max. Adjacent units secured or welded together 36 in. OC at joints. For composite slab clear spans not more than 10 ft, the Unrestrained Assembly Rating is 1-1/2 Hr.
 EPC METALS CORP - Types Toris C, Toris CA

5. **Spray Applied Fire Resistive Materials** - Applied by mixing with water and spraying in more than one coat to steel beam surfaces which are clean and free of dirt, loose scale, and oil. Min average and min individual density of 15 and 14 pcf, respectively. Min avg and min ind density of 19/18 pcf, respectively for Type TGP and 7HD. For method of density determination, see Design Information Section, Sprayed Material.

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1 | 1 | 1 | 1/2 |
| 1-1/2 | 1 | 1 | 1/2 |
| 1-1/2 | 1-1/2 | 1-1/2 | 13/16 |
| 2 | 1 | 1 | 1/2 |
| 2 | 2 | 2 | 1-1/16 |
| 3 | 1-1/2 | 1-1/2 | 13/16 |
| 3 | 3 | 3 | 1-9/16 |

The thickness of Spray Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced by 1/2 that shown in the table.

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1 | 1 | 1 | 9/16 |
| 1-1/2 | 1 | 1 | 9/16 |
| 1-1/2 | 1-1/2 | 1-1/2 | 7/8 |
| 2 | 1 | 1 | 9/16 |
| 2 | 2 | 2 | 1-3/16 |
| 3 | 1-1/2 | 1-1/2 | 7/8 |
| 3 | 3 | 3 | 1-3/4 |

The thickness of Spray Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced by 1/2 that shown in the table and the beams are supporting all fluted floor or form units with lightweight concrete only.

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1 | 1 | 1 | 7/16+ |
| 1-1/2 | 1 | 1 | 7/16+ |
| 1-1/2 | 1-1/2 | 1-1/2 | 3/4 |
| 2 | 1 | 1 | 7/16+ |
| 2 | 2 | 2 | 1 |
| 3 | 1-1/2 | 1-1/2 | 3/4 |
| 3 | 3 | 3 | 1-9/16 |

* Thickness applied to beams' lower flange edge to be 1/4 in. min.
 The thickness of material required on the steel joist for the various ratings are shown in the following table:

| Restrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|-----------------------------|--|
| 1 | 1 | 1-1/8 |
| 1-1/2 | 1-1/2 | 1-3/4 |
| 2 | 2 | 2-1/4 |
| 3 | 3 | 2-7/8 |

ARABIAN VERMICULITE INDUSTRIES - Type MK-5
 GCP KOREA INC - Types MK-4/CF, MK-4/ED, MK-6/HY, MK-6, Monokote Acoustic 1
 PYROK INC - Type LD
 SOUTHWEST FIREPROOFING PRODUCTS CO - Types 4, 5, SF, SGP, SMD, TGP, 7HD, REF, RFP, BMD, 9EF, 9GP, 9MD
 GCP APPLIED TECHNOLOGIES INC - Types MK-4, MK-5, MK-6/HY, MK-6, RG, Monokote Acoustic 1

5A. **Spray Applied Fire Resistive Materials** - Applied by mixing with water and spraying in more than one coat to a final thickness as shown in the tables below to steel beam surfaces which are clean and free of dirt, loose scale, and oil. When fluted steel deck is used the area between the steel deck and the beams top flange shall be sprayed minimum average and minimum individual density of 19/18 pcf, respectively, for Types TGP, 7HD, 105. Min average and min individual density of 22/19 pcf, respectively, for Types 2-106, Z-106/G, Z-106/HY. For method of density determination, see Design Information Section, Sprayed Material.

The min thickness of Spray Applied Fire Resistive Materials required for various fire resistance ratings are shown in the table below:

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1 | 1 | 1 | 1/2 |
| 1-1/2 | 1 | 1 | 1/2 |
| 1-1/2 | 1-1/2 | 1-1/2 | 13/16 |
| 2 | 1 | 1 | 1/2 |
| 2 | 2 | 2 | 1-1/16 |
| 3 | 1-1/2 | 1-1/2 | 13/16 |
| 3 | 3 | 3 | 1-9/16 |

The thickness of Spray Applied Fire Resistive Materials shown in the table below are applicable when the beams are supporting all fluted floor or form units with lightweight concrete only.

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1 | 1 | 1 | 7/16+ |
| 1-1/2 | 1 | 1 | 7/16+ |

| Restrained Assembly Rating Hr | Unrestrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|---------------------------------|-----------------------------|--|
| 1-1/2 | 1-1/2 | 1-1/2 | 3/4 |
| 2 | 1 | 1 | 7/16+ |
| 2 | 2 | 2 | 1 |
| 3 | 1-1/2 | 1-1/2 | 3/4 |
| 3 | 3 | 3 | 1-9/16 |

* Thickness applied to beams lower flange edge to be 1/4 in. min.
 The thickness of material required on the steel joist for the various Ratings are shown in the following table:

| Restrained Assembly Rating Hr | Unrestrained Beam Rating Hr | Type of Concrete Slab | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-------------------------------|-----------------------------|-----------------------|--|
| 1 | 1 | NW or LW | 1-1/8 |
| 1-1/2 | 1-1/2 | NW or LW | 1-3/4 |
| 2 | 2 | NW or LW | 2-1/4 |
| 3 | 1-1/2 | 1-1/2 | 3/4 |
| 3 | 3 | 3 | 2-7/8 |

GCP KOREA INC - Types Z-106, Z-106/G, Z-106/HY, Monokote Acoustic 5
 SOUTHWEST FIREPROOFING PRODUCTS CO - Types TGP, 7HD
 GCP APPLIED TECHNOLOGIES INC - Types Z-105, Z-106, Z-106/G, Z-106/HY, Monokote Acoustic 5

5B. Applied by mixing with water and spraying in one or more coats to a final thickness as shown in the tables below to steel beam surfaces which must be clean and free of dirt, loose scale and oil. The thicknesses shown in the table below are applicable to beams supporting all fluted floor or form units. Minimum average and minimum individual density of 40/16 pcf, respectively. Minimum average and minimum individual density of 40/16 pcf, respectively for Types 2-146, Z-146PC, and Z-146T cementitious mixture. Min average and minimum individual density of 50/45 pcf, respectively for Types 2-156, Z-156T and Z-156PC. For method of density determination, refer to Design Information Section.

| Unrestrained Beam Rating Hr | Restrained Assembly Rating Hr | Concrete Type | Spray Applied Fire Resistive Material Thickness on Beam, In. |
|-----------------------------|-------------------------------|---------------|--|
| 1 | 1, 1-1/2, 2 | LW | 9/16 |
| 1-1/2 | 1, 1-1/2, 2, 3 | LW | 7/8 |
| 2 | 1, 1-1/2, 2 | LW | 3/4 |
| 3 | 1, 1-1/2, 2, 3 | LW | 1 |

GCP KOREA INC - Types Z-146 investigated for exterior use
 GCP APPLIED TECHNOLOGIES INC - Types Z-146, Z-146T, Z-146PC, Z-156, Z-156T, and Z-156PC investigated for exterior use

6. **Shear-connector Studs** - Optional - Studs, 3/4 in. diam by 3 in. long headed type or equivalent per AISC specifications. Welded to the top flange of the beam through the steel form units.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

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BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
 BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

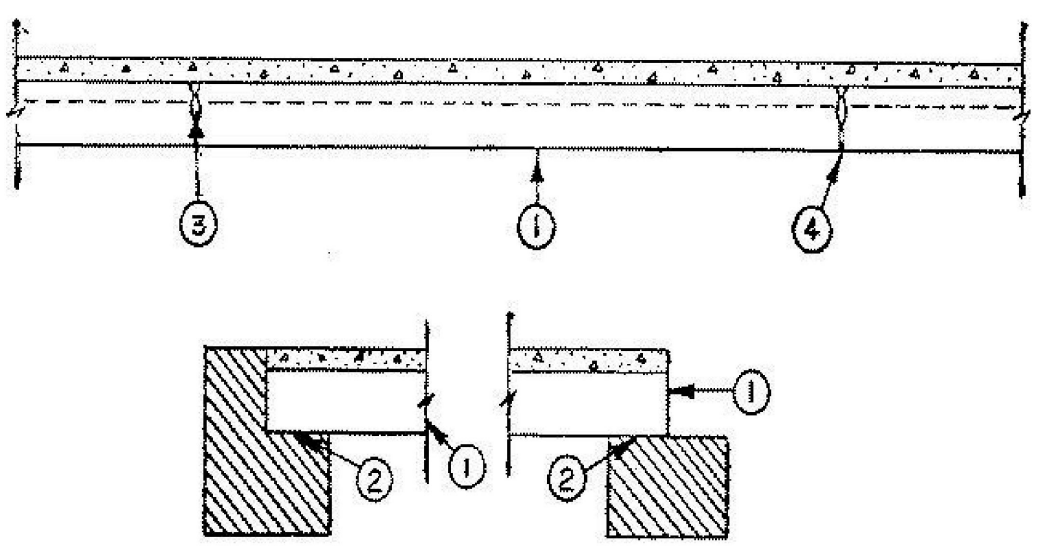
See General Information for Fire Resistance Ratings - ANSI/UL 263 Certified for United States
 Design Criteria and Allowable Variances
 See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
 Design Criteria and Allowable Variances

Design No. J968

November 07, 2017
Restrained Assembly Rating - 2, 3 and 4 Hr.
Unrestrained Assembly Rating - 2 Hr.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used - See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



| Rating Hr | Min Total Thkns Slab & Topping In. |
|-----------|------------------------------------|
| 2 | 5-1/4 |
| 3 | 6-1/2 |
| 4 | 7-3/8 |

When lightweight aggregate topping is used, the values shown for total thickness can be reduced by 15% of the topping thickness. Topping minimum compressive strength, 3000 psi. Unit weight, 150 +/- 3 pcf (normal weight) or 110 +/- 3 pcf (lightweight). Minimum topping thickness is 1 in., 3/8 in. lateral expansion joint to be provided the full length and depth of the slabs for every 12 ft of width. Expansion should be obtained using noncompressible compressible material, for example, 1/2 sheet of 1/2 in. covers. Floor paper. Clearance for expansion of each end of slab shall be equal to 1/2" x 3/8", +/- or 1/16" in., where "L" is equal to length of span in feet.

See Precast Concrete Units Category for names of manufacturers.
 2. **Minimum Bearing** - 1-1/2 in. for assembly rating of 3 hr or less and 3 in. for assembly rating of 4 hr.
 3. **Grout** - Sand cement grout, 3500 psi.
 4. **Clearance** - Between slabs at bottom full length of joint, 1/16 in. minimum, 1/4 in. maximum.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

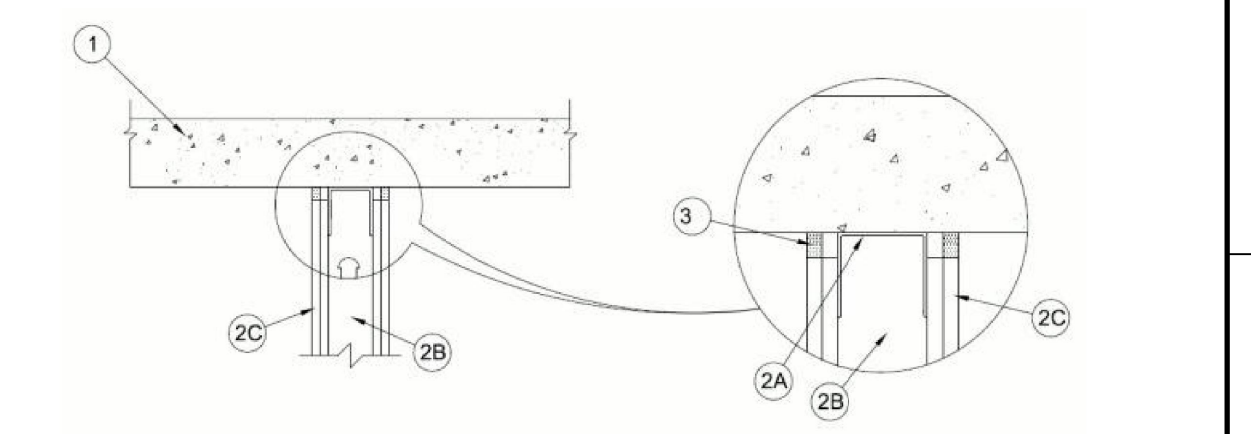
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XHBN - Joint Systems
 XHBN7 - Joint Systems Certified for Canada

See General Information for Joint Systems
 See General Information for Joint Systems Certified for Canada

System No. HW-D-0082

| ANSI/UL2079 | CAN/ULC5115 |
|---|---|
| Assembly Ratings - 1 and 2 Hr (See Items 2 and 3) | F Ratings - 1 and 2 Hr (See Items 2 and 3) |
| Nominal Joint Width - 3/4 in. | FT Ratings - 1 and 2 Hr (See Items 2 and 3) |
| Class II Movement Capabilities - 33% Compression or Extension | FH Ratings - 1 and 2 Hr (See Items 2 and 3) |
| | FTH Ratings - 1 and 2 Hr (See Items 2 and 3) |
| | Nominal Joint Width - 3/4 in. |
| | Class II Movement Capabilities - 33% Compression or Extension |



1. **Floor Assembly** - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) structural concrete.
 2. **Wall Assembly** - The 1 or 2 hr fire-rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Steel Floor and Ceiling Runners** - Floor and ceiling runners of wall assembly shall consist of min No. 25 gauge galv steel channels sized to accommodate steel studs (Item 2B). Flange height of ceiling runner shall be min 1/4 in. (6 mm) greater than max extended joint width. Ceiling runner secured to concrete floor slab with steel masonry anchors or steel fasteners spaced 24 in. (610 mm) OC.

A1. **Light Gauge Framing** - Slotted Ceiling Runner - As an alternate to the ceiling runner in Item 2A, slotted ceiling runner to consist of galv steel channel with slotted flanges sized to accommodate steel studs (Item 2B). Slotted ceiling runner secured to concrete floor slab with steel masonry anchors spaced max 24 in. (610 mm) OC.
 BREADY CONSTRUCTION INNOVATIONS INC, DBA SLIPTRACK SYSTEMS - SLP-TRK

CALIFORNIA EXPANDED METAL PRODUCTS CO - C37

CLARKDIERICH BUILDING SYSTEMS - Types SLT, SLT-H

MARINO/WARE, DIV OF WARE INDUSTRIES INC - Type SL7

METAL-LITE INC - The System

RAN SALES L L C - RAN Slotted Track

SCAFCO STEEL STUD MANUFACTURING CO
 TELLING INDUSTRIES L L C - True-Action Deflection Track

A2. **Light Gauge Framing** - Vertical Deflection Ceiling Runner - As an alternate to the ceiling runners in Items 2A and 2A1, vertical deflection ceiling runner to consist of galv steel channel with slotted vertical deflection clips mechanically fastened within runner. Slotted clips, provided with step bushings, for permanent fastening of steel studs. Flange sized to accommodate steel studs (Item 2B). Vertical deflection ceiling runner secured to concrete floor slab with steel masonry anchors or steel fasteners spaced max 24 in. (610 mm) OC.
 THE STEEL NETWORK INC - VertTrack VTD362, VTD362, VTD400, VTD600 and VTD800

A3. **Light Gauge Framing** - Notched Ceiling Runner - As an alternate to the ceiling runners in Items 2A through 2A3, notched ceiling runners to consist of C-shaped galv steel channel with notched return flanges sized to accommodate steel studs (Item 2B). Notched ceiling runner secured to concrete floor slab with steel masonry anchors or steel fasteners spaced max 24 in. (610 mm) OC.
 OLMAR SUPPLY INC - Type SC

A4. **Light Gauge Framing** - Tab Track Ceiling Runner - As an alternate to the ceiling runner in Item 2A, tabbed ceiling runner to consist of a C-shaped galv steel channel with legs with a series of 1 in. (25mm) long tabs starting from the open end of the track leg extending vertically up the leg. Ceiling runner secured to concrete floor slab with steel masonry anchors spaced max 24 in. (610 mm) OC.
 CALIFORNIA EXPANDED METAL PRODUCTS CO - TAB Track

B. **Studs** - Steel studs to be min 2-1/2 in. (64 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom nesting in and resting on floor runner and with top nesting in ceiling runner without attachment. When slotted ceiling runner (Item 2A1) is used, steel studs secured to slotted ceiling runner with No. 8 by 1/2 in. (13 mm) long washer head steel screws at midheight of slot on each side of wall. Stud spacing not to exceed 24 in. (610 mm) OC. When vertical deflection ceiling runner (Item 2A2) is used, steel studs secured to slotted vertical deflection clips, through the bushings, with steel screws at midheight of each slot. Stud spacing not to exceed 24 in. (610 mm) OC.

C. **Gypsum Board** - Gypsum board installed to a min total thickness 5/8 or 1-1/4 in. (16 or 32 mm) on each side of wall, for 1 or 2 hr fire resistance rated walls, respectively. Wall to be constructed as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory, except that a max 2-1/4 in. (59 mm) gap shall be maintained between the top of gypsum board and bottom of concrete floor. The screws attaching the gypsum board to the studs at the top of the first layer shall be located 4 in. (102 mm) from the steel floor unit valleys. The screws attaching the second layer to the steel studs shall be installed into the studs 3-1/2 in. (89 mm) below the valleys of the steel floor units. The hourly fire rating of the joint system is dependent on the hourly ratings of the walls.

3. **Fill, Void or Cavity Material** - Sealant - Max separation between the bottom of floor and top of wall is 3/4 in. (19 mm). The joint system is designed to accommodate a max 25 percent compression or extension from its installed width. Fill material installed on each side of wall between the top of the gypsum board and the bottom of the concrete floor. Min 5/8 in. (16 mm) thickness plus a 1/4 in. (6 mm) crown required for 1 hr fire rated system. Min 1-1/4 in. (32 mm) thickness installed flush with surface of wall required for 2 hr fire rated system.
 HITI CONSTRUCTION CHEMICALS, DIV OF HITI INC - CP9015 Elastomeric Fretting Sealant or CFS-S LS GS Sealant

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

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9/27/2024

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| MARK ISSUED | DATE DESCRIPTION |

OAK HOUSE
 5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

PROJECT NO: 5530
 CAD DWG FILE: 5530 - THE OAKMAN HOTEL CROSS-WINE BRWHS/HTS/SHW/VEZ/04 - 04/01/22 (UL DESIGN)
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SHEET TITLE
UL DESIGN

G-005

E:\3030 - THE OAKMAN HOTEL\DRAWINGS\WINE BRWHS/HTS/SHW/VEZ/04 - 04/01/22 (UL DESIGN)\DWG\5530 - THE OAKMAN HOTEL CROSS-WINE BRWHS/HTS/SHW/VEZ/04 - 04/01/22 (UL DESIGN).DWG JACOB TROMPETER - AUTOCAD PLOT (GENERAL DOCUMENTATION) PLOT KNAUER.ASC STANDARD.PLOT 11/30/2024 11:39:30

REFLECTED CEILING PLAN LEGEND

| | |
|----|--|
| 01 | (2) ROWS OF LIGHT FIXTURE TYPE F10 IN BOTTLE STEPS. REFER TO MILLWORK DETAILS FOR MORE INFO. |
| 02 | (5) ROWS OF LIGHT FIXTURE TYPE F10 MOUNTED ON BACK BAR SHELVES. REFER TO MILLWORK DETAILS FOR MORE INFO. |
| 03 | (2) ROWS OF LIGHT FIXTURE TYPE F10 MOUNTED TO UNDERSIDE OF BAR TOP. 1 ROW ON EACH SIDE OF BAR DIE WALL. LIGHT FIXTURE STRIP @ ADA COUNTER TO BE MOUNTED TO UNDERSIDE OF ADA COUNTER. |
| 04 | (6) ROWS OF LIGHT FIXTURE TYPE F14 ON SHELVES. REFER TO MILLWORK DETAILS FOR MORE INFO. |
| 05 | 1X8 WD-1 TRIM OVER 4" AXIOM EDGE TRIM. |
| 06 | AIR CURTAIN NO. 1: BERNER COMMERCIAL HIGH PERFORMANCE 10, CHD10-2072A, COLOR = BLACK. |
| 07 | AIR CURTAIN NO. 2: BERNER COMMERCIAL LOW PROFILE 8, CLO08-1036A, COLOR = WHITE. |

REFLECTED CEILING PLAN GENERAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING SHOP DRAWINGS OF THE SPECIFIED EQUIPMENT FOR APPROVAL TO THE ARCHITECT ON A TIMELY BASIS.
- SOME LIGHTING FIXTURES MAY REQUIRE LONGER LEAD TIMES, AND THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALLOWING SUFFICIENT TIME FOR ORDER PLACEMENT, SUBMITTAL REVIEW, AND ORDER RELEASE.
- SUBSTITUTIONS FOR THE SPECIFIED LIGHTING PRODUCTS ARE NOT ACCEPTABLE AND WILL NOT BE CONSIDERED. FAILURE TO INCLUDE ONE OF THE SPECIFIED PRODUCTS AS A PART OF THE BASE BID MAY, AT THE DISCRETION OF THE OWNER, INVALIDATE THE ENTIRE LIGHTING PRODUCT BID AND EXCLUDE THE CONTRACTOR FROM FURTHER CONSIDERATION.
- DISTRIBUTOR NET PRICING HAS BEEN SECURED FROM THE MANUFACTURER OR MANUFACTURER'S REPRESENTATIVE AND HAS BEEN USED IN THE PREPARATION OF PRELIMINARY OPINIONS OF PROBABLE COSTS. A RECORD OF SPECIFIC UNIT COSTS HAS BEEN SHARED WITH THE OWNER TO ASSIST IN THE ANALYSIS OF BID SUBMITTALS. UNIT PRICING SHOULD BE MADE AVAILABLE ON ALL SPECIFIED LIGHTING FIXTURES.
- ALL LIGHT FIXTURES IN ACOUSTICAL CEILING TILES ARE TO BE CENTERED IN THE TILE UNLESS OTHERWISE NOTED.
- REFER TO ELEVATION AND MILLWORK DRAWINGS FOR ADDITIONAL LIGHTING FIXTURE LOCATION INFORMATION.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES SUCH AS EXIT SIGNS, EMERGENCY LIGHTS, ETC.
- FOR ADDITIONAL FIXTURES LIKE EXIT SIGNS & EMERGENCY LIGHTS PLEASE REFER TO ELECTRICAL DRAWINGS/ LIFE SAFETY DRAWINGS.
- ALL LIGHT FIXTURES AND LAMPS TO BE FURNISHED, WIRED, ASSEMBLED, AND INSTALLED BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
- ALL LIGHTING FIXTURES SHALL BE FURNISHED WITH ALL NECESSARY LEADS, COVERS, CONNECTORS, AND FITTINGS FOR A COMPLETE OPERATING SYSTEM.

LIGHT FIXTURE SCHEDULE NOTES

- ON DIMMER CONTROL
- COORDINATE WITH MILLWORK DETAILS
- ON RHEOSTAT CONTROL
- REFER TO ELEVATIONS FOR MOUNTING HEIGHTS
- FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR, WIRED, ASSEMBLED, AND INSTALLED BY ELECTRICAL CONTRACTOR
- LAMP PLUGGED INTO OUTLET ON DIMMER CONTROL
- SEE FF&E SPECIFICATIONS
- FURNISHED BY OWNER, WIRED, ASSEMBLED, AND INSTALLED BY ELECTRICAL CONTRACTOR, LAMPS FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR, COORDINATE LIGHTING FIXTURE WITH FF&E SPECIFICATIONS.

LIGHTING FIXTURE SCHEDULE

| SYM | MARK | DESCRIPTION | MANUFACTURER | MODEL NO. | LAMP | WATTS | MTG. HT. | NOTES |
|-----|------|----------------------------|------------------------------------|---|--|---------|---|-------|
| F10 | F10 | RECESSED DOWNLIGHT | FERRUCO | TOWER LIGHTING STUART SMILEY | FILAMENT'S DIMMABLE S118 ITEM #6040 | 4.5W | 9'-4" AFF TO VERY B.O. FIXTURE | 1 |
| F18 | F18 | PENDANT | FERRUCO | TOWER LIGHTING STUART SMILEY | FILAMENT'S DIMMABLE S118 ITEM #6040 | 4.5W | 6'-10" AFF TO VERY B.O. FIXTURE | 1 |
| F2 | F2 | SURFACE MOUNTED DOWN LIGHT | BRITANNY OSMALLSKI | DL-45-STRK | INTEGRAL LED: 2700K | 7W | MOUNTED ON MCT-1 | 1 |
| F3 | F3 | NARROW SPOT TRACK LIGHT | VILLA LIGHTING LUCAS DEWULF | 2.5 IN TRACKHEAD FIXTURE X201927K/1000BK/HL | INTEGRAL 1000 LUMEN LED: 2700 K, 85 CRI | 12W | TRACK SURFACE MOUNTED ON MCT-1 | 1 |
| F4 | F4 | CUSTOM WALL SCONCE | FERRUCO | TOWER LIGHTING STUART SMILEY | FILAMENT'S DIMMABLE S118 ITEM #6040 | 4.5W | MOUNT B.O. WALL PLATE @ 8'-0" AFF. | 1.4 |
| F5 | F5 | CUSTOM WALL SCONCE | FERRUCO | TOWER LIGHTING STUART SMILEY | FILAMENT'S DIMMABLE S118 ITEM #6040 | 4.5W | MOUNT B.O. WALL PLATE @ 8'-0" AFF. | 1.4 |
| F6 | F6 | RECESSED DOWNLIGHT | VILLA LIGHTING LUCAS DEWULF | LED ARCHITECTURAL DOWNLIGHT 3" STRIETTA S12 S12R/1807P/1900/900LUNV | INTEGRAL 900 LUMEN LED: 2700K, 90 CRI, 24" BEAM ANGLE | 13W | VARIABLE REFER TO CEILING HEIGHTS | 1 |
| F7A | F7A | PENDANT (NON-HEAT LAMP) | HATCO | DL-400-CL | BULBRITE FILAMENT'S DIMMABLE S118 ITEM #6040 | 4.5W | MOUNT CANTILEY TO UNDERSIDE OF SOFFIT @ 7'-6" AFF | 1.5 |
| F7B | F7B | PENDANT (HEAT LAMP) | HATCO | DL-400-CL | UNIT W/ TITANITE 200W MAX. MOUNT: C SWITCH LOCATION LOWER SHADE COLOR: BLACK COLD COLOR: BLACK OVERALL FIXTURE HEIGHT: 24" | 250W | MOUNT CANTILEY TO UNDERSIDE OF SOFFIT @ 7'-6" AFF | 1.5 |
| F8 | F8 | 2X2 LAY IN (POT/SCEN) | SOLARE VILLA LIGHTING LUCAS DEWULF | LUMITRAY LED FLAT PANELS 2X2 FF22503800WH | INTEGRATED 3000 LUMEN LED: 3000K | 30W | LAY IN @ 8'-0" AFF | 1 |
| F9 | F9 | SCONCE | FERRUCO | TOWER LIGHTING STUART SMILEY | VINTAGE WALL MOUNT C115 VINTAGE NERO | 4.5W | MOUNT CENTER OF WALL PLATE @ 6'-0" | 1.4 |
| F10 | F10 | LINEAR LED (WET RATED) | LUMINA P2 ENLIGHTEN PATI GEER | LL SERIES WET LL30WET-27K-(PER PLAN) | INTEGRATED LED: 2700K | 1.2 | | |
| F11 | F11 | LINEAR LED | LUMINA P2 ENLIGHTEN PATI GEER | RENDO 40W K40M-LENGTH/PC-40W-FC-5A-E | INTEGRATED LED: 2700K | 6.5W/FT | MOUNT IN ROW @ 9'-2" REFER TO DETAILS 1 & 2 ON SHEET A-501 FOR MORE MOUNTING INFO | 1 |
| F12 | F12 | RECESSED DOWNLIGHT | VILLA LIGHTING LUCAS DEWULF | LED ARCHITECTURAL DOWNLIGHT 3" STRIETTA S12 S12R/1807P/1900/900LUNV | INTEGRAL 900 LUMEN LED: 2700K, 90 CRI, 24" BEAM ANGLE | 13W | VARIABLE REFER TO CEILING HEIGHTS | 1 |
| F13 | F13 | RECESSED WALL WASH LIGHT | VILLA LIGHTING LUCAS DEWULF | LED ARCHITECTURAL DOWNLIGHT 3" STRIETTA S12 S12R/1807P/1900/900LUNV | INTEGRAL 900 LUMEN LED: 2700K, 90 CRI, 14" BEAM ANGLE | 13W | VARIABLE REFER TO CEILING HEIGHTS | 1 |
| F14 | F14 | LINEAR LED | LUMINA P2 ENLIGHTEN PATI GEER | LL SERIES WET LL18-27K-F4-(LENGTH) | INTEGRATED LED: 2700K | 1.5W/FT | VARIABLE REFER TO MILLWORK DETAILS | 1 |
| F15 | F15 | NARROW SPOT TRACK LIGHT | VILLA LIGHTING LUCAS DEWULF | 2.5 IN TRACKHEAD FIXTURE X201927K/1000BK/HL | INTEGRAL 1000 LUMEN LED: 2700 K, 85 CRI | 12W | TRACK WITH EXTENSION WANDS. B.O. TRACK TO BE MOUNTED AT 8'-0" AFF | 1.2 |



| MARK | DATE | DESCRIPTION |
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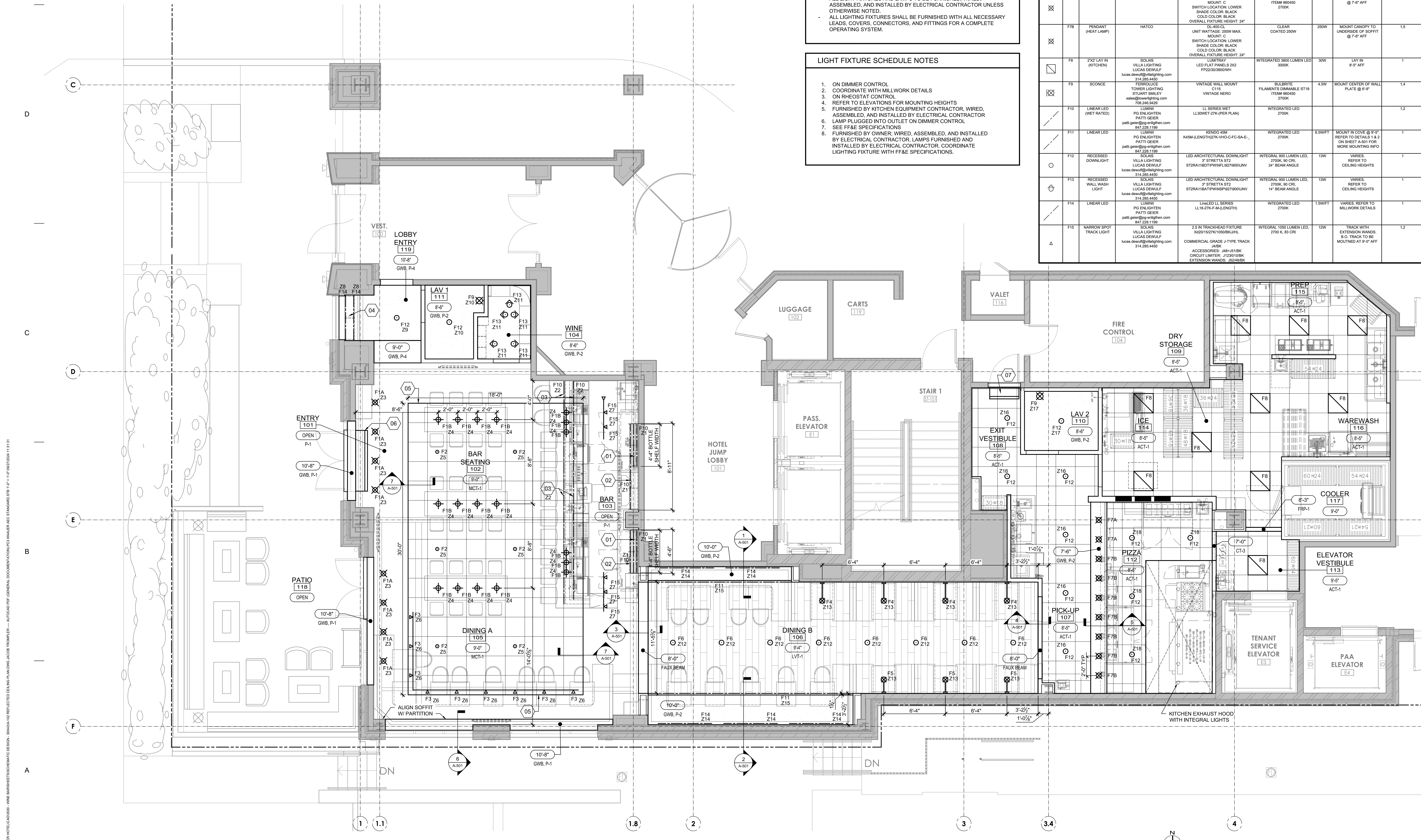
OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

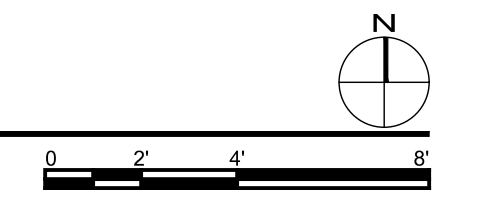
PROJECT NO: 5530
 CAD DWG FILE: 5530 - THE OAK HOUSE HOTEL - CABINETRY - WINE BAR SHEET SCHEDULE
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SHEET TITLE
REFLECTED CEILING PLAN

A-102



1 REFLECTED CEILING PLAN
 1/4" = 1'-0"



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GARLOCK SAFETY SYSTEMS

P: 877.791.4446
GARLOCKSAFETY.COM

RailGuard 200™

Non-Penetrating Safety Guardrail System

Meets OSHA Requirements
1910.29(b) and 1926.502(b)

From the leaders in passive fall protection, Garlock's safety guardrail systems protect employees or any contractor/serVICETECH who may not be familiar with your safety policy requirements. With a passive guardrail system installed, you will have peace of mind that safety is always in place.

The Originator
For more than 35 years, RailGuard 200 has been protecting workers at-height. RailGuard exceeds OSHA requirements for temporary and permanent guardrail applications.

Non-Penetrating
Maintain rooftop integrity with the weighted base design. Simply place the base in the desired location drop in the rail section and pin it. No tools or drilling required.

Customizable
RailGuard 200™ rails are available in a wide variety of lengths in standardized and custom colors or galvanized finish. Adjustable rails are the perfect way to end every run because its length can be adjusted on-site for a perfect fit. Choose finishing rails for terminating a run at a wall or other vertical obstruction. We also offer a wide variety of RailGuard 200 accessories to satisfy unique application. Add a self-closing or swing gate to complete your system.

Not Just For Rooftops
RailGuard 200 systems can also be used for loading docks/pits, mezzanines, or machine guarding. A variety of permanent base mounting styles are available. Let your Garlock Representative help you build a solution for your passive fall protection needs.

Easy As 1-2-3
Measure the job site, then:
1. Count the number of rail sections including outriggers. (Tip use 10ft. sections for as much as possible, and 5ft. for outriggers)
2. Order the same amount of bases + (1) for an end.
3. For every base, order (2) pins

RailGuard 200 System
(1) Rail, (1) galvanized base, and (2) pins required

Why Choose Garlock Safety Systems™?

- Rigorously Tested to Exceed OSHA & ANSI Standards
- In-House Engineering
- Full Passive Fall Prevention Portfolio
- Custom Engineered Products Available

GARLOCK SAFETY SYSTEMS

P: 877.791.4446
E: safetyorders@garlockequip.com
GARLOCKSAFETY.COM

Address:
2601 Niagara Ln N,
Plymouth, MN 55447

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Specifications

Base Plate

- Mounts up to four rail sections
- Allows 90° or 45° turns
- Narrow 5" space between rails
- Weight: 90 lbs.

Rail Sections

- Top Rail Height = 42" tall
- Mid-Rail Height = 20" tall
- Three standard lengths: 10', 8', and 5'
- Custom sizes and colors available
- Standard rail section 16 ga. welded steel

Usage Recommendations

- End all configurations with either a closed loop that connects all bases and rail sections or the use of a 5-foot outrigger system to provide the needed counterbalance.
- Configurations with outrigger systems require one additional base.
- Locking pins must be used to secure all rails into the bases.
- Use toeboards when there is a danger of materials falling.

Options

Multiple color options available
Visit www.railcolor.com for color choices

Adjustable Toe Boards

Centurion Cart™

Optional Base With Pads

Adjustable Rail Sections

InvisRail™ Adaptors

Base Transporter

Set and Prevent™ RailGuard 200 Base

ROOF PLAN KEYNOTES

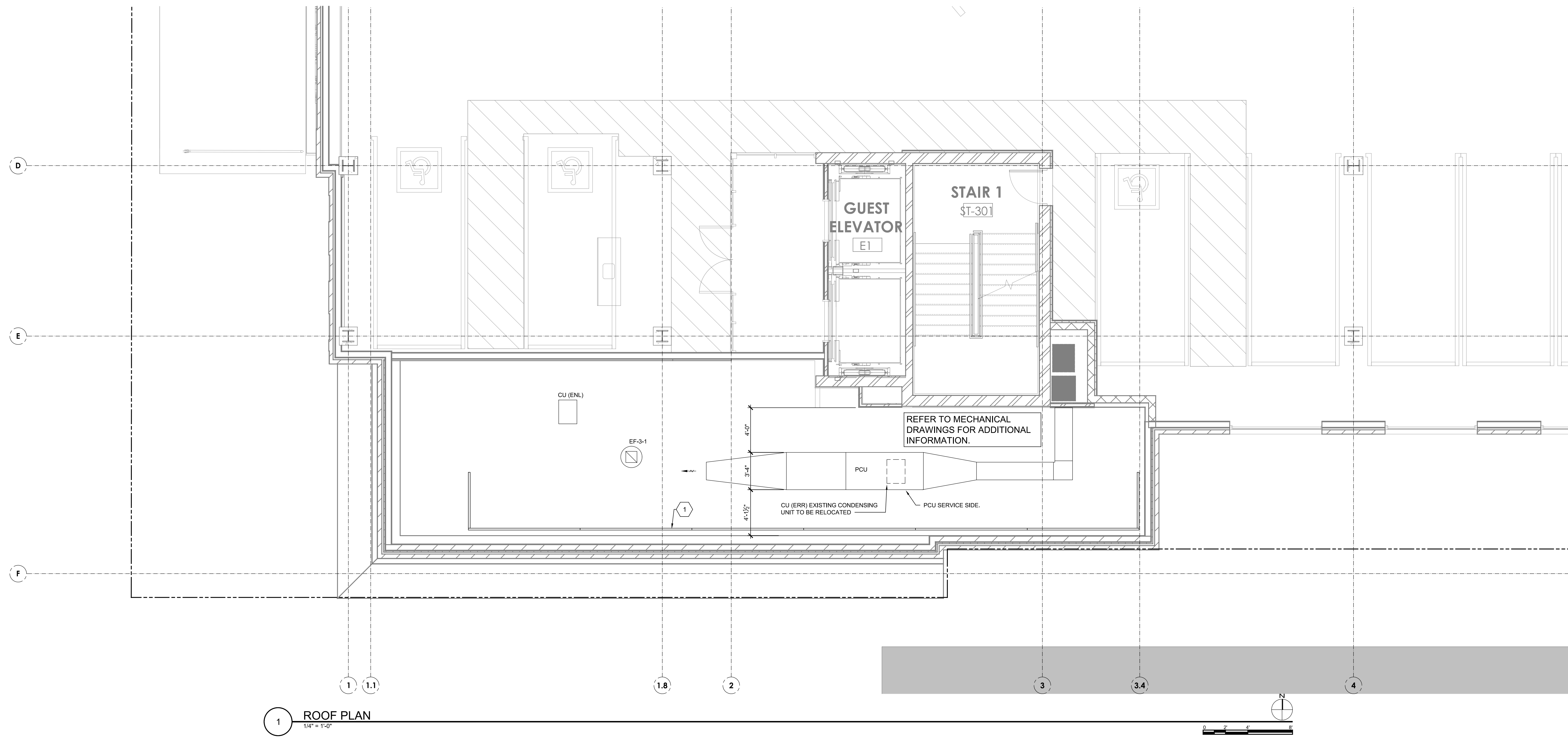
KEYED NOTE

- ROOF EDGE PROTECTION: GARLOCK SAFETY SYSTEMS RAILGUARD 200 RAILING, 10'-0" LONG BY 3'-6" TALL RAIL SECTIONS WITH WEIGHTED BASE.

KNAUER

Knauer Incorporated
226 Green Bay Road
Highwood, IL 60040
(847) 948-9500
www.knauerinc.com

architecture
design
direction



1 ROOF PLAN
1/4" = 1'-0"



| MARK | DATE | DESCRIPTION |
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OAK HOUSE

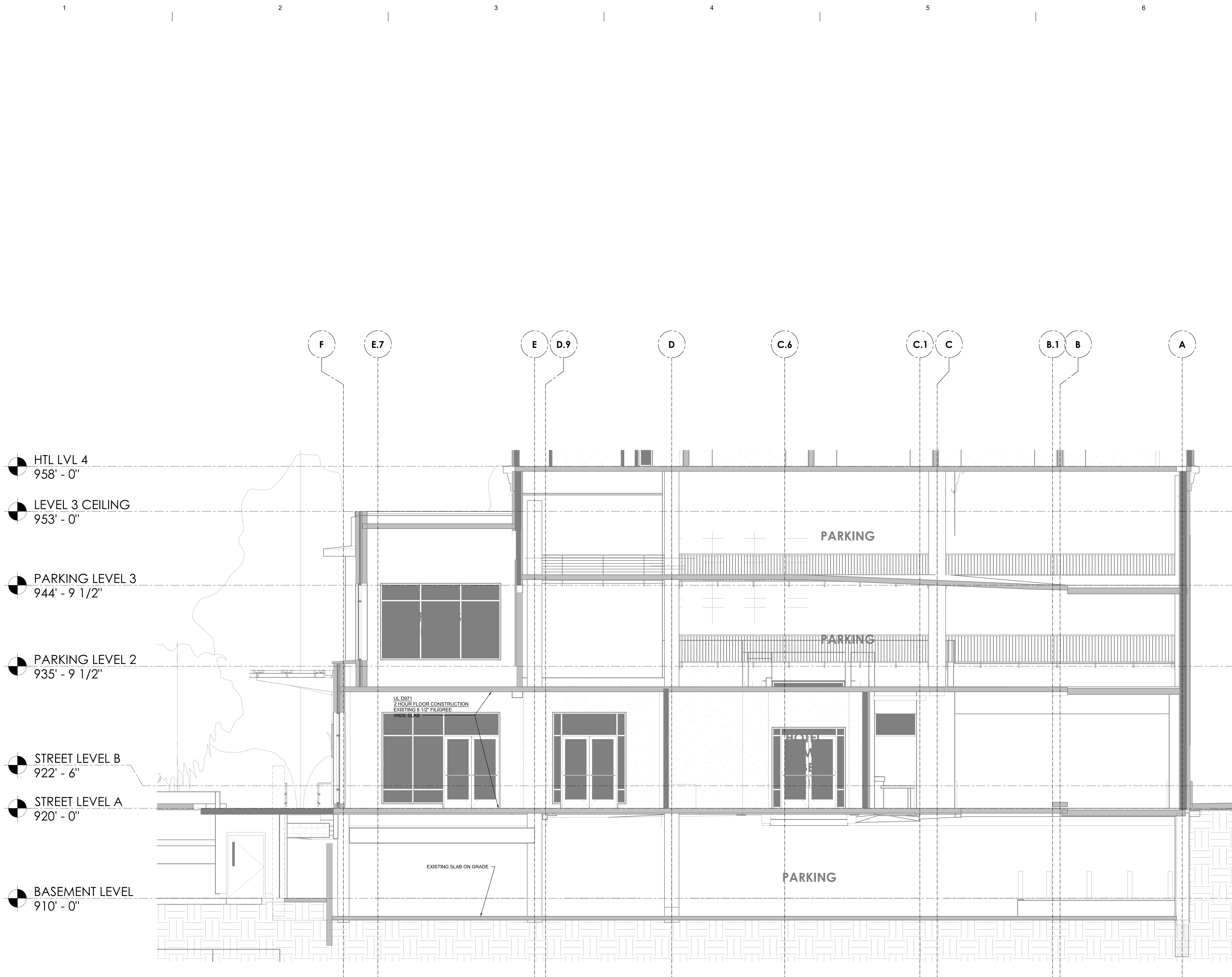
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

PROJECT NO: 5530
CAD DWG FILE: 5530 - THE OAKWOOD HOTEL ADDRESS - WINE BAR/RESTAURANT/GENERAL - 2ND FLOOR ROOF PLAN.DWG
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SHEET TITLE
ROOF PLAN

A-104

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OAK HOUSE

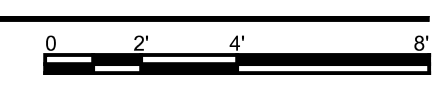
5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

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SHEET TITLE
BUILDING SECTION

A-301

1 BUILDING SECTION 1
 1/4" = 1'-0"

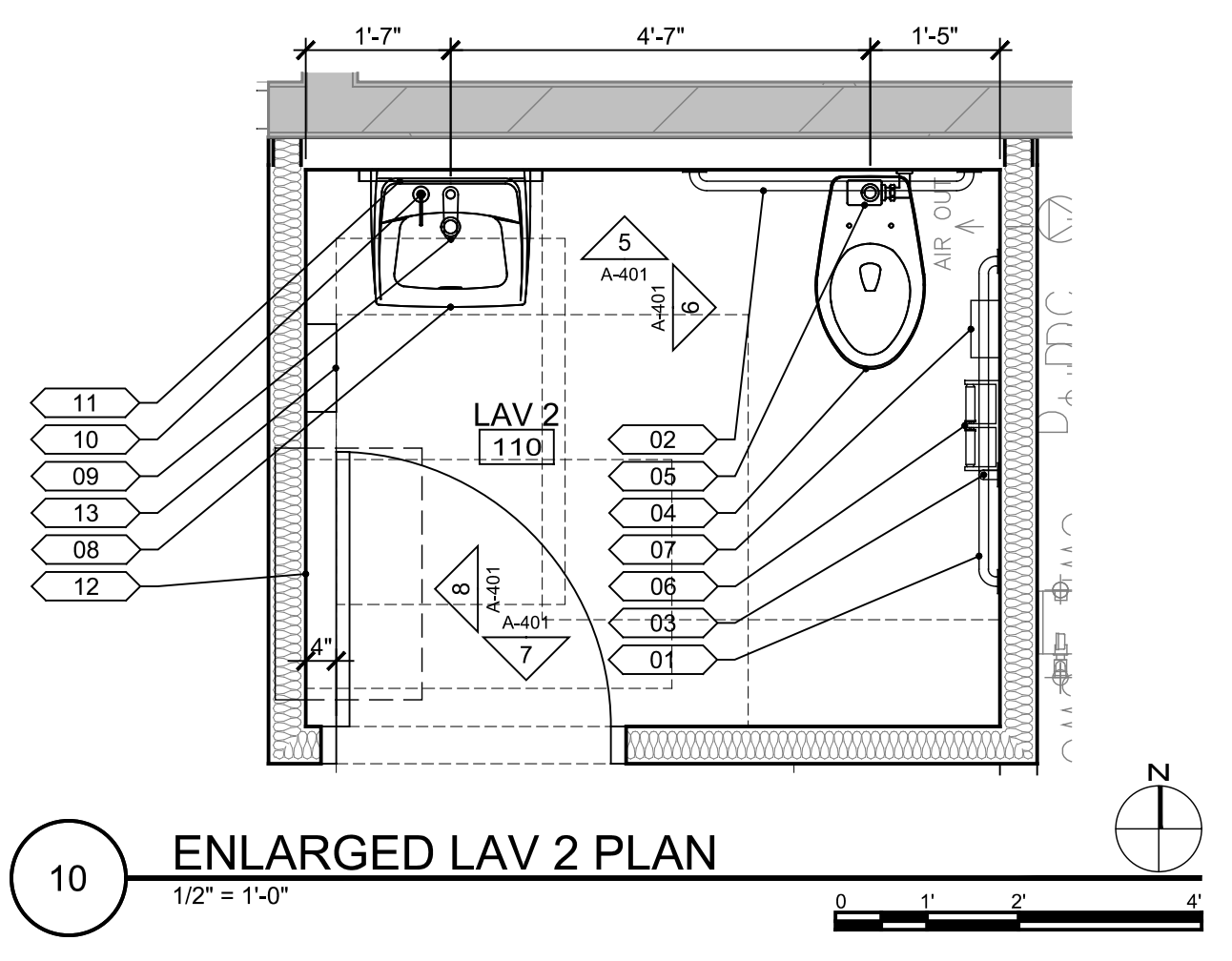
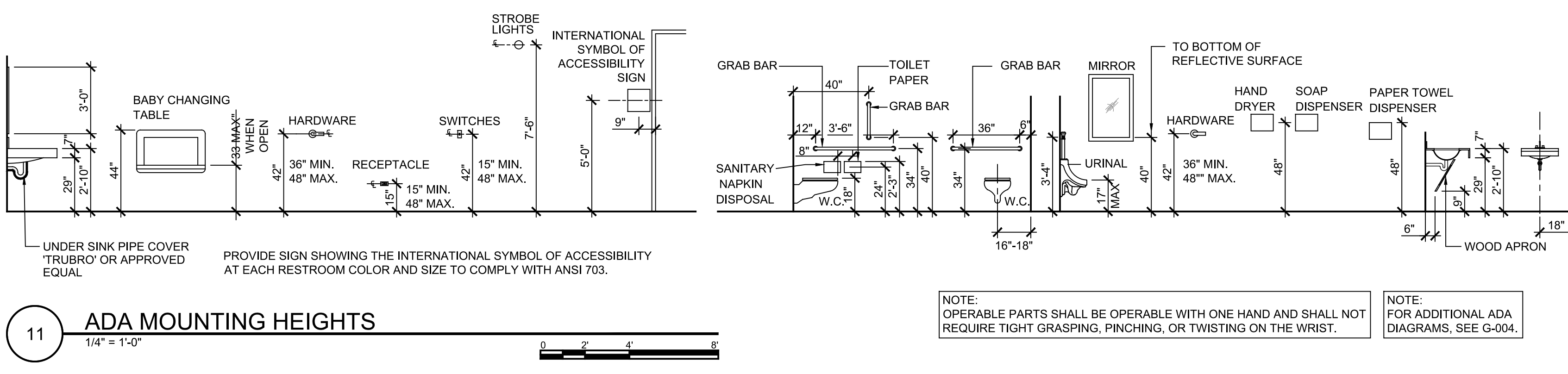
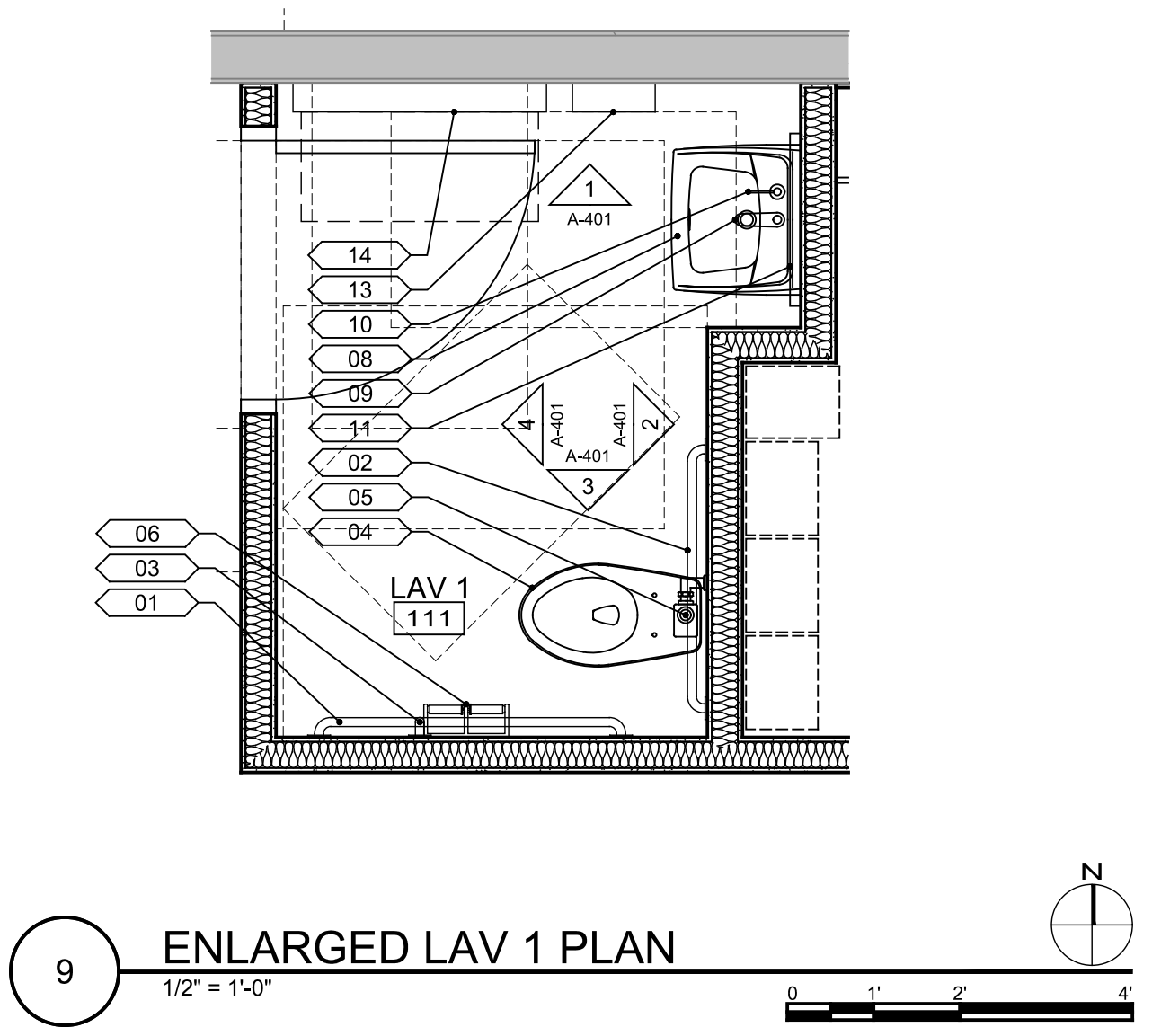
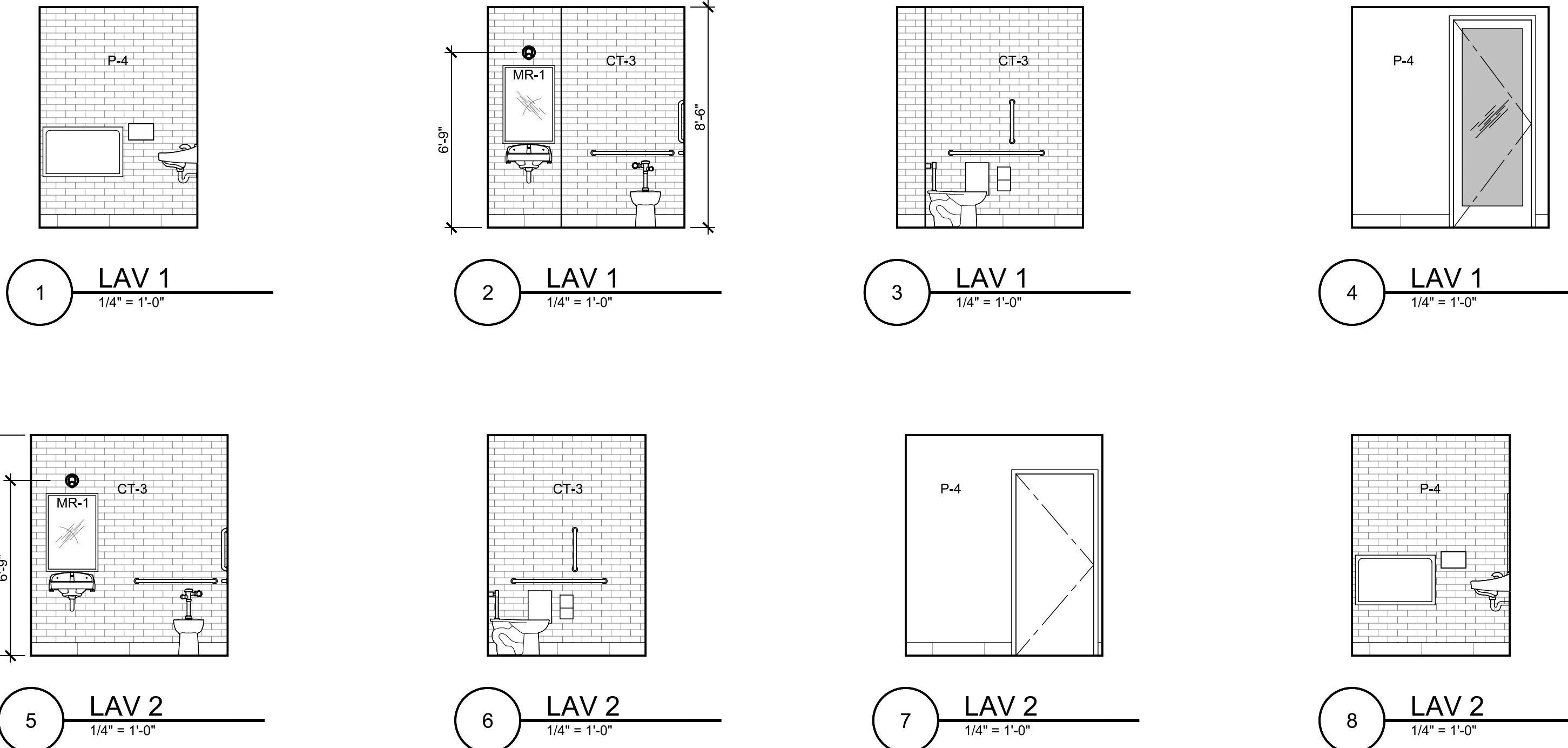


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 AUTOCAD PLOT GENERAL DOCUMENTATION PLOT KNAUER AEC STANDARDS 11"x17" 9/27/2024 11:32:15

ENLARGED WASHROOM PLANS AND ELEVATIONS

PLUMBING FIXTURE AND WASHROOM ACCESSORY SCHEDULE

| MARK | DESCRIPTION | MANUFACTURER | MODEL | NOTES |
|------|---|---------------------|--|---|
| 01 | 42N HORIZONTAL GRAB BAR | BRADLEY | MODEL 837 HEAVY DUTY SATIN STAINLESS STEEL 1-1/4" GRAB BAR W/ EXPOSED MOUNTING | |
| 02 | 36N HORIZONTAL GRAB BAR | BRADLEY | MODEL 837 HEAVY DUTY SATIN STAINLESS STEEL 1-1/4" GRAB BAR W/ EXPOSED MOUNTING | |
| 03 | 18N VERTICAL GRAB BAR | BRADLEY | MODEL 837 HEAVY DUTY SATIN STAINLESS STEEL 1-1/4" GRAB BAR W/ EXPOSED MOUNTING | |
| 04 | FLOOR MOUNTED WATER CLOSET | TOTO | CT705ELNG - FLUSHOMETER ADA TOILET | COLOR: #01 COTTON - SEAT: SC534 |
| 05 | FLUSHOMETER | TOTO | TET1LA32CP | |
| 06 | SURFACE MOUNTED DOUBLE ROLL TOILET TISSUE DISPENSER | BOBRICK | B-6997 | SATIN FINISH |
| 07 | SANITARY NAPKIN DISPOSAL | BOBRICK | B-270 | |
| 08 | WALL MOUNTED LAVATORY | TOTO | LT307A#01 | COLOR: COTTON |
| 09 | FAUCET | TOTO | TEL101-D10E WITH TL110R | #CP POLISHED CHROME |
| 10 | SOAP DISPENSER | BOBRICK | B-8221 | |
| 11 | MIRROR | MILLWORK CONTRACTOR | CUSTOM STEEL FRAMED MIRROR | |
| 12 | BABY CHANGING STATION | KOALA KARE | KB110-SSRE | |
| 13 | PAPER TOWEL DISPENSER | TBD | TBD | SEE MANUFACTURERS INSTRUCTIONS FOR MOUNTING HEIGHTS |
| 14 | BABY CHANGING STATION - SURFACE MOUNTED | KOALA KARE | KB110-SSWM | |



KNAUER

architecture
design
direction

Knauer Incorporated
226 Green Bay Road
Highwood, IL 60040
(847) 948-9500
www.knauerinc.com



| MARK | DATE | DESCRIPTION |
|----------|------|-------------------|
| ISSUED | | |
| 09/27/24 | | ISSUED FOR PERMIT |
| 04/01/22 | | ISSUED FOR BIDS |
| 02/28/22 | | ISSUED FOR REVIEW |
| 02/09/22 | | CLIENT REVIEW SET |

OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

PROJECT NO: 5530
CAD DWG FILE: 5530 - THE OAK HOUSE HOTEL CASINO - WINE BAR/RESTROOMS - ZERO - SANITARY FIXTURES AND ELEVATIONS.rvt
DRAWN BY: -
CHKD BY: -
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ENLARGED PLANS AND ELEVATIONS

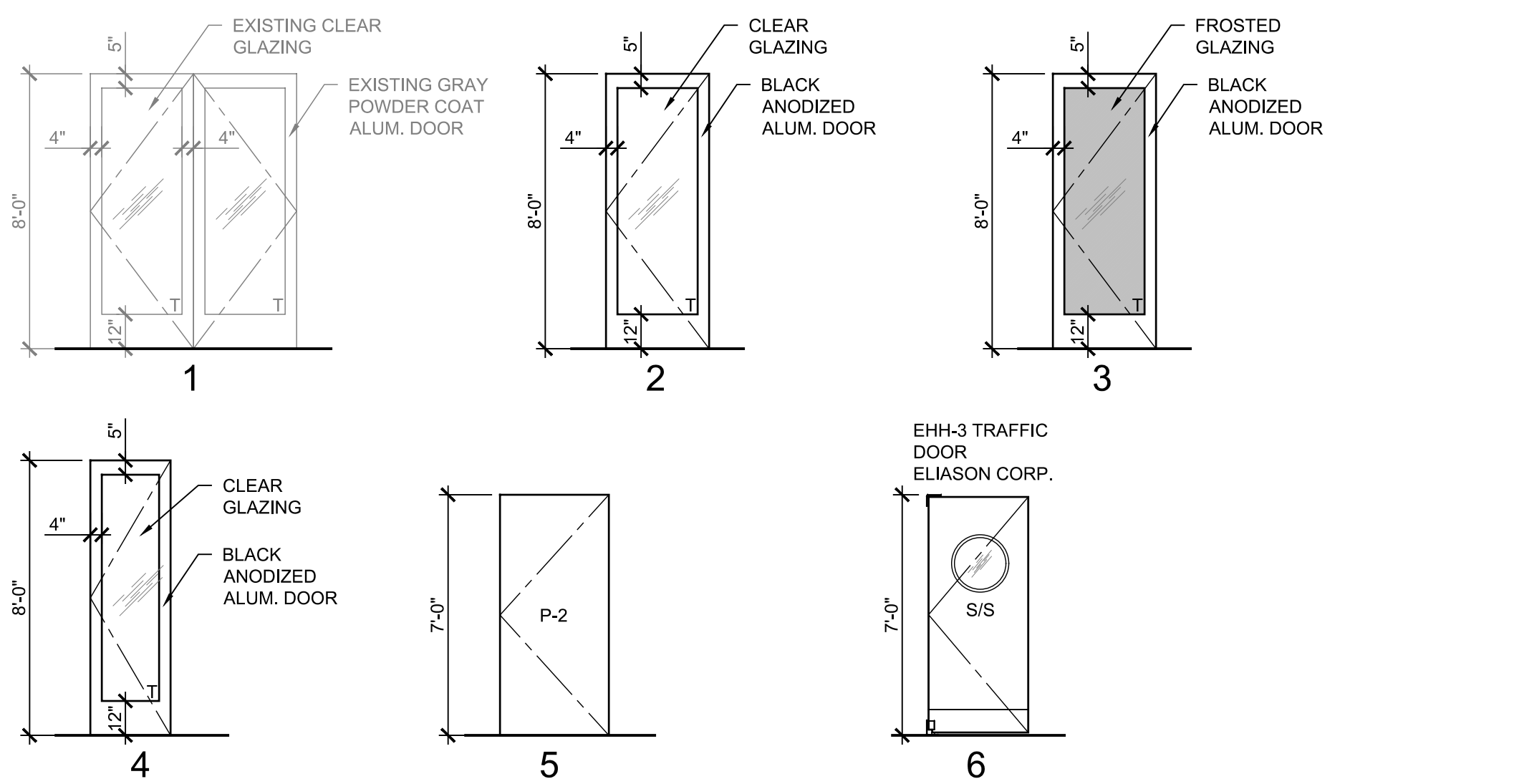
A-401

E:\3000 - THE OAK HOUSE HOTEL CASINO - WINE BAR/RESTROOMS\DESIGN\3000-A401 ENLARGED PLANS AND ELEVATIONS DWG\ACOR_TEMPLER - AUTOCAD PDF (GENERAL DOCUMENTATION)\KNAUER ACES STANDARDS\TBL 07 - 11-07-2022\2024.11.28.4

| ROOM FINISH SCHEDULE | | | | | | | | | | | | | |
|----------------------|-------------|-------|-------|-------|-------|-------|-------|---------|-------|------|----|-------|------|
| ROOM NO | ROOM NAME | FLOOR | BASE | WALLS | | | | CEILING | | | | NOTES | |
| | | | | N | E | S | W | MATL | HT | MATL | HT | | |
| LL01 | STORAGE | CS-1 | CTB-1 | FRP-1 | FRP-1 | FRP-1 | FRP-1 | ACT-1 | 8'-0" | | | | |
| LL02 | BEER COOLER | CS-1 | | | | | | | | | | | OPEN |

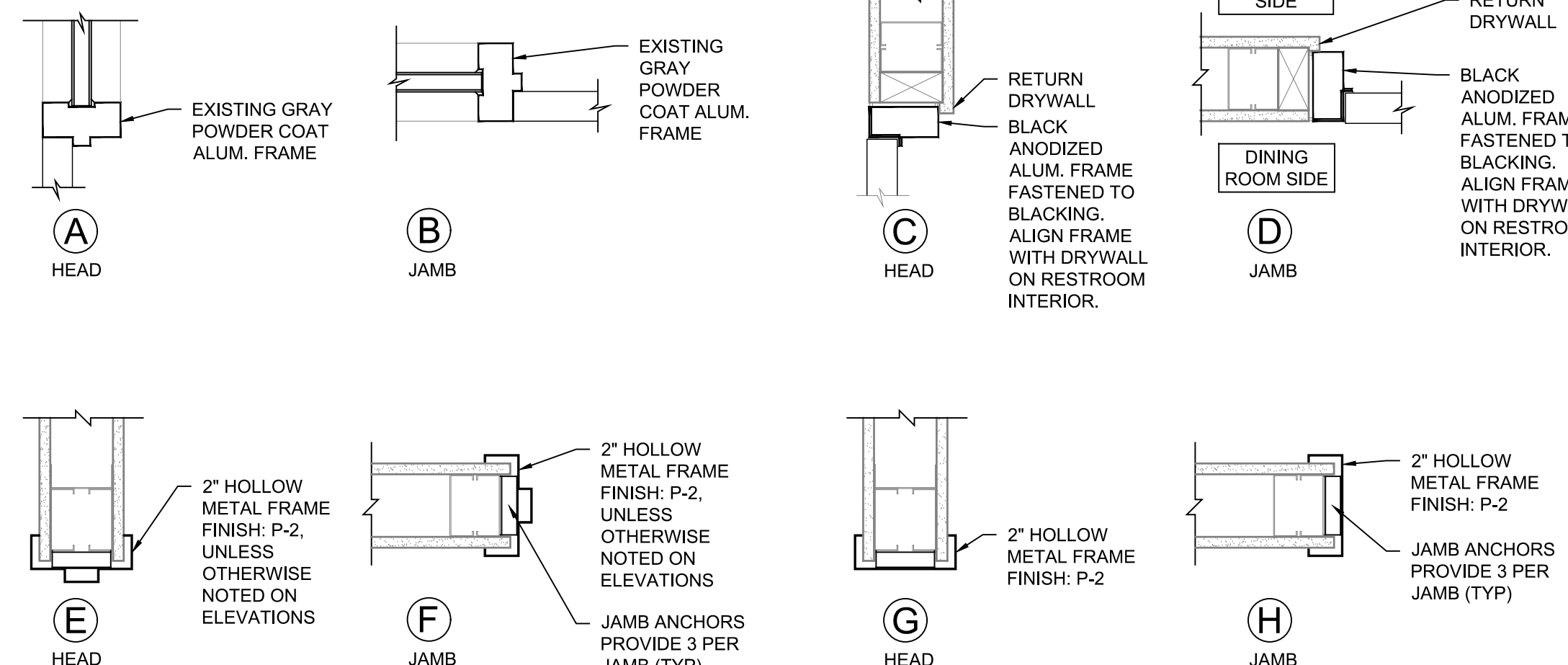
| DOOR AND FRAME SCHEDULE | | | | | | | | | | | |
|-------------------------|-------|-------|---------|------|----|-------|------|------|-----------------|-------|--|
| MARK | DOOR | | | MATL | EL | FRAME | | | HARDWARE SET NO | NOTES | |
| | SIZE | W | HT | | | HEAD | JAMB | SILL | | | |
| LL01A | 3'-6" | 7'-0" | 1'-3/4" | HM | S | E | F | -- | -- | -- | |

| DOOR AND FRAME SCHEDULE | | | | | | | | | | | |
|-------------------------|-----------|-------|---------|---------|----|-------|------|------|-----------------|-------|----------------------------|
| MARK | DOOR | | | MATL | EL | FRAME | | | HARDWARE SET NO | NOTES | |
| | SIZE | W | HT | | | HEAD | JAMB | SILL | | | |
| 101A | (2) 3'-0" | 8'-0" | 1'-3/4" | ALUM/GL | 1 | ALUM | A | B | -- | I | EXISTING MAIN ENTRY DOUBLE |
| 104A | 2'-4" | 8'-0" | 1'-3/4" | ALUM/GL | 4 | ALUM | C | D | -- | III | WINE ROOM |
| 105A | (2) 3'-0" | 8'-0" | 1'-3/4" | ALUM/GL | 1 | ALUM | A | B | -- | I | EXISTING PATIO DOUBLE |
| 108A | 3'-0" | 7'-0" | 1'-3/4" | HM | S | HM | E | F | -- | IV | EXISTING EXIT |
| 110A | 3'-0" | 7'-0" | 1'-3/4" | HM | S | HM | E | F | -- | V | LAV 2 |
| 111A | 3'-0" | 8'-0" | 1'-3/4" | ALUM/GL | 3 | ALUM | C | D | -- | V | LAV 1 |
| 114A | 3'-0" | 7'-0" | 1'-1/2" | SC | 6 | HM | G | H | -- | VI | ELIASON DOOR |
| 118A | 3'-0" | 8'-0" | 1'-3/4" | ALUM/GL | 2 | ALUM | C | D | -- | II | HOTEL VESTIBULE |

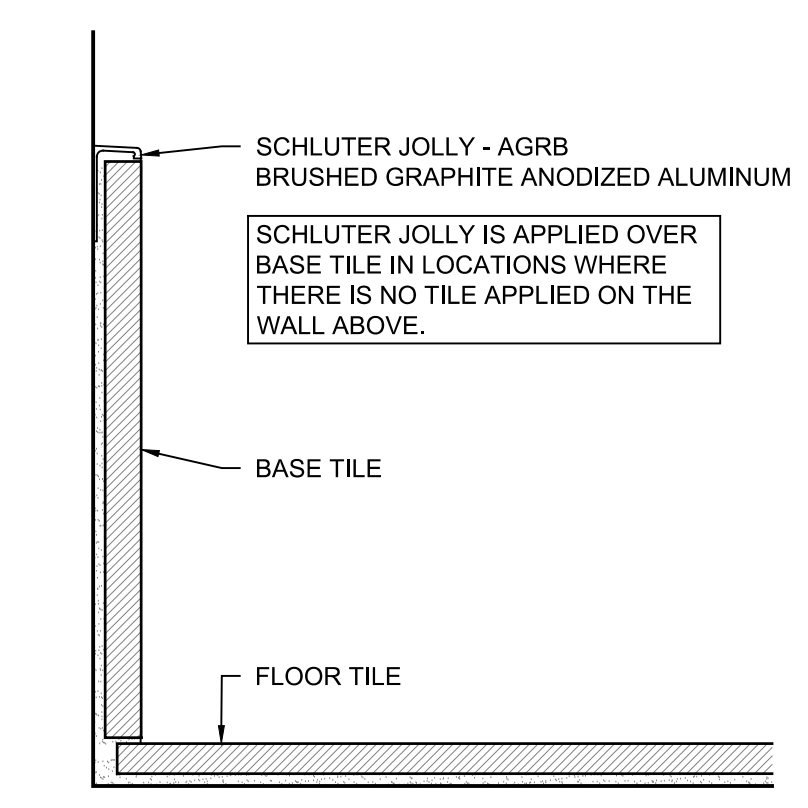


1 DOOR ELEVATIONS
1/4" = 1'-0"

| ROOM FINISH SCHEDULE | | | | | | | | | | | | |
|----------------------|--------------------|-------|-------|-----------------|-----------------|-----------------|-----------------|------------|--------|------|----|-------|
| ROOM NO | ROOM NAME | FLOOR | BASE | WALLS | | | | CEILING | | | | NOTES |
| | | | | N | E | S | W | MATL | HT | MATL | HT | |
| 101 | ENTRY | CT-1 | CTB-1 | BR-1, P-1 | BR-1, P-1 | BR-1, P-1 | BR-1, P-1 | P-1 | OPEN | | | |
| 102 | BAR SEATING | CT-1 | | BR-1, P-4, P-1 | CT-1 | | | | 9'-0" | | | |
| 103 | BAR | RF-1 | RFB-1 | FRP-2, BR-1 | FRP-2, BR-1 | FRP-2, BR-1 | FRP-2, BR-1 | P-1 | OPEN | | | |
| 104 | WINE | LVT-1 | CTB-1 | P-2 | P-2 | P-2 | P-2 | GWB, P-2 | 8'-6" | | | |
| 105 | DINING A | LVT-1 | CTB-1 | BR-1, WP-1, P-1 | BR-1, WP-1, P-1 | BR-1, WP-1, P-1 | BR-1, WP-1, P-1 | MCT-1, P-1 | 9'-0" | | | |
| 106 | DINING B | LVT-1 | CTB-1 | BR-1, WP-1, P-4 | BR-1, WP-1, P-4 | BR-1, WP-1, P-4 | BR-1, WP-1, P-4 | LVT-1 | 9'-4" | | | |
| 107 | PICK-UP | CT-1 | CTB-1 | CTP-1, P-2 | CTP-1, P-2 | CTP-1, P-2 | CTP-1, P-2 | ACT-1 | 8'-5" | | | |
| 108 | EXIT VESTIBULE | CT-1 | CTB-1 | P-2 | P-2 | P-2 | P-2 | ACT-1 | 8'-5" | | | |
| 109 | DRY STORAGE | RF-1 | RFB-1 | | | | | ACT-1 | 8'-5" | | | |
| 110 | LAV 2 | CT-1 | CTB-1 | CT-3 | CT-3 | P-2 | CT-3 | GWB, P-2 | 8'-6" | | | |
| 111 | LAV 1 | LVT-1 | CTB-1 | CT-3 | CT-3 | CT-3 | P-4 | GWB, P-2 | 8'-6" | | | |
| 112 | PIZZA | RF-1 | RFB-1 | CT-3 | CT-3, S/S | CT-3, S/S | FRP-1, P-2 | ACT-1 | 8'-5" | | | |
| 113 | ELEVATOR VESTIBULE | RF-1 | RFB-1 | CT-3 | CT-3 | FRP-1 | FRP-1 | ACT-1 | 9'-5" | | | |
| 114 | ICE | RF-1 | RFB-1 | FRP-1 | FRP-1 | FRP-1 | FRP-1 | ACT-1 | 8'-5" | | | |
| 115 | PREP | RF-1 | RFB-1 | FRP-1 | FRP-1 | FRP-1 | FRP-1 | ACT-1 | 8'-5" | | | |
| 116 | WAREWASH | RF-1 | RFB-1 | FRP-1 | FRP-1 | FRP-1 | FRP-1 | ACT-1 | 8'-5" | | | |
| 117 | COOLER | | | | | | | | 9'-0" | | | |
| 118 | PATIO | LVT-1 | CTB-1 | BR-1, P-4 | BR-1, P-4 | BR-1, P-1 | GWB, P-4 | | 10'-4" | | | |
| 119 | LOBBY ENTRY | LVT-1 | CTB-1 | BR-1, P-4 | BR-1, P-4 | BR-1, P-1 | GWB, P-4 | | 10'-4" | | | |



2 HEAD JAMB AND SILL DETAILS
1/2" = 1'-0"



3 BASE TILE DETAIL
6" = 1'-0"

| DOOR HARDWARE SCHEDULE | | | | | |
|------------------------|--------------|--|--|--|---|
| SET | DOOR NO. | ITEM | MANUFACTURER AND MODEL NO. | FINISH | REMARKS |
| I | 101A 105A | EXISTING DOOR HARDWARE TO HAVE PANIC HARDWARE | | | |
| II | 118A | (1)HINGE (1) DOOR PULL (2) DOOR SILENCERS (1) MORTISE CYLINDER/LOCK (1) THRESHOLD (1) DOOR HOLDER | CONTINUOUS GEARED HINGE CLASSROOM LOCK | US19 - 622 US19 - 622 US19 - 622 US19 - 622 US19 - 622 US19 - 622 | DOORS TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED |
| III | 104A | (1)HINGE (1) CLOSER (2) DOOR PULL (3) DOOR SILENCERS (1) MORTISE CYLINDER/LOCK (1) THRESHOLD | CLASSROOM LOCK | US19 - 622 US19 - 622 US19 - 622 US19 - 622 US19 - 622 US19 - 622 | DOORS TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED |
| IV | 108A | EXISTING DOOR HARDWARE TO HAVE PANIC HARDWARE | | | |
| V | 110A 111A | (1)HINGE (1) CLOSER (2) DOOR PULL (3) DOOR SILENCERS (1) MORTISE PRIVACY SET (1) THRESHOLD | | US19 - 622 US19 - 622 US19 - 622 US19 - 622 US19 - 622 | DOORS TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED |
| VI | 114A | (1)HARDWARE SET FOR EHH-3 DOOR | ELIASON PROPRIETARY HARDWARE INCLUDING: HINGES, SCUFF PLATES | | |

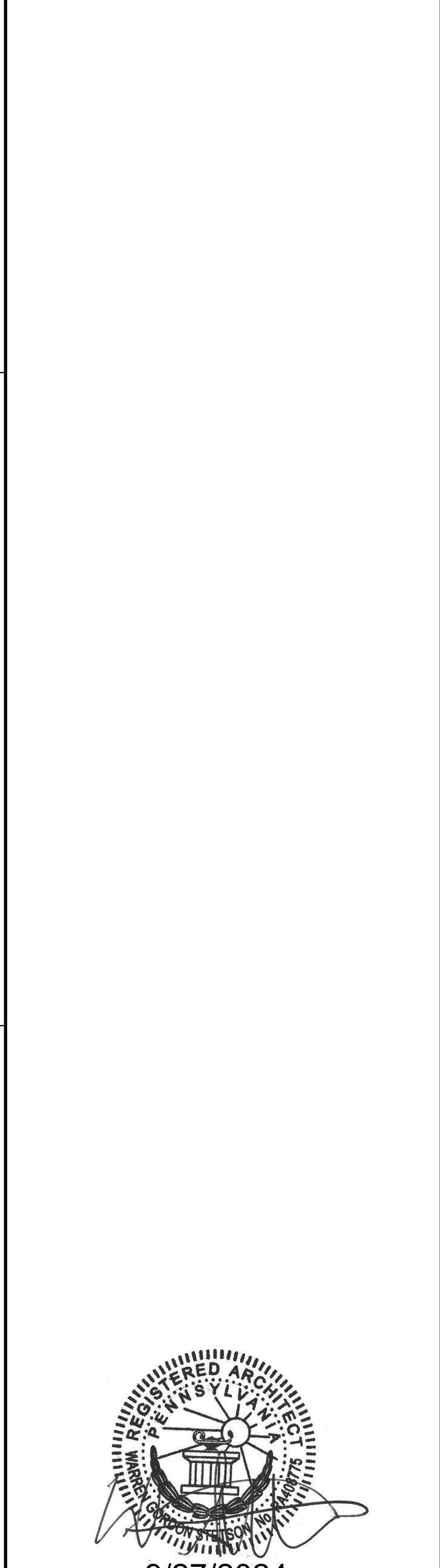
| MATERIAL AND COLOR LEGEND | | | | |
|---------------------------|---|---|---|--|
| MARK | DESCRIPTION | MANUFACTURER | COLOR AND/OR TEXTURE | NOTES |
| ACT-1 | WASHABLE CEILING TILE SYSTEM (KITCHEN) | USG ANDY VESTER 800-874-8870 AVESTER@USG.COM | SHEETROCK CLIMA PLUS LAY-IN CEILING PANEL, CLIMA PLUS VINYL ITEM NO. 372, 2'x4'1/2" WHITE COLOR. | 1 |
| ACR-1 | ACRYLIC | | NORY ACRYLIC 1/4" THICK | 2 |
| BR-1 | THIN BRICK WALL TILE | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | COLLECTION: STONE HAVEN COLOR: TAUPE SIZE: 2 3/8" x 10" NATURAL - RUNNING BOND | 1,2,3,5,6 GROUT COLOR: BOSTIK H151 TAUPE |
| BR-1 (ALT) | THIN BRICK WALL TILE | GLEN GERY BRICK | BAYHILL THIN BRICK THIN-TECH CLASSIC MOUNTING SYSTEM MORTAR COLOR: G302 | 1,2,3,5 MORTAR COLOR: GLEN GERY G302 |
| CT-1 | WALL & FLOOR TILE | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | COLLECTION: DUO COLOR: TRE MIMCO SIZE: 8" x 8" NATURAL - STACK BOND | 1,2,3,5,6 GROUT COLOR: BOSTIK H142 FRENCH GRAY |
| CT-2 | WALL & FLOOR TILE | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | COLLECTION: DUO COLOR: TRE MIMCO SIZE: 8" x 8" NATURAL - STACK BOND | 1,2,3,5,6 GROUT COLOR: BOSTIK H142 FRENCH GRAY |
| CT-3 | WALL TILE | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | COLLECTION: CASABLANCA COLOR: GLACIER SIZE: 3" x 12" GLOSSY - RUNNING BOND | 1,2,3,5,6 GROUT COLOR: BOSTIK H178 CASHMERE |
| CTB-1 | TILE BASE | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | COLLECTION: OUTLOOK - PORCELAIN SURFACES COLOR: BLACK SIZE: 12" x 24" (CUT DOWN TO 8" x 24") | 1,2,3,5,6 GROUT COLOR: BOSTIK H139 BLACK (SEE DETAIL 3 ON THIS SHEET) |
| CTP-1 | TILE PATTERN | ELM SURFACES KELSEY ABRINGTON 817.608.6487 kelsey@elmsurfaces.com | CT-1 & CT-2 RANDOM INSTALL | 1,2,3,5,6 GROUT COLOR: BOSTIK H142 FRENCH GRAY |
| FRP-1 | FIBER REINFORCED PLASTIC PANEL | CRANE COMPOSITES JEFF TOLLE 815-274-9125 jtolle@cranecomposites.com | SEQUENTIA TRADITIONAL EMBOSSED FRP 4'X8'09" CLASS A PANEL COLOR: WHITE | 1,3 |
| FRP-2 | FIBER REINFORCED PLASTIC PANEL | CRANE COMPOSITES JEFF TOLLE 815-274-9125 jtolle@cranecomposites.com | SEQUENTIA TRADITIONAL EMBOSSED FRP 4'X8'09" CLASS A PANEL COLOR: BLACK 1201 | 1,3 |
| GL-1 | GLASS | | CLEAR GLASS (TEMPER WHERE REQUIRED) | 2 |
| LVT-1 | LUXURY VINYL TILE | ARMSTRONG FLOORING KIMBERLY MATRANGA 224.287.1508 kmatranga@armstrongflooring.com | NATURAL CREATIONS WITH DIAMOND 10 TECH COLOR: NA120 COASTAL CREAFTED MARITIME SIZE: 9" X 48" X 0.125" | 1,2,3 |
| MCT-1 | METAL CEILING TILE | ARMSTRONG TABITH MCCARTHY 312.282.0759 tmccarthy@armstrongceilings.com | DIAMOND ITEM# 6418AM - COLOR: TECH BLACK (BL) IN PRELUDE 1516" T GRID - COLOR: TECH BLACK | 1,3,11 |
| MR-1 | MIRROR | | 14" CLEAR MIRROR POLISHED EDGES | 2 |
| MR-2 | ANTIQUE MIRROR | CREATIVE ART SOLUTIONS CONTACT: DAVE ABBOTT PH: (312) 952-1533 | 14" ANTIQUE MIRROR #10 POLISHED EDGES | 2 |
| MTL-1 | METAL | MILLWORK CONTRACTOR | HOT-ROLLED STEEL SATIN CLEAR COAT FINISH | 2 |
| MTL-2 | METAL WOVEN WIRE PANEL | MANCHOLS 877.552.8749 manchols.com | #378192041 WIRE MESH SQUARE 2' X 2' SQUARE OPENING - .0192" TCK (6 GA.) WIRE LOCK CRIMP WEAVE | 1,2,3 EDGE: MANCHOLS LEDGING ALUMINUM - 1/2" X 1" WIRE MESH AND EDGE TO BE ALUMINUM MILL FINISH |
| P-1 | PAINT (DARK GRAY) | BENJAMIN MOORE MARY HOFFMAN 815-919-0209 maryhoffman@benjaminmoore.com | GARGOYLE 1546 (SEE REMARK 7 FOR SHEEN) | 2,7 |
| P-2 | PAINT (WHITE) | BENJAMIN MOORE MARY HOFFMAN 815-919-0209 maryhoffman@benjaminmoore.com | WHITE - INT. RM (SEE REMARK 7 FOR SHEEN) | 2,7 |
| P-3 | PAINT (BLACK) | BENJAMIN MOORE MARY HOFFMAN 815-919-0209 maryhoffman@benjaminmoore.com | BLACK JACK 2133-20 (SEE REMARK 7 FOR SHEEN) | 2,7 |
| P-4 | PAINT (GRAY) | BENJAMIN MOORE MARY HOFFMAN 815-919-0209 maryhoffman@benjaminmoore.com | CAPE HATTERAS SAND AC-34 (SEE REMARK 7 FOR SHEEN) | 2,7 |
| PL-1 | PLASTIC LAMINATE | WILSONART | BRANDED OAK 8207K-16 | 2 |
| RF-1 | RUBBER FLOORING SYSTEM FLOOR & BASE (KITCHEN) | PROTECT-ALL SCOTT HAEGER 800.544.9638 scotthae@protectall.com | SEE "PROTECT-ALL" RUBBER FLOOR SYSTEM DETAIL | SEE RUBBER FLOOR DOCUMENTATION ON THIS SHEET NFA TYPE 1 RATED |
| S-1 | STONE - QUARTZ (TABLE TOPS) | CAESARSTONE NATASHA KHOR 223.775.6184 natasha.khor@caesarstoneus.com | 5131 CALACATTA NUVO (HONED) STANDARD SIZE THICKNESS: 2CM | 1,2,3 |
| S-2 | SINTERED STONE (BAR TOP) | CAESARSTONE NATASHA KHOR 223.775.6184 natasha.khor@caesarstoneus.com | 4120 RAVEN (POLISHED) STANDARD SIZE THICKNESS: 2CM | 1,2,3 |
| UP-1 | UPHOLSTERY | BURCH FABRICS ROB ROSE 773-929-1898 roses@bfc.com | SYMPHONY COLLECTION PATTERN: VINTAGE SVL-106 WHISPER | 2 |
| WD-1 | WOOD | MILLWORK CONTRACTOR | OAK SOLIDS AND VENEERS AS DETAILED COLOR TO MATCH PL-1 CLASS A FINISH | 2 |
| WP-1 | WOOD PLANKS | MILLWORK CONTRACTOR | 1/2" THICK WHITE OAK - SQUARE EDGE PLANK 6" WIDTHS. COLOR TO MATCH PL-1 CLASS A FINISH | 2 |

MATERIAL SCHEDULE REMARKS

- FURNISH WITH ALL NECESSARY COMPONENTS FOR COMPLETE INSTALLATION.
- FOLLOW COLOR / FINISH SAMPLE FOR ARCHITECTS APPROVAL.
- PROVIDE MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- NOT USED.
- LONG LEAD TIME ITEM.
- GROUT: MAPEL ULTRACOLOR PLUS FA. COLOR: (SEE NOTES COLUMN ON MATERIAL SCHEDULE), SANDED ON FLOOR (1/8" GROUT JOINT).
- PAINT SHEEN AS FOLLOWS:
 - CEILING PAINT TO BE FLAT FINISH
 - WALL PAINT TO BE EGGSHELL FINISH
 - DOORS, TRIM, AND MILLWORK PAINT TO BE SEMI-GLOSS SHEEN (UNLESS OTHERWISE NOTED)
 - PAINT GRADE AND APPLICATION PER MANUFACTURERS SPECIFICATION.
 - USE GROUT RELEASE AGENT OVER TILES DURING INSTALLATION
 - SEE INTERIOR ELEVATIONS FOR SIZE, PROFILE AND LOCATION

SCHEDULES

A-601



| MARK | DATE | DESCRIPTION |
|----------|-------------------|-------------|
| 09/27/24 | ISSUED FOR PERMIT | |
| 04/01/22 | ISSUED FOR BIDS | |
| 02/28/22 | ISSUED FOR REVIEW | |
| 02/09/22 | CLIENT REVIEW SET | |

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

SCHEDULES

A-601

PROTECT-ALL® WET AREA SYSTEM

PROTECT-ALL®

COMMERCIAL FLOORING

TECHNICAL DATA

FOR COMMERCIAL KITCHENS AND WET AREAS

PRODUCT NAME: PROTECT-ALL® Commercial Flooring System

MANUFACTURER: Oscoda Plastics®, Inc.
5585 N. Huron Ave.
P.O. Box 189
Oscoda, MI 48759
Phone: 800-544-9538
Fax: 800-544-7679
www.protect-allflooring.com

CLEANING INSTRUCTIONS:
Please refer to www.oscodaplastics.com for the most complete cleaning instructions.

INSTALLATION:
Where to Install: PROTECT-ALL may be installed on most types of clean, dry, level, and hard substrates. PROTECT-ALL is ideal for both interior and exterior applications. Consult the PROTECT-ALL Installation, Care, and Maintenance Guidelines for more details.

Surface Preparation: Surface should be clean and free of debris that may prohibit PROTECT-ALL from lying flat. Unseen joints and cracks that create an uneven condition should be repaired, using an approved underlayment or leveling compound.

Installation: PROTECT-ALL should be installed using recommended adhesives and following normal installation procedures. A standard utility knife or similar type of tool can be used to cut PROTECT-ALL. Always follow the installation recommendations located in the PROTECT-ALL Installation, Care, and Maintenance Guidelines.

PROTECT-ALL TEST DATA:

| Property | Value | ASTM D-751 | ASTM G-21 |
|--|---------------|-------------|------------|
| Breaking Strength (mpa) | 405 lbs. | ASTM D-751 | ASTM G-21 |
| Breaking Strength (cm2) | 723 lbs. | ASTM D-751 | ASTM D-751 |
| Coefficient of Friction (avg) | Dry: .88 | ASTM D-2047 | |
| Compressive Strength @ 20% Deformation | 641 psi | ASTM D-696 | |
| Elongation (mod) | 76.5% | ASTM D-751 | |
| Elongation (cm2) | 88.5% | ASTM D-751 | |
| Fire Test: NFPA Type I Plated | 1.05W/cm2 | ASTM E-648 | |
| Burn Distance: | 12 cm | ASTM E-648 | |
| Shore A Hardness: | 90-95 Average | | |
| Tear Strength (mod) | 76.5 lbs. | ASTM D-751 | |
| Tear Strength (cm2) | 84 lbs. | ASTM D-751 | |
| Thickness: | .250 inches | | |
| Weight (sq. per sq. ft.): | 25.16 | ASTM D-751 | |

nd = machine direction cm2 = cross machine direction
* Test results indicated in this data may vary slightly due to minor variances in the content of the vinyl source material.

This list is a sampling of materials Oscoda Plastics has seen in the flooring environment. PROTECT-ALL Commercial Flooring is resistant to many more chemicals and Oscoda Plastics will evaluate any chemical not listed, that may be present in a particular building. Data is based on ASTM D-543.

| Acrylic Paint | Bleach | Dimethyl Phthalate | LateX Paint | Sodium Hypochlorite |
|--------------------|----------------------|--------------------|------------------|----------------------|
| Ammonium Hydroxide | Butyl Alcohol | Ethyl Alcohol | Methyl Alcohol | Sulfuric Acid |
| Ammonium Chloride | Calcium Chloride | Formaldehyde | Mineral Oil | Trichloroacetic Acid |
| Ammonium Sulfate | Citric Acid | Gasoline | Mineral Spirits | Trichloroethylene |
| Amly Acetate | Detergent Solution | Hydrogen Peroxide | Salt Water | Vegetable Oil |
| Animal Fat | Dilute Sulfuric Acid | Kerosene | Sodium Hydroxide | |
| Benzonic Acid | | Laquer Spray Paint | | |

Available Sizes: Sheets - 60" x 60" and 60" x 96" in 1/4" thickness.
Oscoda Plastics offers a 10-year warranty against manufacturer's defects.
Call for complete warranty details.

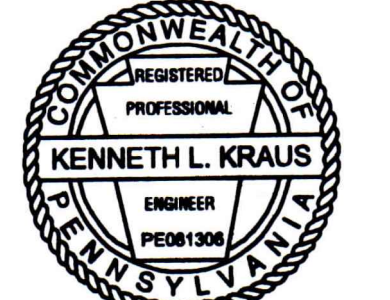
(Based on revised 06/24)

PROTECT-ALL®

COMMERCIAL FLOORING

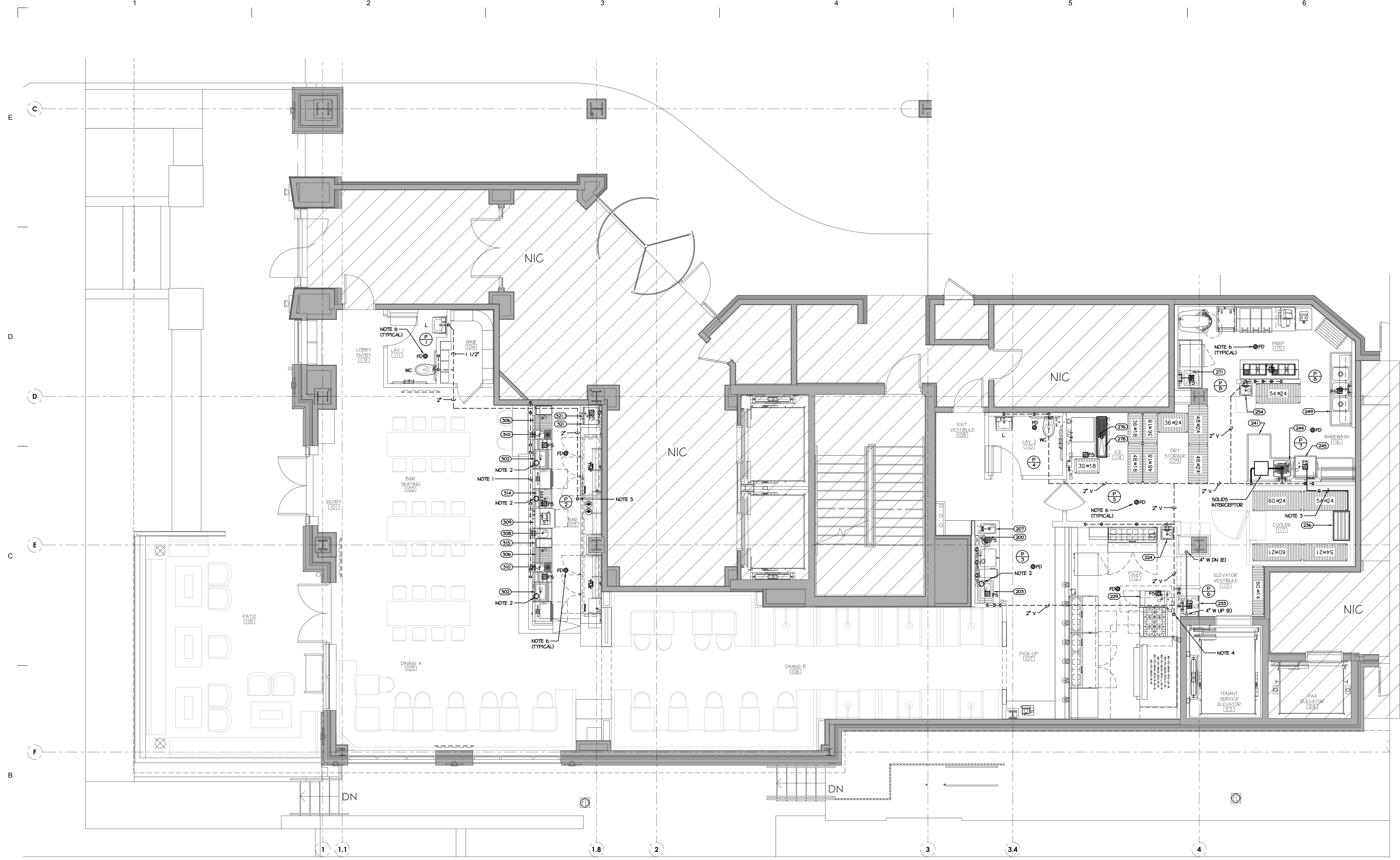
Give us a call or visit our web site today.
800-544-9538
www.protect-allflooring.com

Kenneth L. Kraus



DATE: 09-27-24

0 2 4 6
1/4" = 1'



FIRST FLOOR PLUMBING WASTE & VENT PLAN
SCALE 1/4" = 1'-0"

- PLAN NOTES**
- VENTING SHALL BE RAN WITHIN THE DRY WALL OF THE BAR AND PITCHED BACK TOWARDS WASTE.
 - 6" PVC CONDUIT FOR BEER AND SODA LINES. REFER TO APPROVED FOOD SERVICE DRAWINGS FOR EXACT LOCATIONS, NOTES AND DETAILS.
 - CONDENSATE LINES IN COOLERS SHALL BE 1" COPPER AND RAN TIGHT TO WALL AND PITCHED TOWARDS DRAIN. ALL PENETRATIONS SHALL BE SEALED.
 - 2" VENT UP TO FLOOR ABOVE, RAN TIGHT TO WALL, AND TERMINATE INTO EXISTING 2" HORIZONTAL VENT IN THE AREA. VERIFY EXACT LOCATION AND TIE IN POINT IN FIELD PRIOR TO START OF WORK.
 - 2" VENT UP TO 2" VENT IN TOILET ROOM ABOVE. TIE INTO VENT LINE AT LEAST 6" ABOVE FLOOD LEVEL OF LAVATORY.
 - ALL FLOOR DRAIN SEALS SHALL BE PROTECTED BY A TRAP PRIMER. TRAP PRIMERS ARE NOT SHOWN ON RISERS OR FLOOR PLAN. P.C. TO COORDINATE EXACT LOCATION AND ROUTING OF TRAP PRIMERS WITH ARCHITECT AND FIELD CONDITIONS. SEE TRAP PRIMER DETAIL ON SHEET P001.

| | |
|---|---|
| 08/27/24 | ISSUED FOR PERMIT |
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| OAK HOUSE | |
| 5130 BIGELOW BLVD PITTSBURGH, PA 15213 | |
| PROJECT NO: | 3530 |
| CAD DWG FILE: | C:\BIB\BIB\BIB\CAD\LAND\H&L\OAK HOUSE - SHWZC088.DWG |
| DRAWN BY: | |
| CHKD BY: | |
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| SHEET TITLE | |
| FIRST FLOOR PLUMBING WASTE AND VENT PLAN | |
| P-100 | |

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VENTILATION SCHEDULE (2018 IMC)

| ROOM NO. | ROOM NAME | ROOM USE | AREA (SF) | OCCUPANCY RATE - PEOPLE/1000 SF | NUMBER OF PEOPLE | MECHANICAL OA/PERSON (CFM) | AREA OUTDOOR RATE (CFM/SF) | MECHANICAL OA VENT REQUIRED (CFM) | AREA EXHAUST RATE (CFM/SF) | MECHANICAL EXHAUST REQUIRED (CFM) | MECHANICAL SUPPLY PROVIDED (CFM) | MECHANICAL EXHAUST PROVIDED | SYSTEM TAG | NOTES |
|----------|--------------------|-----------------------|-----------|---------------------------------|------------------|----------------------------|----------------------------|-----------------------------------|----------------------------|-----------------------------------|----------------------------------|-----------------------------|----------------------|-----------------|
| L101 | STORAGE | STORAGE ROOMS | 250 | 0 | 0 | 0 | 0.12 | 30 | 0.0 | 0 | 300 | 300 | EF-1 | |
| L102 | BEER COOLER | COLD STORAGE | 65 | 0 | 0 | 0 | 0.00 | 0 | 0.0 | 0 | 0 | 0 | | |
| 101 | ENTRY | MAIN ENTRY LOBBIES | 53 | 10 | 1 | 5 | 0.06 | 9 | 0.0 | 0 | 225 | 0 | HP-1, OAHU-R1 | |
| 102 | BAR SEATING | BAR, COCKTAIL LOUNGES | 216 | 100 | 24 | 8 | 0.18 | 219 | 0.0 | 0 | 800 | 0 | HP-2, OAHU-R1 | |
| 103 | BAR | BAR, COCKTAIL LOUNGES | 250 | 100 | 13 | 8 | 0.18 | 143 | 0.0 | 0 | 660 | 0 | HP-2, OAHU-R1 | |
| 104 | WINE | COLD STORAGE | 36 | 0 | 0 | 0 | 0.00 | 0 | 0.0 | 0 | 250 | 0 | HP-6 | |
| 105 | DINING A | DINING ROOMS | 482 | 70 | 17 | 8 | 0.18 | 215 | 0.0 | 0 | 1,450 | 0 | HP-1, OAHU-R1 | |
| 106 | DINING B | DINING ROOMS | 553 | 70 | 50 | 8 | 0.18 | 475 | 0.0 | 0 | 1,000 | 0 | HP-3, OAHU-R1 | |
| 107 | PICK-UP | KITCHENS (COOKING) | 160 | 20 | 3 | 23 | 0.00 | 68 | 0.7 | 112 | 200 | 115 | HP-4, KEF-1, OAHU-R1 | TRANSFER TO 112 |
| 108 | EXIT VESTIBULE | CORRIDORS | 63 | 0 | 0 | 0 | 0.06 | 4 | 0.0 | 0 | 50 | 0 | HP-4, OAHU-R1 | |
| 109 | DRY STORAGE | STORAGE ROOMS | 50 | 0 | 0 | 0 | 0.12 | 6 | 0.0 | 0 | 200 | 0 | HP-5, OAHU-R1 | |
| 110 | LAV 2 | TOILET ROOMS -PUBLIC | 46 | 0 | 0 | 0 | 0.00 | 0 | 0.0 | 70 | 50 | 100 | HP-4, TEF-2 | |
| 111 | LAV 1 | TOILET ROOMS -PUBLIC | 41 | 0 | 0 | 0 | 0.00 | 0 | 0.0 | 70 | 50 | 100 | HP-2, TEF-1 | |
| 112 | PIZZA | KITCHENS (COOKING) | 251 | 20 | 5 | 38 | 0.00 | 188 | 0.0 | 176 | 3,680 | 2,852 | HP-4, KEF-1, OAHU-R1 | |
| 113 | ELEVATOR VESTIBULE | CORRIDORS | 59 | 0 | 0 | 0 | 0.06 | 4 | 0.0 | 0 | 100 | 0 | HP-5, OAHU-R1 | |
| 114 | ICE | STORAGE ROOMS | 85 | 0 | 0 | 0 | 0.12 | 11 | 0.0 | 0 | 200 | 0 | HP-5, OAHU-R1 | |
| 115 | PREP | KITCHENS (COOKING) | 150 | 20 | 3 | 23 | 0.00 | 68 | 0.7 | 105 | 530 | 105 | HP-5, KEF-1, OAHU-R1 | TRANSFER TO 112 |
| 116 | WAREWASH | KITCHENS (COOKING) | 191 | 20 | 4 | 30 | 0.00 | 120 | 0.7 | 134 | 400 | 135 | HP-5, KEF-1, OAHU-R1 | TRANSFER TO 112 |
| 117 | COOLER | COLD STORAGE | 94 | 0 | 0 | 0 | 0.00 | 0 | 0.0 | 0 | 0 | 0 | | |
| 119 | LOBBY ENTRY | CORRIDORS | 46 | 0 | 0 | 0 | 0.06 | 3 | 0.0 | 0 | 150 | 0 | HP-1, OAHU-R1 | |

WATER SOURCE HEAT PUMP SCHEDULE (2018 IECC)

| TAG | MANUFACTURER | MODEL NO. | NOMINAL TONS | REFRIGERATION | | | | | | HEATING PERFORMANCE (EER) | COEFFICIENT OF PERFORMANCE (COP) | SUPPLY FAN | | | | TOTAL UNIT | | | | REMARKS | | | | | | | |
|------|--------------|-----------------|--------------|------------------------------|---------------------------------|----------------------|-----------|-----------------------|---------------------|---------------------------|----------------------------------|-----------------------|---------------------|--------------------|---------------------------|-----------------------------------|----------|-----|------------------|---------|--------------------------|-------------------|------|-------|---|-----|-----|
| | | | | TOTAL COOLING CAPACITY (MBH) | SENSIBLE COOLING CAPACITY (MBH) | EVAP. COIL BNT. TEMP | CONDENSER | WATER FLOW RATE (GPM) | WATER TEMP (DEG. F) | | | WATER FLOW RATE (GPM) | WATER TEMP (DEG. F) | MAX. AIRFLOW (CFM) | MINIMUM OUTSIDE AIR (CFM) | EXTERNAL STATIC PRESSURE (IN WDG) | MOTOR HP | EER | REFRIGERANT TYPE | | REFRIGERANT CHARGE (LBS) | UNIT WEIGHT (LBS) | | | | | |
| HP-1 | CARRIER | 50PCH04NCC66CC1 | 4 | 46.4 | 36.2 | 75.7 | 64.1 | 10.0 | 85 | 96.6 | 4.7 | 68.0 | 4.6 | 1830 | - | - | 0.5 | 1/2 | 11 | 15 | 480 | 3 | 14.3 | R410A | - | 274 | 1-3 |
| HP-2 | CARRIER | 50PCH04NCC66CC1 | 4 | 46.2 | 30.2 | 76.0 | 65.9 | 10.0 | 85 | 96.6 | 4.7 | 68.0 | 4.6 | 1510 | - | - | 0.5 | 1/2 | 11 | 15 | 480 | 3 | 14.3 | R410A | - | 274 | 1-3 |
| HP-3 | CARRIER | 50PCH03NCC66CC1 | 3 | 36.0 | 20.4 | 75.5 | 67.6 | 7.5 | 85 | 96.6 | 9.0 | 68.0 | 4.4 | 1000 | - | - | 0.5 | 1/3 | 9 | 15 | 480 | 3 | 14.2 | R410A | - | 226 | 1-3 |
| HP-4 | CARRIER | 50PCH04NCC66CC1 | 4 | 46.1 | 37.5 | 77.0 | 64.1 | 10.0 | 85 | 96.6 | 4.7 | 68.0 | 4.7 | 1830 | - | - | 0.5 | 1/2 | 11 | 15 | 480 | 3 | 14.3 | R410A | - | 274 | 1-3 |
| HP-5 | CARRIER | 50PCH04NCC66CC1 | 3.5 | 39.1 | 30.0 | 76.2 | 64.2 | 8.8 | 85 | 96.6 | 12.6 | 68.0 | 4.3 | 1430 | - | - | 0.5 | 1/2 | 10 | 15 | 480 | 3 | 14.2 | R410A | - | 231 | 1-3 |
| HP-6 | CARRIER | 50PCH07ZCC36CC1 | 0.5 | 5.9 | 5.2 | 80.0 | 67.0 | 1.3 | 85 | 96.6 | 1.1 | 68.0 | 4.3 | 260 | - | - | 0.5 | 1/5 | 4 | 15 | 208 | 1 | 10.3 | R410A | - | 96 | 1-3 |

- NOTES:
 1. PROVIDE VIBRATION ISOLATION HANGERS.
 2. THERMOSTAT SHALL BE 7-DAY ELECTRONIC PROGRAMMABLE WITH AUTO CHANGEOVER.
 3. UNITS SHALL BE COMPLETE WITH COMPRESSOR SOUND BLANKET, DOG CONTROL, TO MATCH BUILDING STANDARDS.
 WATER TEMPERATURE SENSORS, 2-WAY CONTROL VALVE, FLOW CONTROL VALVE, STRAINER, CLOSED CELL INSULATION & MERV-8 FILTER.

EXHAUST FAN SCHEDULE

| TAG | MANUFACTURER | MFR. NO. | CFM | ESP | FAN HP/ AMPS | AREA SERVED | NOTES |
|-------|--------------|------------|-----|-------|-----------------|-------------|-------|
| TEF-1 | BRDAN | QTXE110 | 100 | 0.15" | 0.3A | TOILETS | 1,2,3 |
| TEF-2 | BRDAN | QTXE110 | 100 | 0.15" | 0.3A | TOILETS | 1,2,3 |
| EF-1 | LOREN COOK | 12XP26D132 | 300 | 0.5" | 1/4 - 110 WATTS | STORAGE | 1,2,4 |

- NOTES:
 1. PROVIDE DISCONNECT AND BACKDRAFT DAMPER.
 2. PROVIDE FAN SPEED CONTROLLER.
 3. PROVIDE VIBRATION ISOLATORS.
 4. PROVIDE LINE VOLTAGE THERMOSTAT.

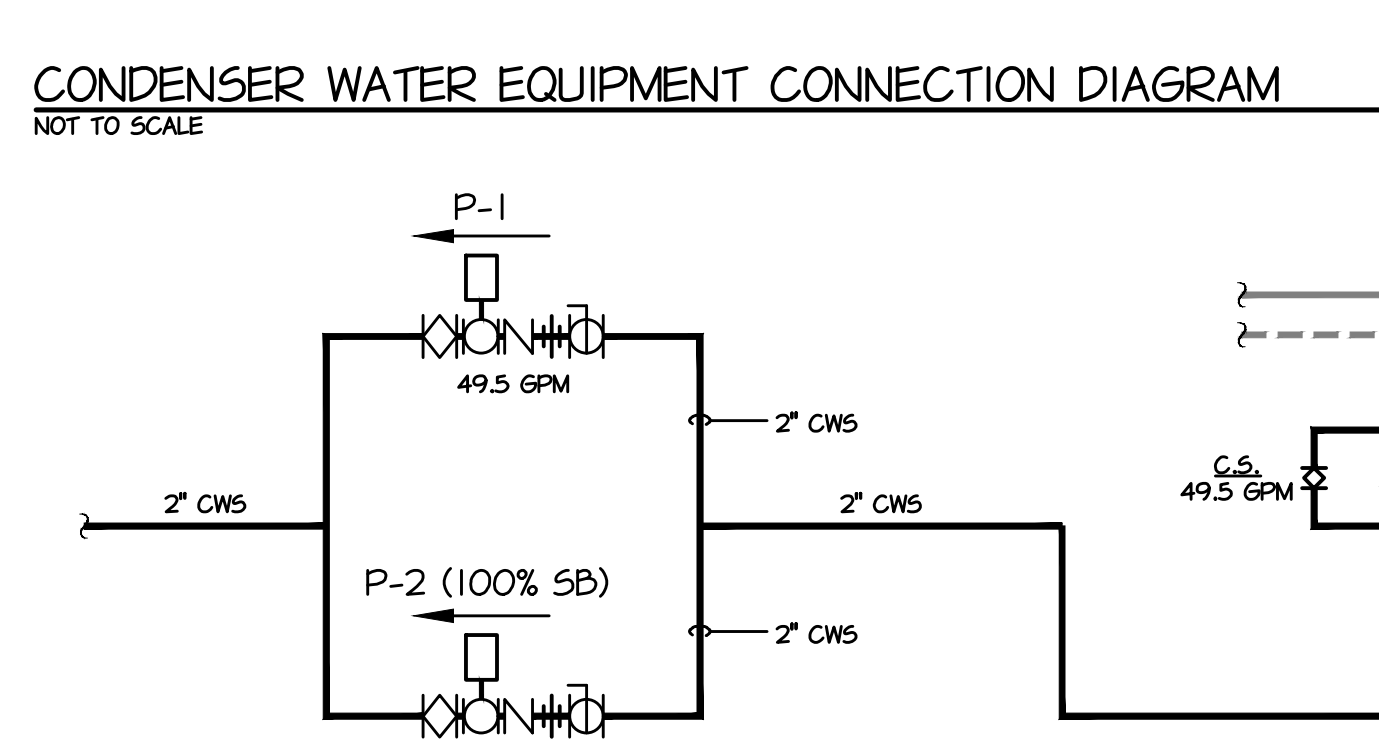
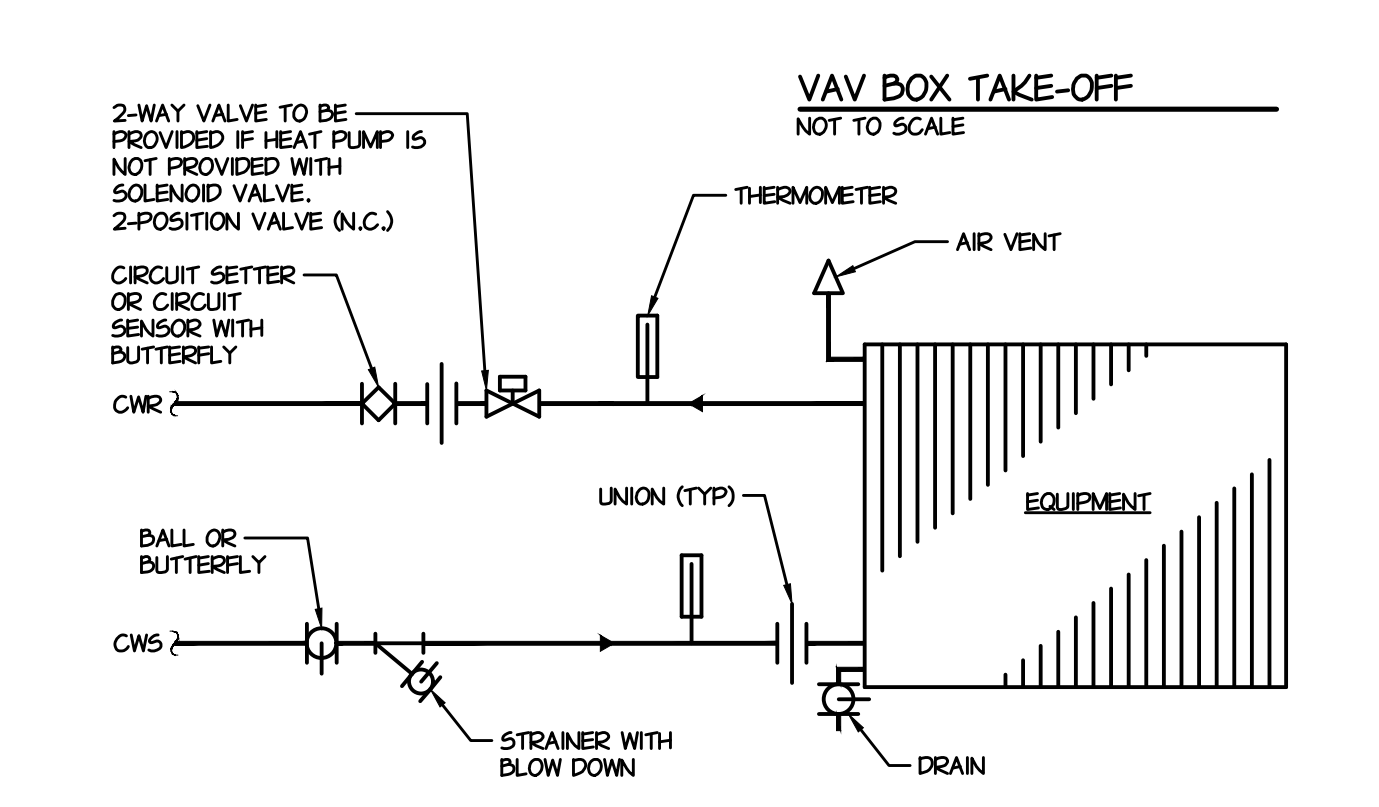
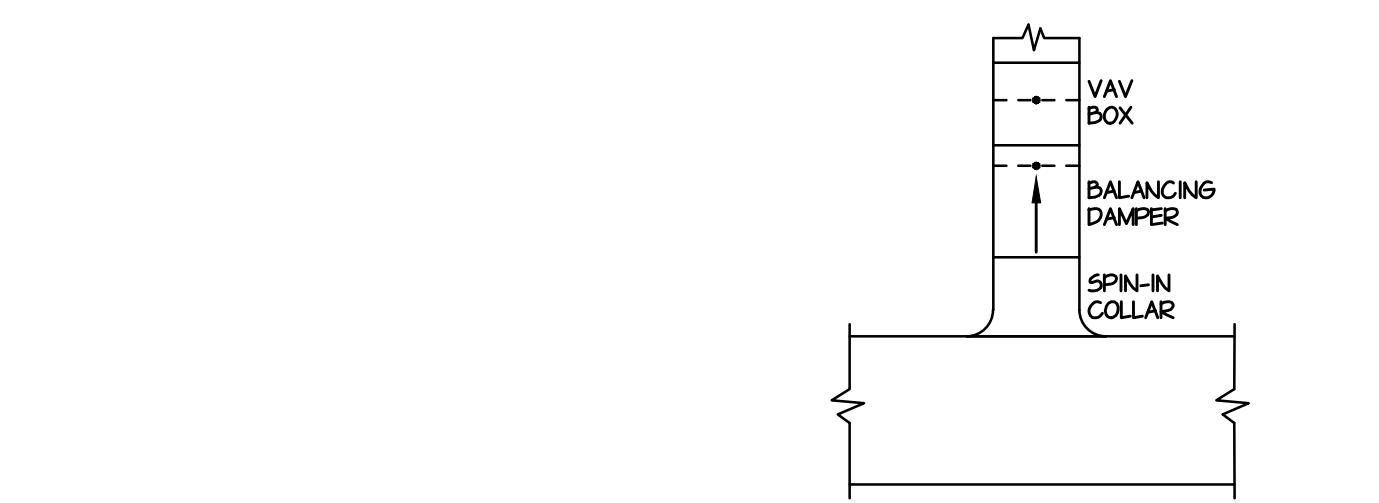
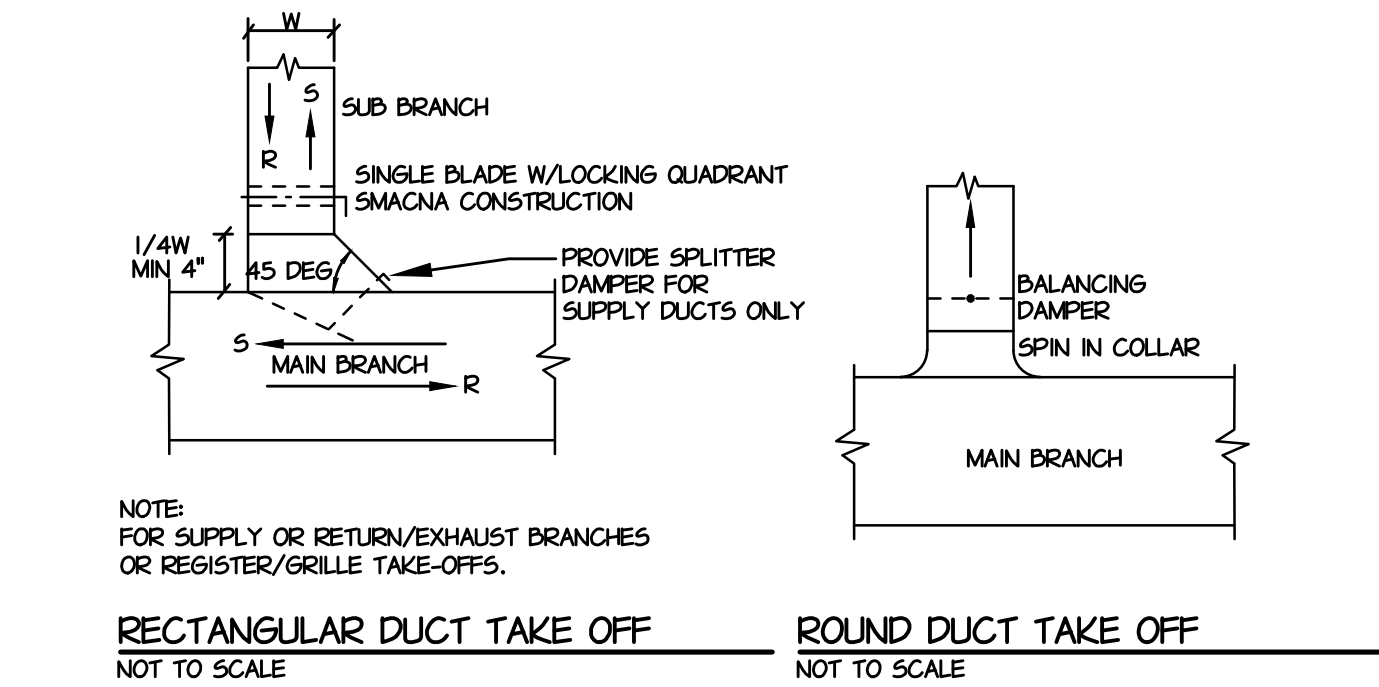
PUMP SCHEDULE

| ITEM TAG | MANUFACTURER AND MODEL NO. | SERVING | GPM | HEAD PRESS (FT) | ELECTRICAL DATA | | | REMARKS |
|----------|----------------------------|------------|------|-----------------|-----------------|-----|------|---------|
| | | | | | VOLT-FRHZ | HP | RPM | |
| P-1 | BELL & GOSSET 20-140 | HEAT PUMPS | 47.6 | 20 | 208-1-60 | 1/2 | 1750 | - |

- NOTES:
 1. P-2 IS 100% STAND-BY.

AIR BALANCE SCHEDULE

| UNIT | SUPPLY | RETURN | OUTSIDE | EXHAUST | SERVING |
|-------|--------|--------|---------|---------|---------------------|
| HP-1 | 1,830 | 1,605 | 225 | - | ENTIRE SPACE |
| HP-2 | 1,510 | 1,145 | 365 | - | ENTIRE SPACE |
| HP-3 | 1,000 | 525 | 475 | - | ENTIRE SPACE |
| HP-4 | 1,830 | 1,715 | 115 | - | ENTIRE SPACE |
| HP-5 | 1,430 | 1,190 | 240 | - | ENTIRE SPACE |
| HOOD | - | - | 2,085 | - | |
| KEF-1 | - | - | - | 2,852 | PIZZA |
| TEF-1 | - | - | - | 100 | TOILET |
| TEF-2 | - | - | - | 100 | TOILET |
| TOTAL | 9,685 | 6,180 | 3,505 | 3,052 | - |
| | | | | 453 | TOTAL BLDG AIR FLOW |



DUPLEX PUMP DIAGRAM - P-1/P-2
NOT TO SCALE

DESCRIPTION OF WORK - MECHANICAL

PROVIDE COMPLETE HEATING, VENTILATING, AIR CONDITIONING AND EXHAUST SYSTEMS READY FOR USE AS ITEMIZED, BUT NOT LIMITED TO, AS FOLLOWS:

DEMOLITION, REMOVAL, AND ALTERATIONS OF EXISTING SYSTEMS AND EQUIPMENT AS REQUIRED, THOUGH NOT SPECIFICALLY INDICATED, TO ACCOMMODATE THE PROPOSED WORK. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION AND FIELD VERIFY EXISTING CONDITIONS.

POLLUTION CONTROL UNIT (PCU) AND EXHAUST FAN.

DUCTWORK AND AIR DEVICES.

EXHAUST FANS.

LOUVERS AND DAMPERS.

THERMAL INSULATION AND DUCT LINING.

CONTROLS, CONTROL WIRING, AND INTERLOCKS.

CONDENSER WATER PIPING SYSTEM AND PUMPS.

RELATED WORK BY OTHER TRADES

ELECTRIC POWER WIRING.

ELECTRIC HEATERS THAT ARE NOT PART OF AN HVAC SYSTEM.

GAS PIPING.

MECHANICAL INSTALLATION NOTES

PROPOSAL PRICE SHALL INCLUDE SPECIFIED MATERIALS ONLY. SHOULD THE CONTRACTOR WISH TO SUBSTITUTE MATERIALS EQUIPMENT OR MANUFACTURERS, IT SHALL BE DONE BY STATING EACH SUBSTITUTION AND ITS PRICE ADJUSTMENT.

WORK SHALL BE PERFORMED IN ACCORDANCE WITH CODES AND AUTHORITIES HAVING JURISDICTION INCLUDING ADA GUIDELINES.

WORK SHALL BE PERFORMED IN A NEAT WORKMANLIKE MANNER.

PROCURE AND PAY FOR REQUIRED PERMITS AND INSPECTIONS.

THIS TRADE SHALL DO ITS OWN CUTTING AND PATCHING - TRENCHING AND BACKFILLING.

CONFER WITH THE OTHER TRADES IN THE COORDINATION OF THIS WORK FOR CLEARANCES, CHASES, RECESSES AND OPENINGS REQUIRED.

THESE DRAWINGS ARE TO BE USED FOR BIDDING ONLY. ROUGH-IN AND FINAL CONNECTION SHALL BE MADE FROM APPROVED EQUIPMENT DRAWINGS ONLY.

GUARANTEE THE WORK TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL CERTIFICATE. ANY REPAIRS OR REPLACEMENT DURING THIS PERIOD SHALL BE MADE WITHOUT COST TO THE OWNER.

PROVIDE INSULATED CONDENSATE DRAINS AS REQUIRED FOR ALL INDOOR HVAC EVAPORATOR COILS AND PIPE TO NEAREST APPROVED WASTE RECEPTOR. WHERE DRAINING BY GRAVITY IS NOT POSSIBLE PROVIDE CONDENSATE PUMPS AND INFORM EIC WHERE ADDITIONAL POWER IS REQUIRED.

PROVIDE CONDENSATE PANS BELOW EVERY FAN COIL UNIT. PANS SHALL BE WELDED STAINLESS STEEL IN DIMENSIONS 2" LARGER THAN FC DEPTH AND WIDTH AND BE 2" TALL. EACH PAN SHALL BE PROVIDED WITH A WATER SENSOR WHICH SHALL BE INTERLOCKED TO SHUT-DOWN RESPECTIVE FC AND SOUND ALARMBE ALARM.

CONSTANT AIR VOLUME BOX SCHEDULE

LOREN COOK DESV VAV BOX/CONSTANT VOLUME DAMPER WITH 16" RD INLET AND INTEGRAL AIRFLOW SENSOR, SET AIRFLOW TO 3505 CFM DURING OCCUPIED PERIODS (REGARDLESS OF HEATING, COOLING OR NONE).

CONDENSER WATER SUPPLY AND RETURN PIPING SHALL BE SCHEDULE 40 BUTTWELD ASTM A-120 BLACK STEEL PIPING WITH CAST IRON SCREWED TYPE FITTINGS.

INSULATE SUPPLY DUCTS WITH 1 1/2" BLANKET TYPE FIBERGLASS INSULATION WITH FACTORY APPLIED FIBERGLASS REINFORCED ALUMINUM FOIL FACING AND AN R-VALUE OF 6. OR GREATER. INSULATION SHALL BE WRAPPED TIGHT WITH JOINTS ADJUTED AND SEALED, AND BE SECURED IN ACCORD WITH MANUFACTURER'S RECOMMENDATIONS.

ALL KITCHEN GREASE EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED WITH (2) 1/2" LAYERS OF HIGH TEMPERATURE FLEXIBLE BLANKET. THE GREASE DUCT ENCLOSURE SYSTEM SHALL BE AS MANUFACTURED BY MORGAN MATERIALS. THERMAL CERAMIC FIRE-MASTER FAST-WRAP TO REDUCE THE CLEARANCE TO CO-EQUIPMENT TO 2500 AND PROVIDE A 2-HOUR RATED ENCLOSURE AND SHALL BE LISTED BY "UL". PROVIDE FAST DOOR XL AT CLEANOUT INSPECTION POINTS. DO NOT INSULATE GREASE EXHAUST DUCTWORK LOCATED ON ROOF.

PROVIDE CLEANOUT/ACCESS PANELS IN GREASE DUCT EVERY 25 LF AND AFTER EACH ELBOW.

MAKEUP AIR DUCTS CONNECTING TO OR WITHIN 18" OF THE HOOD SHALL CONSTRUCTED AND INSULATED PER APPLICABLE CODE SECTIONS.

DUCTS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH RECOMMENDATIONS SET FORTH IN SMACNA MANUAL.

FLEXIBLE ROUNDTOPS (MAX. 50") SHALL BE INSULATED WITH VAPOR BARRIER CONTAINING NO PVC.

SEAL TRANSVERSE DUCT JOINTS IN ACCORD WITH SMACNA CLASS "B".

PROVIDE MANUALLY OPERATED VOLUME CONTROL AND/OR SPLITTER DAMPERS IN DUCT BRANCHES WHERE NECESSARY FOR PROPER BALANCING OF AIR HANDLING SYSTEMS. DAMPERS ABOVE INACCESSIBLE CEILINGS SHALL HAVE EXTENDED ARMS OR REMOTE OPERATORS. DAMPERS SPECIFIED WITH AIR DEVICES SHALL NOT REPLACE DAMPERS IN BRANCH DUCTWORK.

LOUVERS SHALL BE RUSKIN ELF5750X WITH SCREENS IN SIZES AS NOTED ON DRAWINGS WITH PAINTED FINISH (RYNAR 500 OR HYLAR 500X) SELECTED BY ARCHITECT.

CONTROL DAMPERS SHALL BE RUSKIN CD356 GALVANIZED STEEL LOW LEAKAGE TYPE IN SIZES AS NOTED ON THE DRAWINGS. PROVIDE MANUAL OPERATORS OR MOTORIZED ACTUATORS AS INDICATED OR REQUIRED.

PROVIDE TYPE "B" GAS VENTS FOR BOILERS, FURNACES, UNIT HEATERS, AND WATER HEATERS. VENT SHALL PENETRATE ROOF WITH TALL FLASHING CONE AND STORM COLLAR. TERMINATE WITH CAP.

ELECTRICAL CHARACTERISTICS ARE 120/208V/3PH/4W AND 277/480V/3PH/4W.

IDENTIFICATION: STENCIL HVAC UNITS AND EXHAUST FANS WITH 4" HIGH X 3/4" THICK LETTERS WITH THE INDICATED UNIT NUMBERS. PROVIDE 3/4" HIGH WHITE FACED MICARTA WITH BLACK LETTERS AT EACH HVAC UNIT THERMOSTAT WITH UNIT NUMBERS.

CURBS SHALL BE INSULATED AND PROVIDED WITH NAILERS, CANTS AND 16 GA. GALVANIZED STEEL SHELL AND BASE PLATE.

EQUIPMENT SUPPORTS SHALL HAVE 18 GA. GALVANIZED STEEL SHELL, CANTS, NAILERS AND COUNTERFLASHING.

PIPING SHALL PENETRATE THE ROOF THROUGH A CURB WITH AN INSULATED CAP, EPDM COVER WITH 3-1/2" PIPE PENETRATION SLEEVES, AND EPDM BOOTHS WITH ADJUSTABLE SS BANDS.

PRIOR TO PLACING IN SERVICE, CLEAN AND FLUSH ENTIRE CONDENSER WATER SYSTEM IN ACCORDANCE WITH EQUIPMENT MANUFACTURER RECOMMENDATIONS. SYSTEM WATER SHALL BE TESTED AND TREATED AS RECOMMENDED BY CURRENT INDUSTRY STANDARDS AND EQUIPMENT MANUFACTURERS FOR THE PROPOSED SYSTEMS.

PROVIDE ACCESS PANELS WHERE REQUIRED FOR SERVICING DEVICES AND EQUIPMENT AND COORDINATE SIZES AND LOCATIONS WITH ARCHITECT.

TEST AND BALANCE THE AIR SUPPLY, RETURN, AND EXHAUST SYSTEMS TO WITHIN 10% OF THE INDICATED QUANTITIES AND PROVIDE THREE COPIES OF A REPORT FOR USER.

TEST AND BALANCE CONDENSER WATER SYSTEM TO WITHIN 10% OF THE USER.

INSPECT AND TEST EXISTING HVAC EQUIPMENT BEING REUSED AS A PART OF THIS WORK, DETERMINE CONDITION AND CONFIRM OPERATION AT RATED CAPACITIES. PROVIDE WRITTEN REPORT OF FINDINGS AND ANY REPAIRS REQUIRED WITH RELATED PRICING.

WHERE NOTED ON DRAWINGS, REQUIRED BY BULLETIN 90A OF THE NATIONAL FIRE PROTECTION ASSOCIATION, OR REQUIRED BY CODE, FURNISH AND INSTALL "B" FIRE DAMPERS CONSTRUCTION AS PER THE SMACNA FIRE SMOKE AND RADIATION DAMPER INSTALLATION GUIDE FOR HVAC SYSTEMS AND/OR BULLETIN 90A OF THE NATIONAL FIRE PROTECTION ASSOCIATION, WHERE FIRE DAMPERS OCCUR ABOVE AN INACCESSIBLE CEILING OR WALL, PROVIDE MINIMUM 16-16 RATED HINGED ACCESS DOOR IN PENETRATION OF RATED WALLS, SHAFTS, FLOORS, ETC. VERIFY LOCATIONS OF RATED ELEMENTS WITH ARCHITECTURAL DRAWINGS.

PROVIDE SUBMITTALS FOR THE FOLLOWING ITEMS, FOR REVIEW, WITHIN 30 DAY OF NOTICE TO PROCEED. IF THE REQUESTED SUBMITTALS ARE NOT PROVIDED, ANY CHANGE ORDERS THAT COULD HAVE BEEN PRESENTED AS A PART OF THE REVIEW PROCESS WILL NOT BE THE RESPONSIBILITY OF CARLELAND KRAUS ENGINEERING.

SCALED DUCTWORK INSTALLATION DRAWINGS.

AIR DEVICES.

EXHAUST FANS.

LOUVERS AND DAMPERS.

MECHANICAL SYMBOLS

- FD FIRE DAMPER
- OAI OUTDOOR AIR INTAKE
- S SUPPLY AIR
- R RETURN AIR
- E EXHAUST AIR
- FPYAV FAN POWERED VARIABLE AIR VOLUME
- VAV VARIABLE AIR VOLUME
- RTU ROOFTOP UNIT
- AHU AIR HANDLING UNIT
- UH UNIT HEATER
- EF EXHAUST FAN
- UNO UNLESS NOTED OTHERWISE
- G GAS PIPING
- ☒ SUPPLY OPENING
- ☒ RETURN/EXHAUST OPENING
- || BALL VALVE
- || BUTTERFLY VALVE
- || UNION
- || PUMP
- ⊖ THERMOSTAT
- ⊕ BASEBOARD A-TYPE, LF-ACTIVE LENGTH
- ⊕ RISER A-TYPE, RISER REFERENCE
- ⊕ CIRCUIT SETTER
- ⊕ EQUIPMENT TAG - SEE SCHEDULE ON KITCHEN DRAWINGS

DEFINITIONS

DISCONNECT
 DISCONNECT EQUIPMENT/DEVICE CONNECTION, WITHDRAW SERVICES) BEYOND ADJACENT SURFACE AND CAP. ALLOW ENOUGH ROOM TO FINISH OPENING SIMILAR TO ADJACENT SURFACE. SERVICES) THRU FLOOR SHALL BE WITHDRAWN INTO SPACE BELOW. SERVICES) THRU CEILING SHALL BE WITHDRAWN INTO CEILING SPACE. CAP SERVICES) EXCEPT WHERE IT IS TO BE EXTENDED FOR A NEW SERVICE CONNECTION, DOMESTIC WATER AND SANITARY PIPING DEAD ENDS SHALL BE LIMITED TO 2'-0" (MAX). REMOVE SLEEVES WHERE THEY EXIST AND HOLES FILLED AND FINISH REPAIRED BY THE GENERAL CONTRACTOR. CONDUIT IN SLABS SHALL BE CUT OFF BELOW ADJACENT FINISH AND SHALL HAVE WIRING WITHDRAWN TO NEXT ACCESSIBLE OPENING WHERE OTHER EQUIPMENT OR DEVICES ARE SERVED OR TO THE PANEL WHERE ONLY THIS EQUIPMENT/DEVICE IS SERVED. CONDUIT AND WIRING ABOVE GRADE SHALL BE REMOVED BACK TO PANEL OR POINT OF ORIGIN.

REMOVAL
 IN MULTI-TENANT BUILDINGS WHERE SERVICES ARE CONTINUED IN A SPACE OR SPACES THAT ARE PART OF ANOTHER TENANT, REMOVE SERVICES) TO ITS TERMINATION IN A SPACE CONTROLLED BY THE PROPOSED TENANT OR TO A SPACE CONTROLLED BY THE LANDLORD/MANAGEMENT. COORDINATE THESE TERMINATIONS WITH LANDLORD/MANAGEMENT.

REMOVAL
 MATERIALS/EQUIPMENT/DEVICES TO BE REMOVED AND NOT RELOCATED OR STORED AS WELL AS CONSTRUCTION MATERIALS ACCUMULATED DURING THE REMOVAL WORK SHALL BE REMOVED AND DISPOSED OF AT THE EXPENSE OF THE RESPECTIVE TRADE. BLANK UP OPENINGS THAT ARE TO BE ABANDONED IN EXISTING WALLS THAT REMAIN.

DUST CONTROL
 IN GENERAL, THE DUST CONTROL SHALL BE PROVIDED AND MAINTAINED BY THE GENERAL CONTRACTOR. THIS TRADE SHALL COORDINATE ITS WORK WITH THE GENERAL CONTRACTOR WITH REGARD TO DUST CONTROL IN THE AREA INDICATED FOR NEW WORK. SPECIAL CONTROL FOR HEALTH AND SAFETY OF WORKERS, FOR WORK OUTSIDE THE AREA REGARDLESS AS THE NEW WORK AREA, AND AS REQUIRED BY SPECIAL CONDITIONS SHALL BE BY THIS TRADE.

INTERLOCK OF SERVICES
 WORK THAT REQUIRES INTERLOCKING OF SERVICES TO PORTIONS OF THE BUILDING OTHER THAN AREAS IN WHICH THE WORK IS TO BE ACCOMPLISHED SHALL BE COORDINATED WITH THE BUILDING MANAGEMENT AND ACCOMPLISHED DURING THE NIGHTTIME OR ON WEEKENDS AND AT NO ADDITIONAL COST.

GENERAL NOTES
 REVIEW EXISTING CONDITIONS AND INCLUDE NECESSARY CHANGES AS A PART OF THE BID. INFORM USERS OF DIFFERENCES.
 (E) EXISTING EQUIPMENT/DEVICE TO REMAIN.
 (ER) EXISTING EQUIPMENT/DEVICE TO BE REMOVED. THIS TRADE SHALL DISCONNECT THE SERVICES).
 (END) DISCONNECT EXISTING EQUIPMENT/DEVICE AND ALTER SERVICES FOR NEW EQUIPMENT/DEVICE AT THE SAME

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DATE: 09-27-24
1/4" = 1'

| REVISIONS | |
|-------------|------|
| DESCRIPTION | DATE |
| | |
| | |
| | |

CAPTIVE-AIRE
Pittmont Office
6303 Carmel Road, Suite 105, Charlotte, NC 28226 PHONE: (704) 844-9088 FAX: (919) 227-5062 EMAIL: reg30@captiveaire.com

Oaklander Wine and Pizza
PITTSBURGH, PA 15203

DATE: 12/19/2019

DWG.#: 4129008

DRAWN BY:

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

MASTER DRAWING

SHEET NO. 1

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OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

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HOOD DETAILS

M-002

HOOD INFORMATION - Job#4187998

| HOOD NO. | TAG | MODEL | LENGTH | MAX. COOKING TEMP. | TYPE | APPLIANCE DUTY | DESIGN CFM/H | TOTAL EXH. CFM | EXHAUST PLENUM RISER(S) | | | | TOTAL SUPPLY CFM | HOOD CONSTRUCTION | HOOD CONFIG. | | |
|----------|-----|-----------------|--------|--------------------|------|----------------|--------------|----------------|-------------------------|-------|--------|------|------------------|-------------------|----------------------|-------|-------|
| | | | | | | | | | WIDTH | LENG. | HEIGHT | DIA. | | | CFM | VEL. | S.P. |
| I | | 6624 ND-2-PSP-F | 13' 7" | 600 Deg. | I | Heavy | 210 | 2852 | 4" | 14" | 1426 | 1334 | -0.536" | 2282 | 430 55 Where Exposed | ALONE | ALONE |

PATENT NUMBERS
AC-PSP (United States) - US Patent 7963830 B2
AC-PSP Wall (Canada) - CA Patent 2820509
AC-PSP Island (Canada) - CA Patent 2520330

HOOD INFORMATION

| HOOD NO. | TAG | FILTER(S) | | | | LIGHT(S) | | | | UTILITY CABINET(S) | | | | FIRE SYSTEM PIPING | HOOD HANGING WEIGHT | | |
|----------|-----|----------------------|------|--------|--------|------------------------|------|----------------|------------|--------------------|-------------|-----------------------|------|--------------------|---------------------|--------------------|-------------------|
| | | TYPE | QTY. | HEIGHT | LENGTH | EFFICIENCY @ 7 MICRONS | QTY. | TYPE | WIRE GUARD | LOCATION | SIZE | FIRE SYSTEM | SIZE | | | ELECTRICAL MODEL # | SWITCHES QUANTITY |
| I | | Captrate Solo Filter | 10 | 20" | 16" | 85% See Filter Spec. | 7 | L55 Series E26 | NO | Wall Mnt | 12"x54"x24" | Electric Wet Chemical | 3.0 | DCV-1111 | 1 Light 1 Fan | YES | 851 LBS |

HOOD OPTIONS

| HOOD NO. | TAG | OPTION |
|----------|-----|--|
| I | | FIELD WRAPPER 18.00" High Front, Left |
| | | BACKSPLASH 120.00" High X 164.00" Long 430 55 Vertical |
| | | RIGHT SIDESPLASH 122.00" High X 84.00" Long 430 55 Vertical |
| | | RIGHT END STANDOFF (FINISHED) 1" Wide 66" Long Insulated |
| | | LEFT VERTICAL END PANEL 27" Top Width, 21" Bottom Width, 60" High Insulated 430 55 |
| | | RIGHT WALL AS END PANEL |

Fire System Information - Job#4129008

| FIRE SYSTEM NO. | Tag | TYPE | SIZE | FLOW POINTS | INSTALLATION SYSTEM | LOCATION ON HOOD |
|-----------------|-----|------------|------|-------------|---------------------|------------------|
| I | | Ansul R102 | | 4 | Wall | N/A |

PERFORATED SUPPLY PLENUM(S)

| HOOD NO. | TAG | POS. | LENGTH | WIDTH | HEIGHT | TYPE | RISER(S) | | | |
|----------|-----|-------|--------|-------|--------|------|----------|-------|------|--------|
| | | | | | | | WIDTH | LENG. | DIA. | CFM |
| I | | Front | 164" | 16" | 6" | MJA | 12" | 28" | 760 | 0.187" |
| | | | | | | MJA | 12" | 28" | 760 | 0.187" |
| | | | | | | MJA | 12" | 28" | 760 | 0.187" |

CAPTIVE-AIRE HOODS ARE ETL LISTED AND LABELED IN COMPLIANCE WITH

NFPA #96
NSF
UL 710 & UL710 STANDARDS
E.T.L. LISTED 3054804-001

FOR QUESTIONS, CALL THE CHARLOTTE, NORTH CAROLINA AVERY GRANT
PHONE: 704-844-9088, FAX: 704-844-0599
EMAIL: reg30@captiveair.com

SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

THE CAPTRATE GREASE-STOP SOLO FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE 5-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

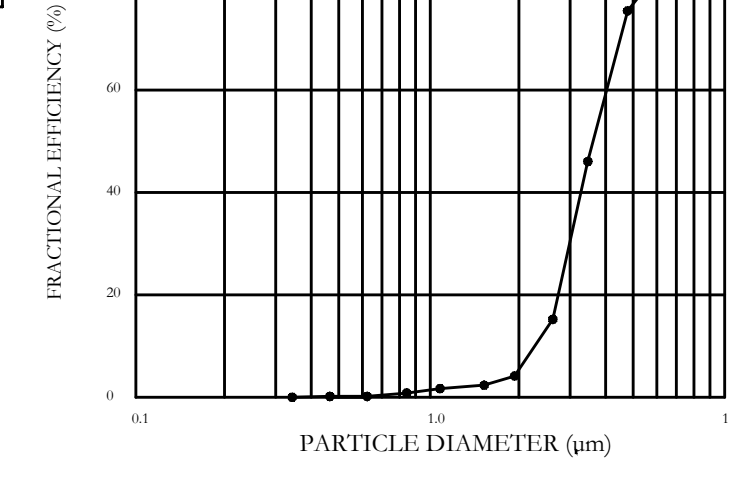
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

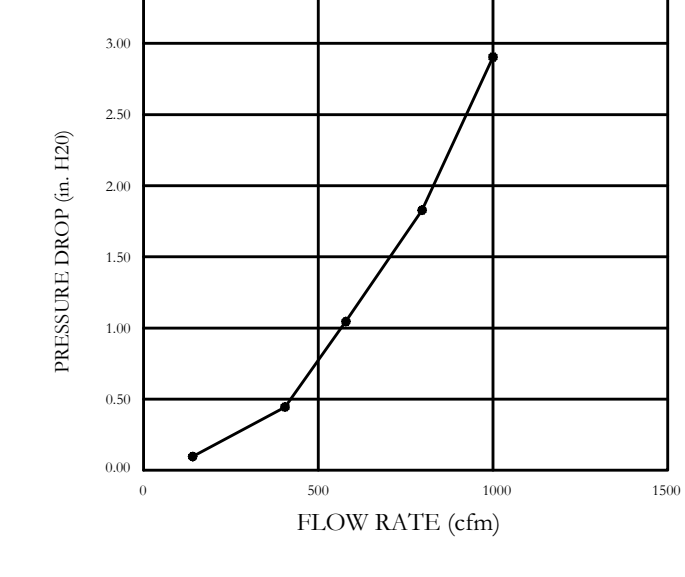
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO WAS TESTED TO ASTM STANDARD ASTM F2519-05, MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



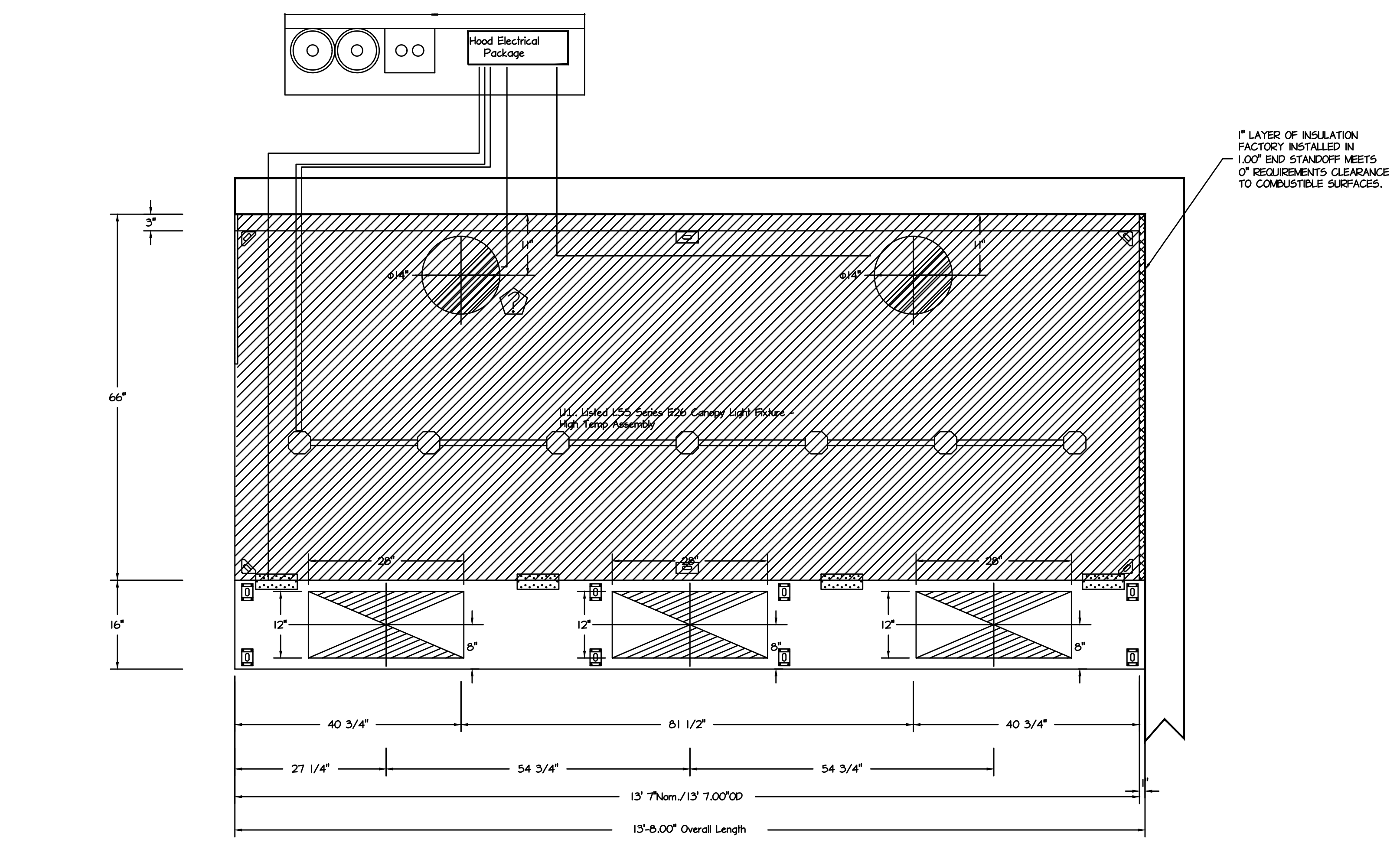
PRESSURE DROP VS. FLOW RATE



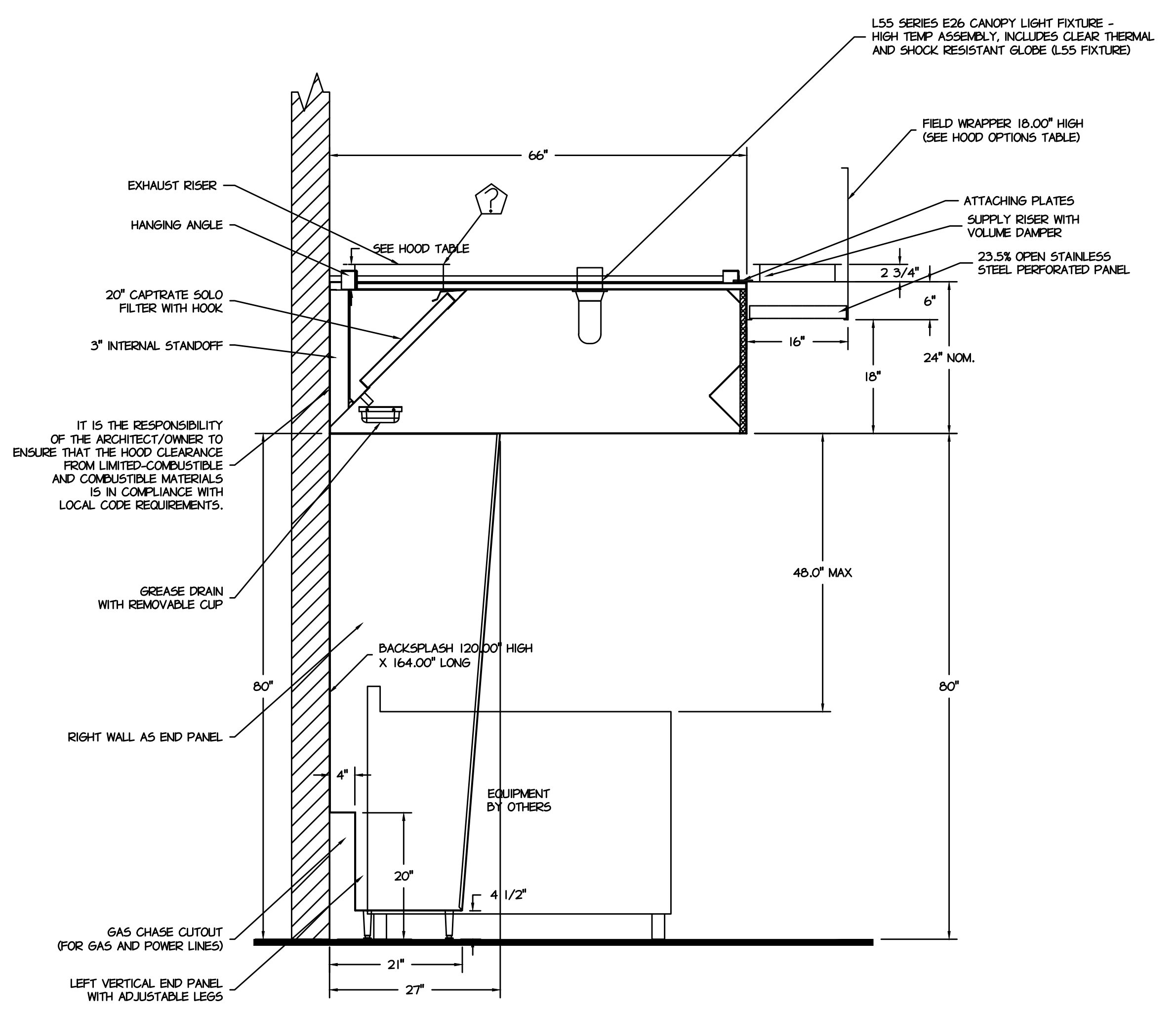
CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96
NSF STANDARD #2
UL STANDARD #1046
INT. MECH. CODE (IMC)
ULC-5649

VERIFY CEILING HEIGHT

Height required to verify that the hood will fit and to size the enclosure panels



PLAN VIEW - Hood #1
13' 7.00" LONG 6624ND-2-PSP-F
NOTE: Additional hanging angles provided for hoods 12' and longer.



SECTION VIEW - MODEL 6624ND-2-PSP-F HOOD - #1

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Fire System Information - Job#4187998

| FIRE SYSTEM NO. | TAG | TYPE | SIZE | FLOW POINTS | INSTALLATION | |
|-----------------|-----|-----------------------|------|-------------|---------------------------|------------------|
| | | | | | SYSTEM | LOCATION ON HOOD |
| I | | Electric Wet Chemical | 3.0 | 4 | Wall Utility Cabinet Left | N/A |

CAS VALVE(S)

| FIRE SYSTEM NO. | TAG | TYPE | SIZE | SUPPLIED BY |
|-----------------|-----|---------------|------|--------------------|
| I | | SC Electrical | O | CaptiveAir Systems |

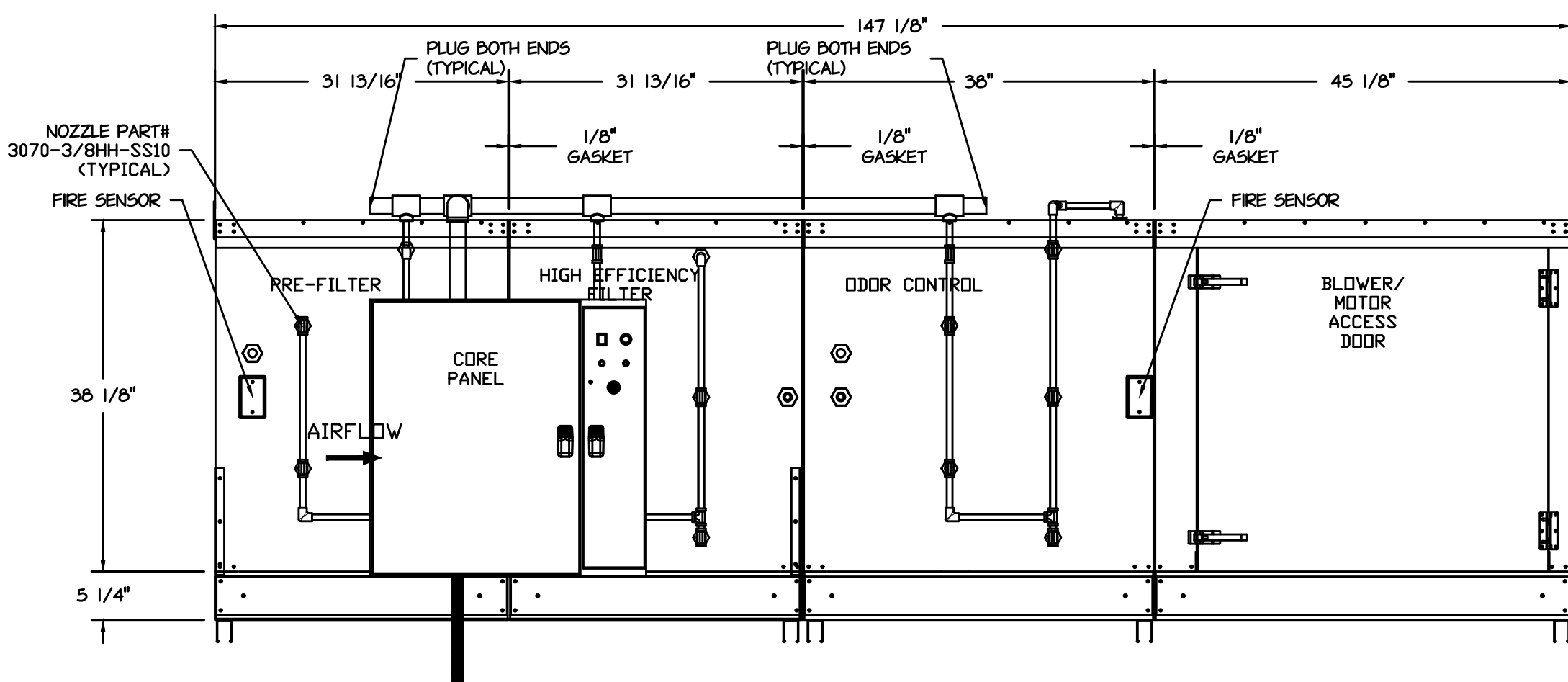
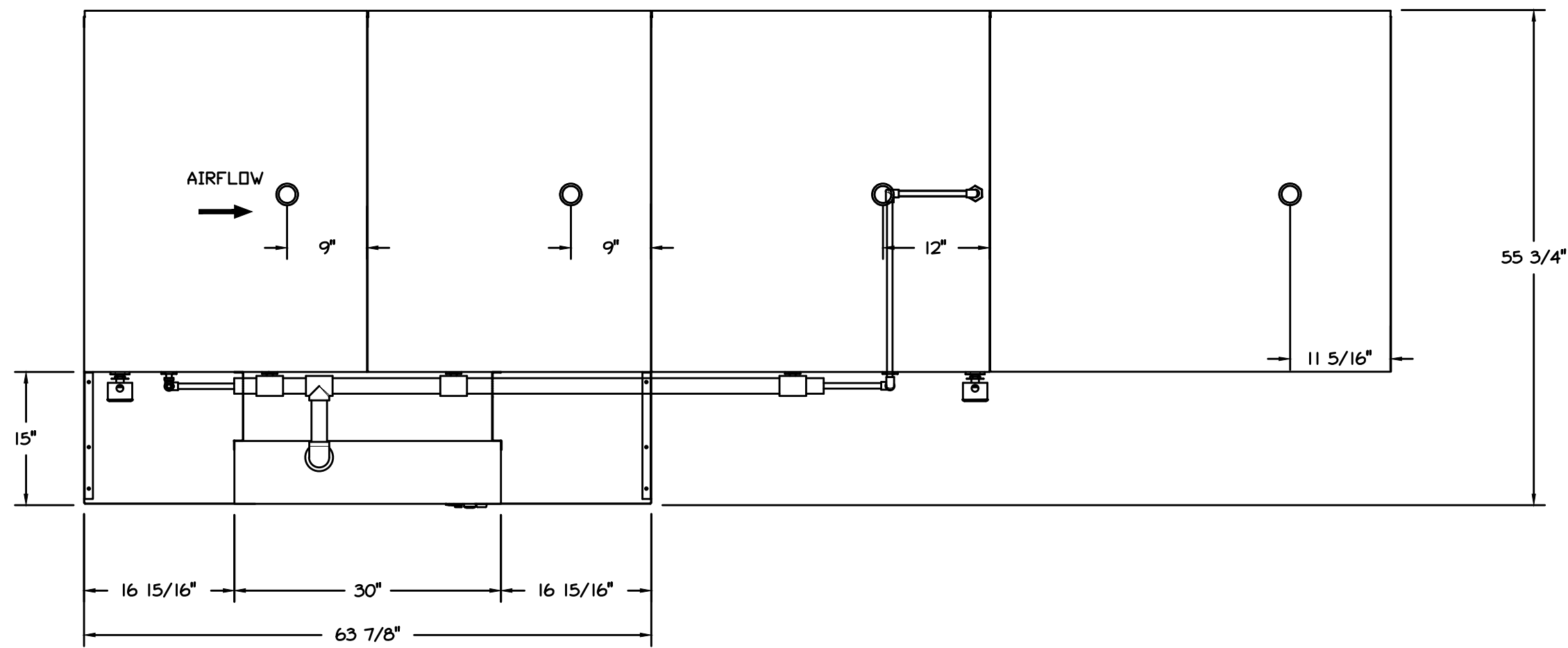
Fire System Parts List Key

| FIRE SYSTEM NO. | TAG | KEY NUMBER - PART DESCRIPTION | QTY. BY FACTORY | QTY. BY DIST. |
|-----------------|-----|--|-----------------|---------------|
| | | 0 - 0 - 100-BW 2x4 Blank Plate for J-Box | 2 | 0 |
| | | 0 - 0 - 12-F28021-005360 Duct Fire Thermostat. NO. Close on temp rise at 360°F. | 2 | 0 |
| | | 0 - 0 - 59361-1/2 2x4 Extension Ring | 2 | 0 |
| | | 0 - 0 - A0029078 Junction Box for CORE Protection Manual Pull Station. 1.5" Deep Back Box, Blue | 1 | 0 |
| | | 0 - 0 - Tank Strap Tank Strap - used for ANSUL Tanks | 1 | 0 |
| | | 0 - 0 - UCTANKBRACKET Tank Bracket for fire system tank installation in utility cabinets | 1 | 0 |
| | | 1 - 1 - AT - 3.0 TANK(11B) - 3.0 Gallon 55 Tank (for use with Automan Release, Actuator, or 55 Enclosure (UL/ULC)) Macola # 01-429862 | 1 | 0 |
| | | 3 - 3 - ANS-DEM-ELEC-24 REGULATED RELEASE - Ansul Regulated 24V ELECTRICAL Release/Bracket Assembly, OEM, R-102, Cartridge Detection Included, Ansul Part # 429859 | 1 | 0 |
| | | 5 - 5 - LIQ-3.0 AGENT - Ansulox Low PH Wet Chemical Agent, 3 Gallon (UL) 79372 | 0 | 1 |
| | | 7 - 7 - 101-20 CARTRIDGE - Carbon Dioxide 101-20, 3 Gallon Cartridge (R-102) | 0 | 1 |
| | | 34 - 34 - A0019852 24VDC Single Action Manual Actuation Device (Push/Pull Station) With Protective Cover, One (1) Normally Open Contact | 1 | 0 |
| | | ADDITIONAL PARTS TO BE DETERMINED... | | |

POLLUTION CONTROL UNIT FIRE SYSTEM

FAN #1 KB18 - EXHAUST FAN - POLLUTION CONTROL UNIT WITH CORE PROTECTION FIRE SYSTEM INSTALLED. INCLUDES STEEL PRE-FILTER MODULE, HIGH EFFICIENCY MERV 15 FILTER MODULE, AND DDOR CONTROL MODULE PREPIPED WITH 17 3070-3/8HH-S310 NOZZLES AND INCLUDES DOWNSTREAM PROTECTION. ELECTRIC FIRE DETECTOR AND NOZZLES ARE INCLUDED.
- 36 INCHES CLEARANCE REQUIRED IN FRONT OF ALL UTILITY CABINET DOORS.

FIELD PIPING



System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.

EXHAUST FAN INFORMATION - Job#4187998

| FAN UNIT NO. | TAG | FAN UNIT MODEL # | CRM | ESP. | RPM | H.P. | B.H.P. | φ | VOLT | FLA | WEIGHT (LBS.) | SONES |
|--------------|-------|------------------|------|-------|------|-------|--------|---|------|-----|---------------|-------|
| I | KEF-1 | KB18 | 2852 | 2.000 | 1571 | 3.000 | 2.3930 | 3 | 460 | 3.8 | 1367 | 22 |

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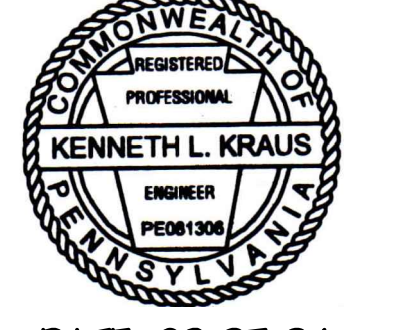
CAPTIVE
 Piedmont Office
 6303 Carmel Road, Suite 105, Charlotte, NC 28226 PHONE: (704) 844-9888 FAX: (919) 227-5062 EMAIL: reg30@captiveair.com

KNAUER

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 226 Green Bay Road
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 (847) 948-9500
 www.knauerinc.com

6893M003 09/27/24
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 LIC #PE081306
 EXP: 09/29/25
 306 Oak Grove Dr., Wauconda, IL 60084
 T (847) 719-1708 F (847) 719-1738
 Plumbing ♦ Mechanical ♦ Electrical

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DATE: 09-27-24



Oaklander Wine and Pizza
 PITTSBURGH, PA 15203

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 5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

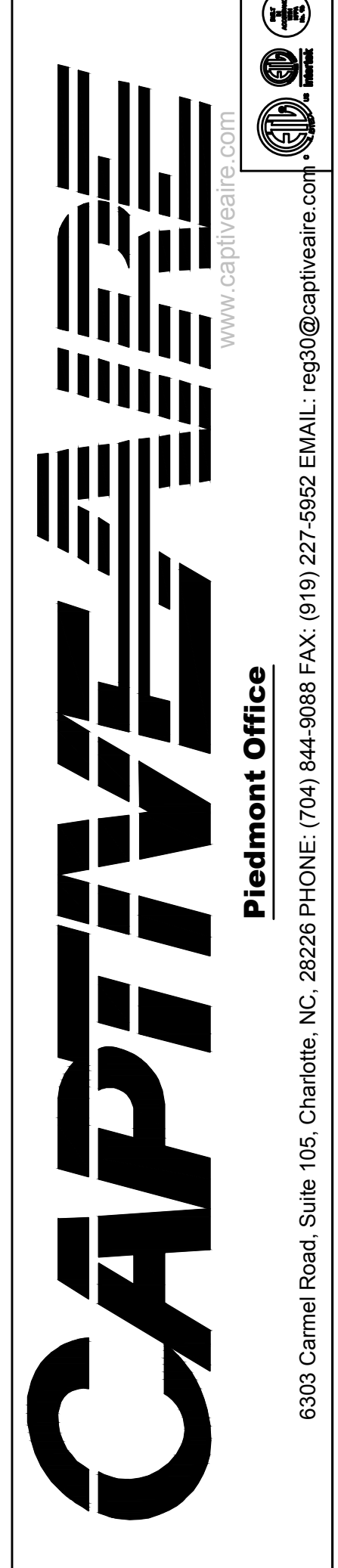
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DWG.#: 4129008

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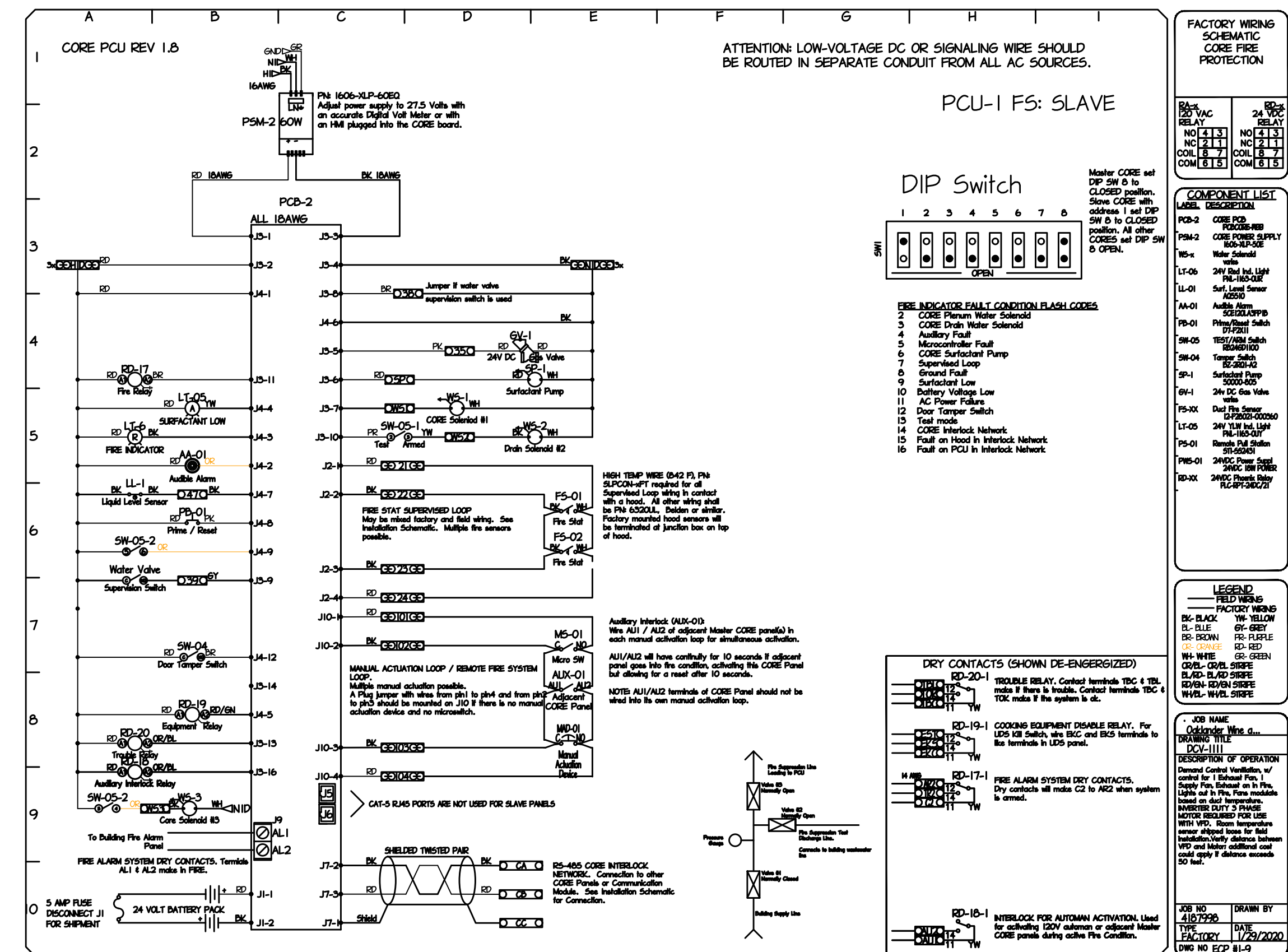
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PITTSBURGH, PA 15213

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System Design Verification (SDV)

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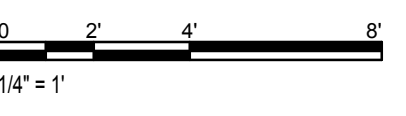
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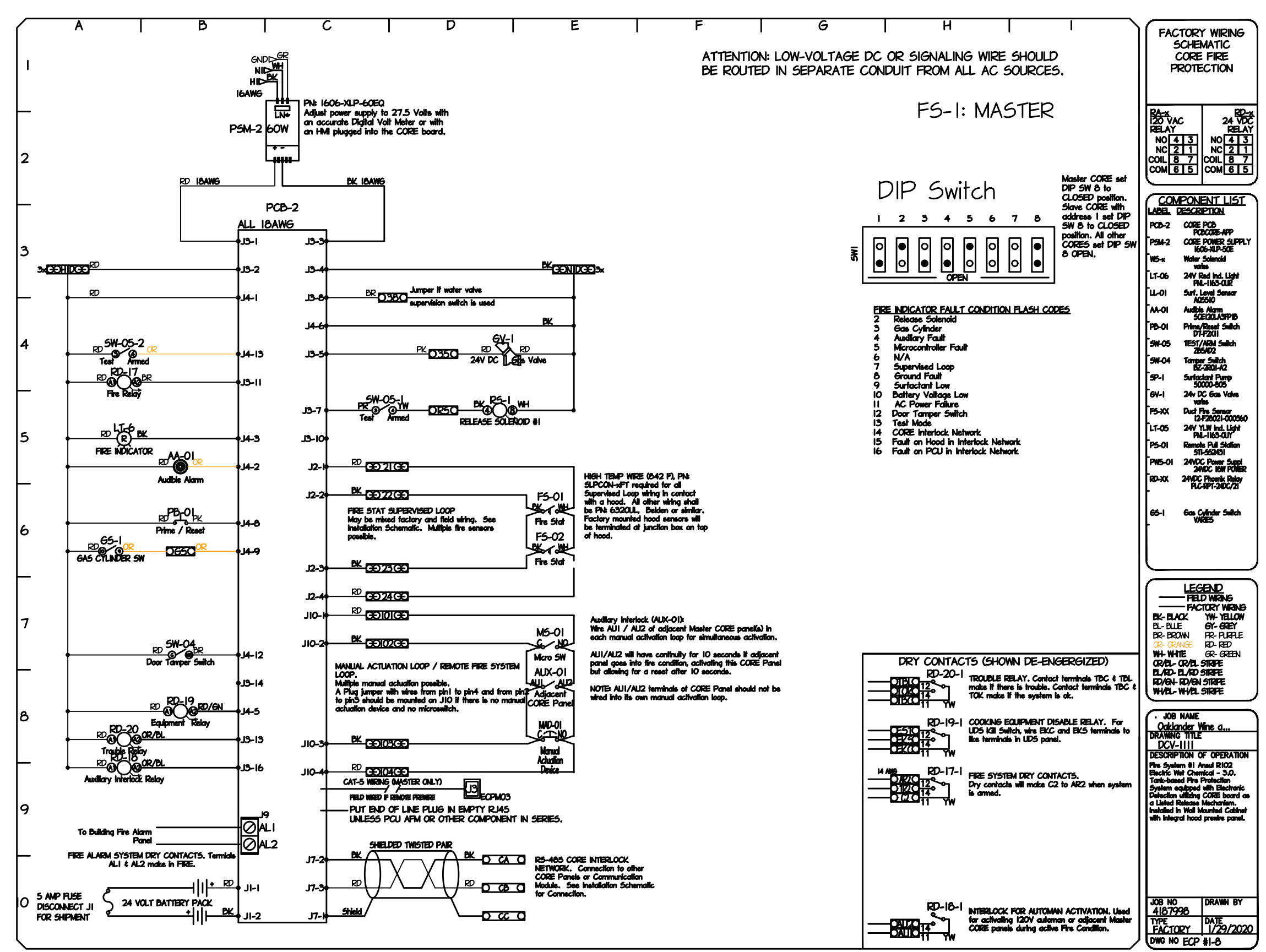
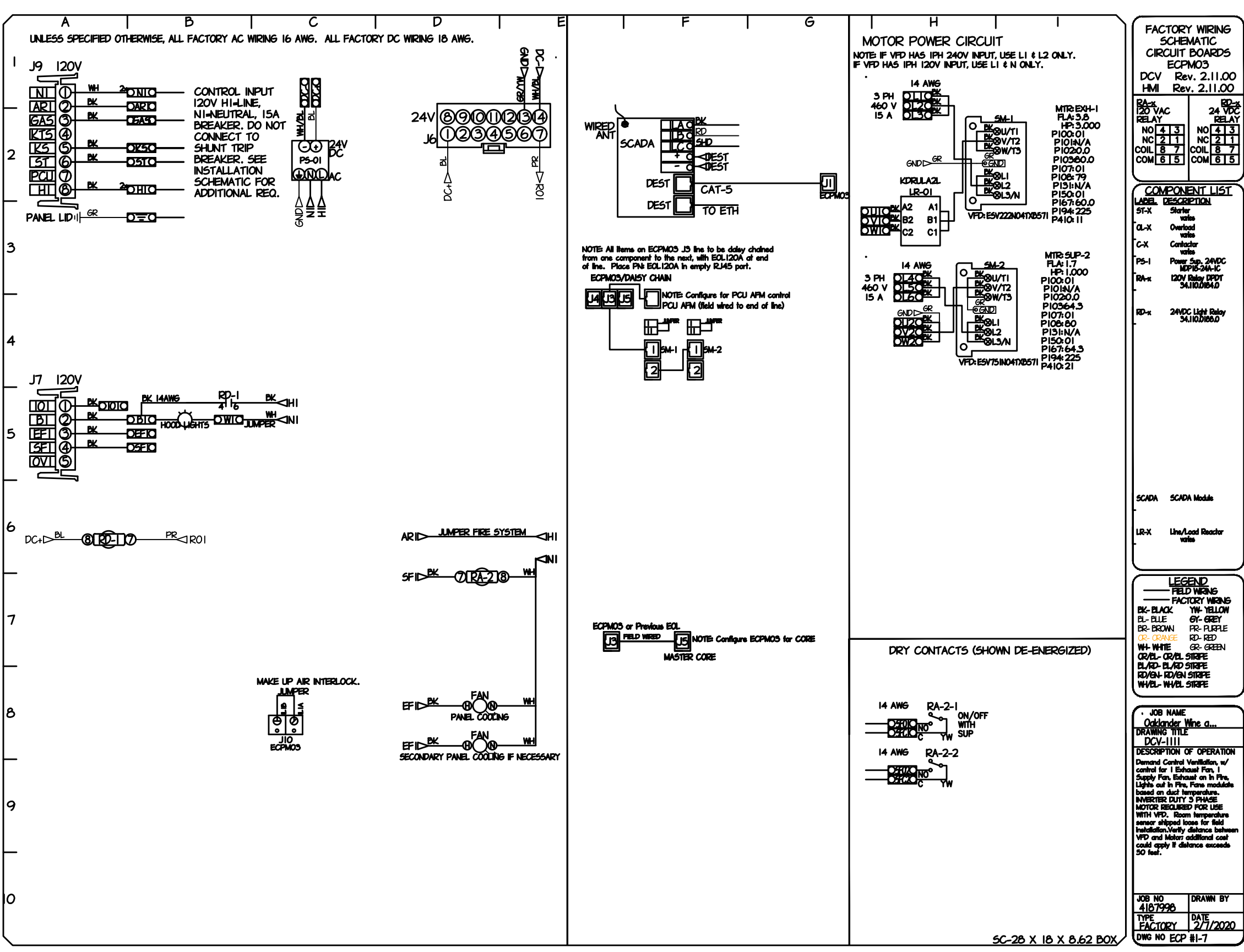
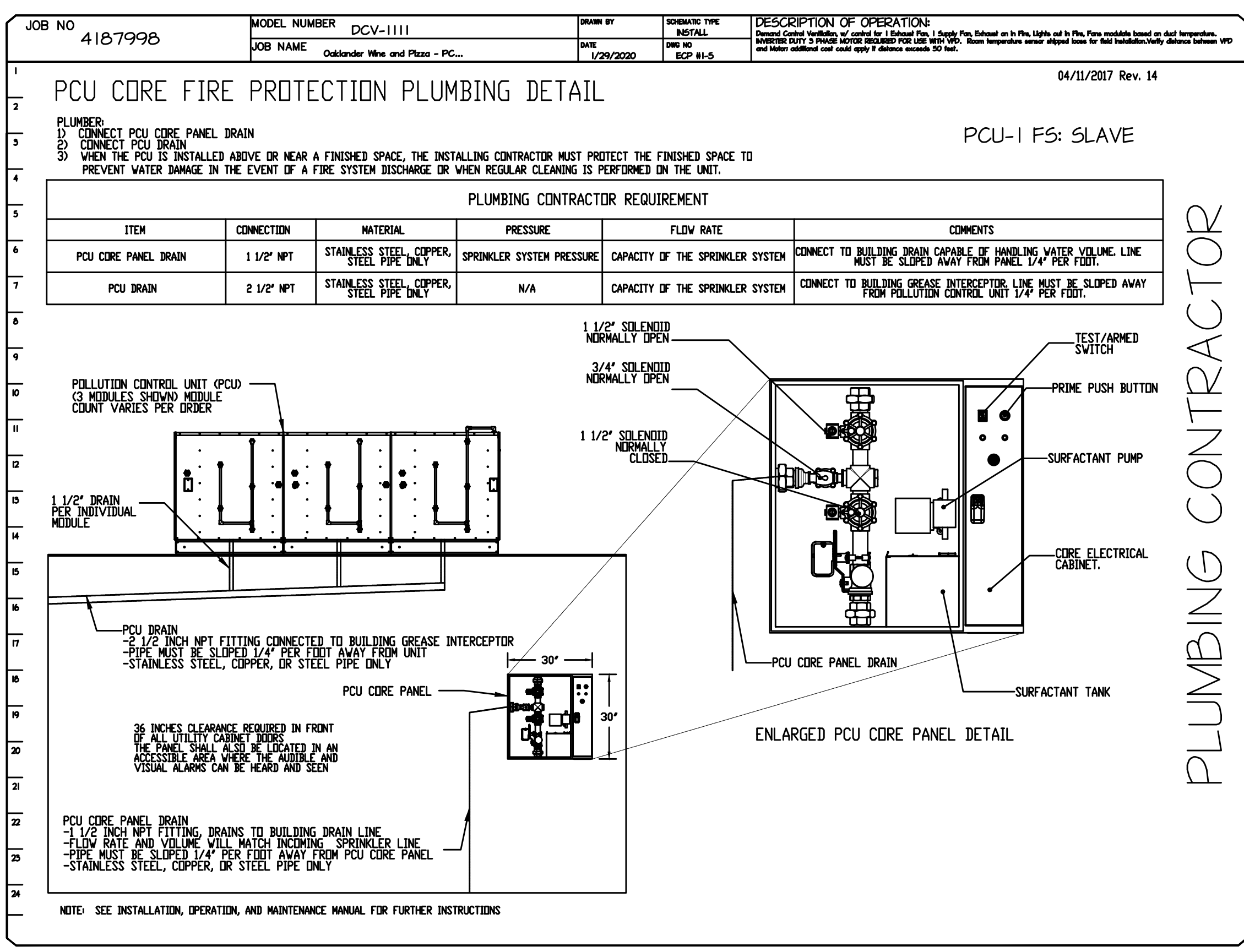
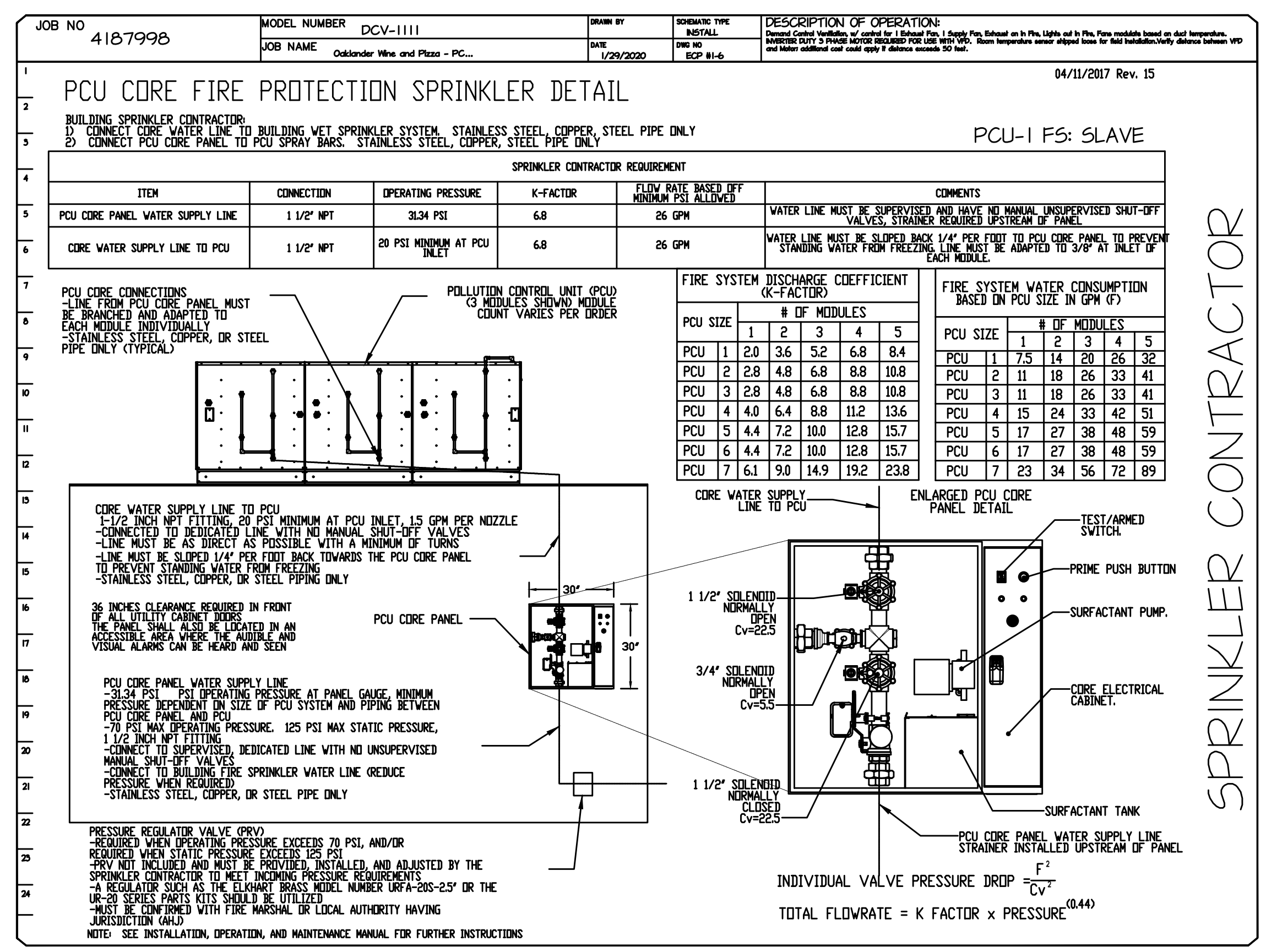
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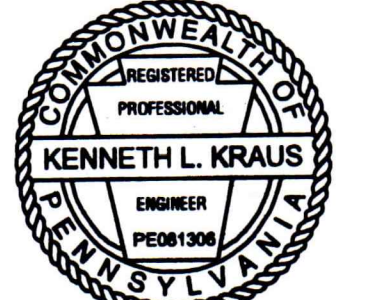
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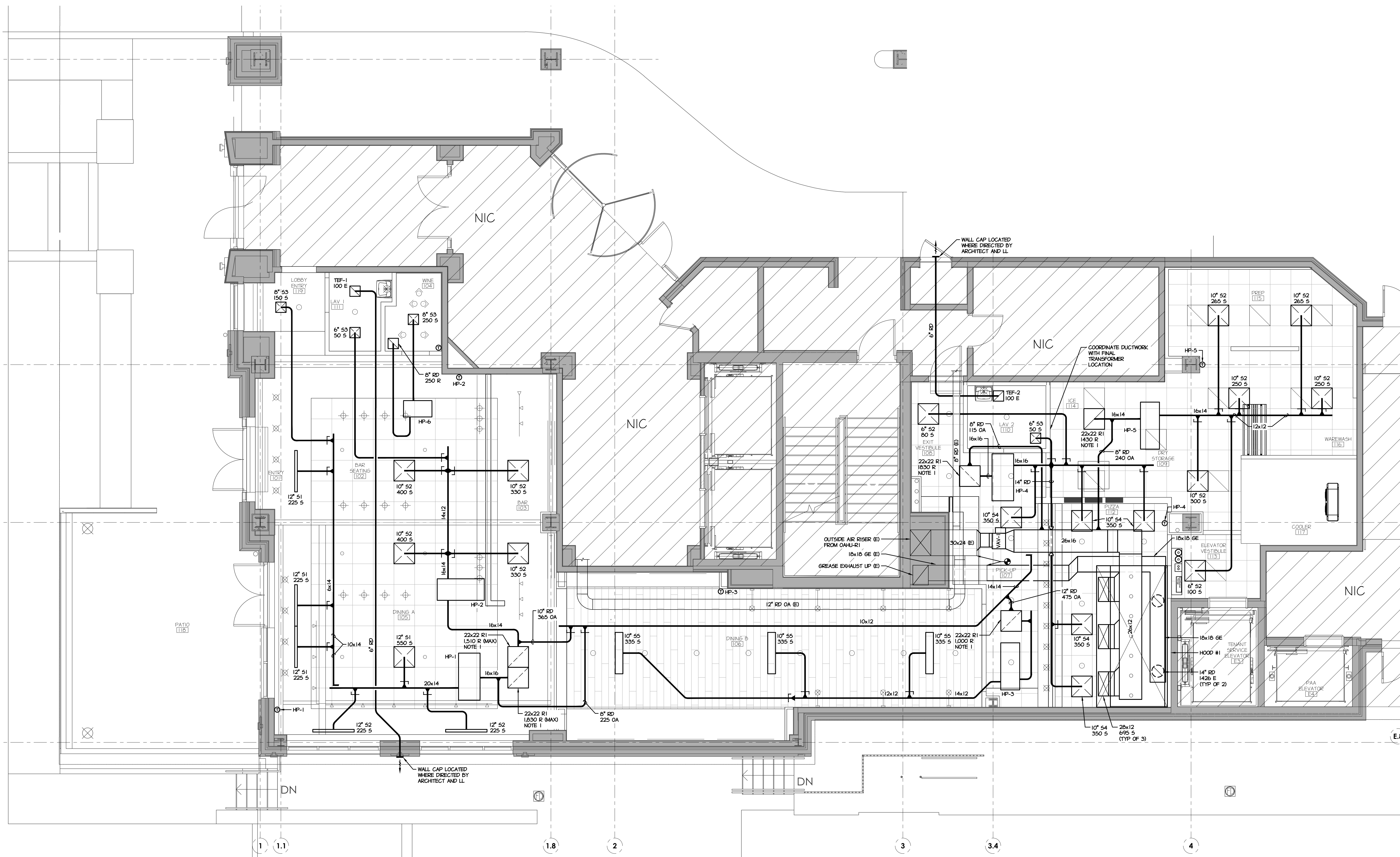


Ken L. Kraus



DATE: 09-27-24

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1/4" = 1'



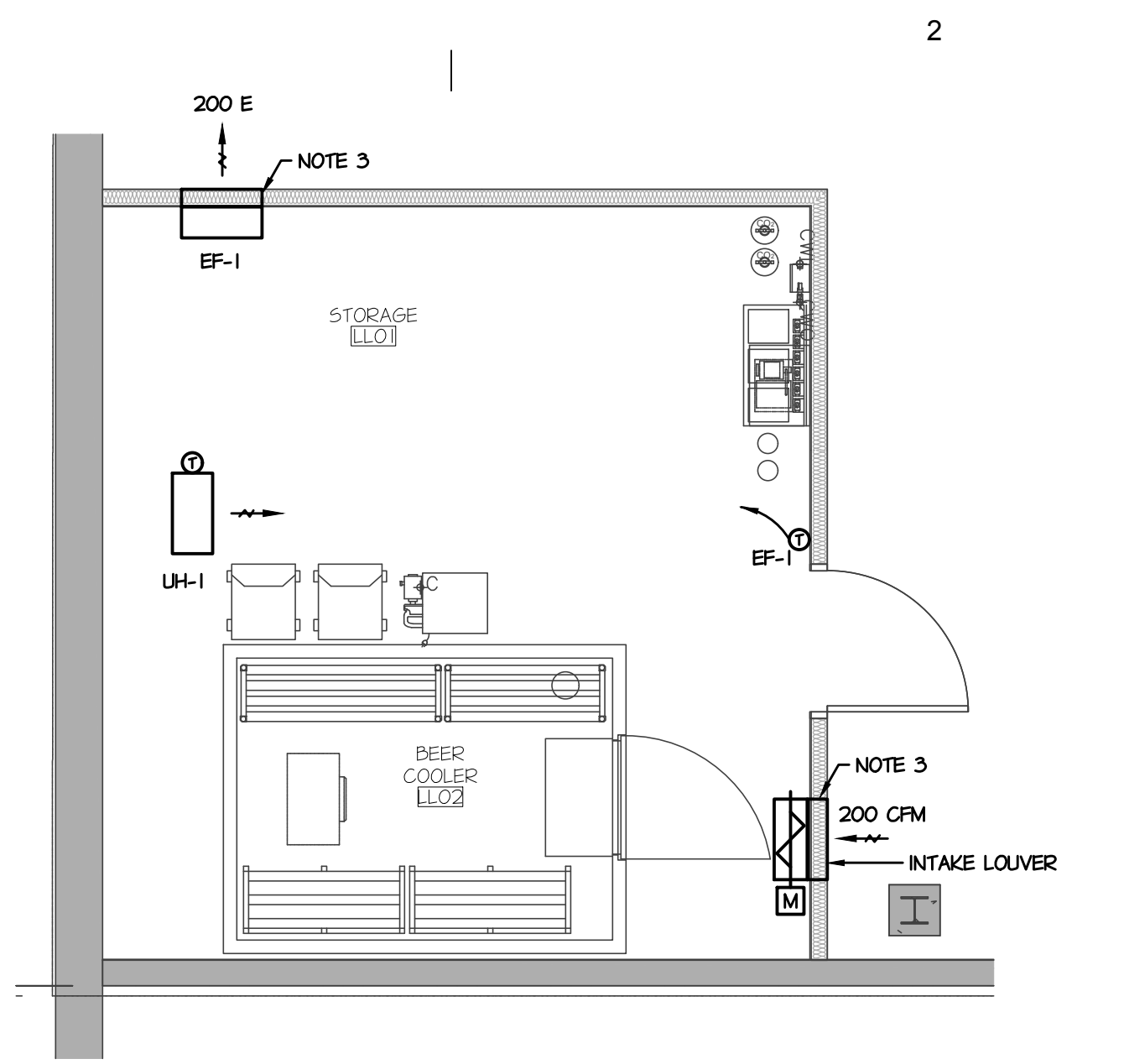
FIRST FLOOR MECHANICAL PLAN
SCALE 1/4" = 1'-0"

OUTSIDE AIR SUPPLY NOTE
THE EXISTING OUTSIDE AIR SUPPLY RISER BEING CONNECTED TO COMES FROM AN EXISTING ROOF MOUNTED DEDICATED OUTDOOR AIR SYSTEM. THE DESIGN FOR THIS TENANT SPACE IS BASED ON THE UNDERSTANDING THAT THIS AIR SUPPLY IS BEING DELIVERED FULLY CONDITIONED WITH HEATING, COOLING AND DEHUMIDIFICATION AT 10 DEG F 24/7 365 DAYS A YEAR. IF THIS IS FOUND NOT TO BE ACCURATE NOTIFY ARCHITECT AND ENGINEER IMMEDIATELY.

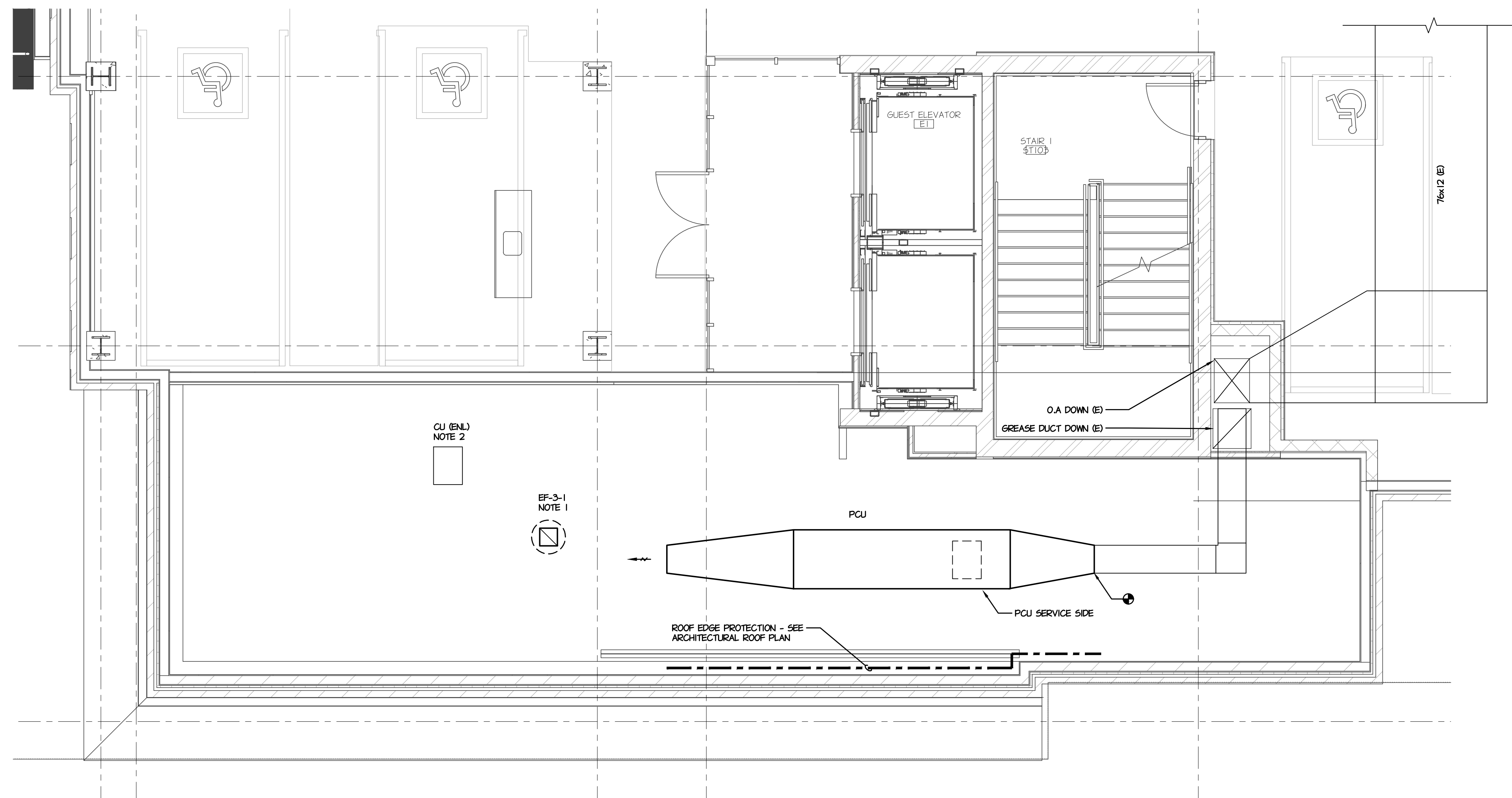
PLAN NOTES
1. PROVIDE A PLENUM BOX ABOVE RETURN GRILLE AS REQUIRED TO MAKE INDICATED CONNECTIONS.

| | |
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LOWER LEVEL MECHANICAL PLAN
SCALE 1/4" = 1'-0"



3RD FLOOR LOW ROOF MECHANICAL PLAN
SCALE 1/4" = 1'-0"

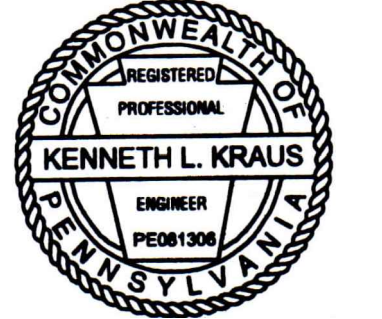
- PLAN NOTES**
1. FIELD VERIFY EXACT LOCATION.
 2. FIELD VERIFY NEW LOCATION FOR EXISTING CONDENSING UNIT.
 3. PROVIDE FIRE DAMPERS AT WALL PENETRATION.

KNAUER

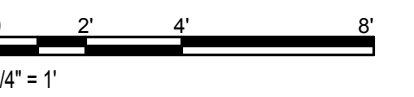
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226 Green Bay Road
Highwood, IL 60040
(847) 948-9500
www.knauerinc.com

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KENNETH L. KRAUS, PE
LIC #: PE081306
EXP: 09/29/25
306 Oak Grove Dr., Wauconda, IL 60084
T: (847) 719-1708 F: (847) 719-1738
Plumbing ♦ Mechanical ♦ Electrical

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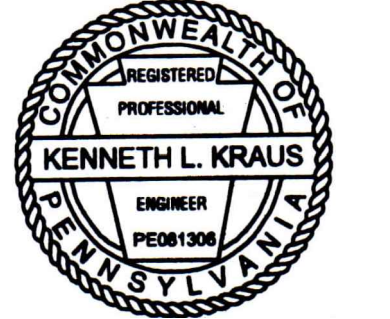
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SHEET TITLE
**LOWER LEVEL AND
3RD FLOOR LOW ROOF
MECHANICAL PLAN**

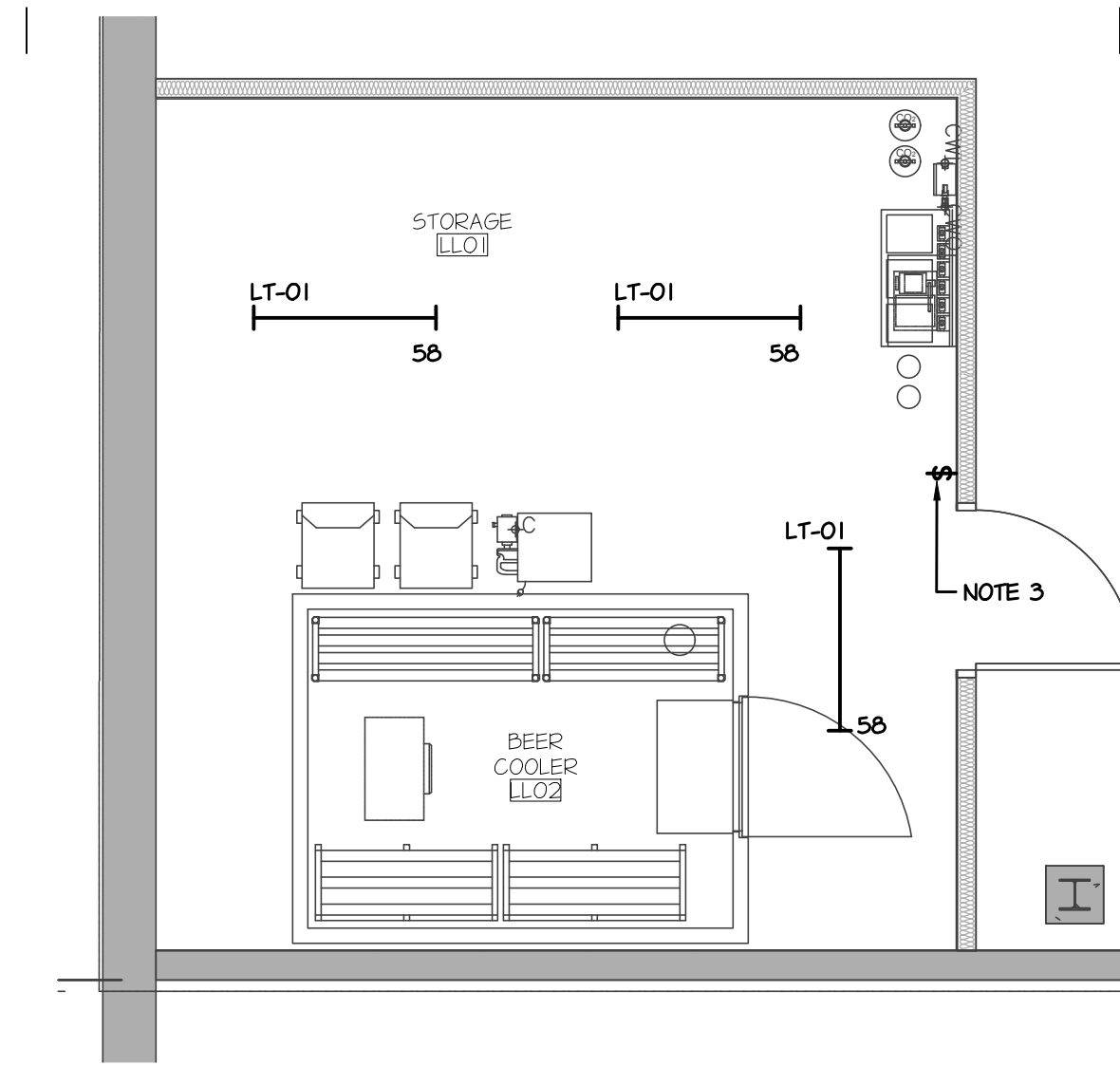
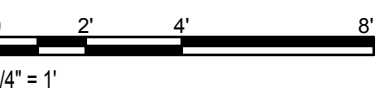
M-101

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DATE: 09-27-24

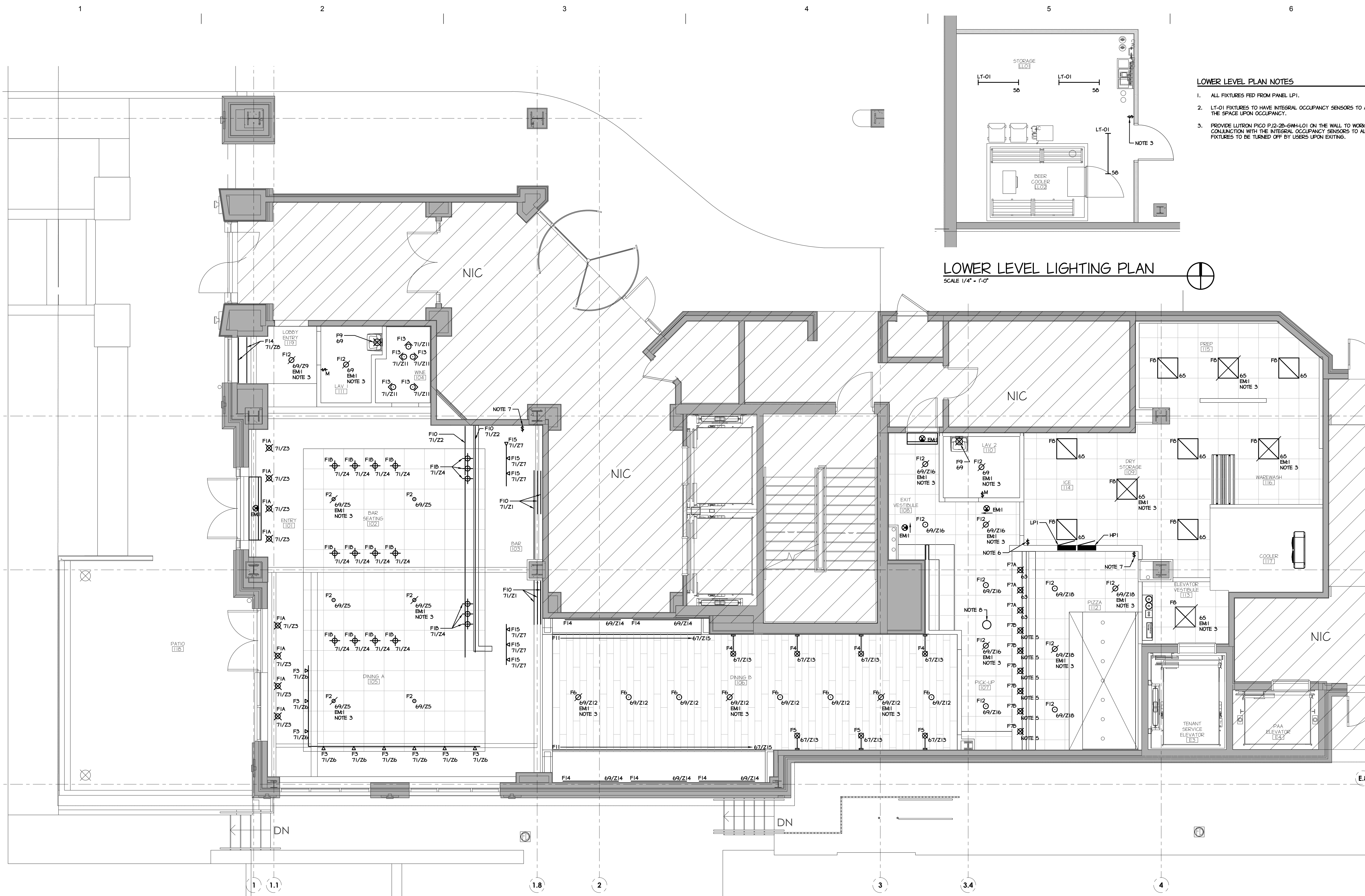


LOWER LEVEL PLAN NOTES

- ALL FIXTURES FED FROM PANEL LPI.
- LT-01 FIXTURES TO HAVE INTEGRAL OCCUPANCY SENSORS TO AUTO-ON THE SPACE UPON OCCUPANCY.
- PROVIDE LUTRON PICO P12-2B-6WH-L01 ON THE WALL IN CONJUNCTION WITH THE INTEGRAL OCCUPANCY SENSORS TO ALLOW THE FIXTURES TO BE TURNED OFF BY USERS UPON EXITING.

LOWER LEVEL LIGHTING PLAN

SCALE 1/4" = 1'-0"



FIRST FLOOR LIGHTING PLAN

SCALE 1/4" = 1'-0"

PLAN NOTES

- ALL FIXTURES CONNECTED TO PANEL LPI, UNLESS NOTED OTHERWISE.
- ALL FIXTURES, EXCLUDING THOSE IN THE RESTROOMS, TO BE CONTROLLED VIA LUTRON VIVE SYSTEM. "ZM" DESIGNATION REFERS TO THE ZONE. REFER TO SCHEDULE AND RISER ON E002.
- ALL BM FIXTURES SHALL HAVE A UL924 DEVICE TO CONNECT TO THE NORMAL CIRCUIT NOTED AND THE EM CIRCUIT NOTED. REFER TO LUTRON EMERGENCY LIGHTING CONTROL ONE LINE ON E002.
- CIRCUIT EM1 SHALL BE THE NEXT AVAILABLE 20A/1P CIRCUIT IN THE HOUSE EM PANEL. PANEL LEM. CIRCUIT TO NOT EXCEED 60% OF RATED CAPACITY.
- HEAT LAMPS. REFER TO E101 FOR POWER CONNECTION.
- PROVIDE LUTRON PICO P12-2B-6WH-L01 FOR BOH FB FIXTURES.
- PROVIDE LUTRON PICO P12-4B-6WH-L31 FOR FOH AND PIZZA AREA FIXTURES. COORDINATE EXACT LOCATION WITH OWNER.
- PROVIDE LUTRON HUB HUS-0-PM. DISTANCE LIMITED TO 7' THROUGH WALLS TO POWPKMS. COORDINATE FINAL PLACEMENT TO COMPLY WITH LIMITATION.

LIGHTING FIXTURE SCHEDULE

| MARK | TYPE | MANUFACTURER | MODEL NUMBER | LAMP | VAS | NOTES |
|-------|-------|----------------|----------------------------|------|---------|-----------------|
| F1A | PEND | REFER TO A-102 | | | 4.5 | |
| F1B | PEND | REFER TO A-102 | | | 4.5 | |
| F2 | SURF | REFER TO A-102 | | | 7 | |
| F3 | TRACK | REFER TO A-102 | | | 6 | |
| F4 | WALL | REFER TO A-102 | | | 4.5 | |
| F5 | WALL | REFER TO A-102 | | | 4.5 | |
| F6 | REC | REFER TO A-102 | | | 12 | |
| F7A | PEND | REFER TO A-102 | | | 4.5 | INTEGRAL SWITCH |
| F7B | PEND | REFER TO A-102 | | | 250 | INTEGRAL SWITCH |
| F8 | REC | REFER TO A-102 | | | 20.5 | 5 |
| F9 | WALL | REFER TO A-102 | | | 4.5 | |
| F10 | SURF | REFER TO A-102 | | | 2.5W/FT | |
| F11 | SURF | REFER TO A-102 | | | 6.5W/FT | |
| F12 | REC | REFER TO A-102 | | | 12 | |
| F13 | REC | REFER TO A-102 | | | TBD | |
| F14 | SURF | REFER TO A-102 | | | TBD | |
| F15 | TRACK | REFER TO A-102 | | | 12 | |
| LT-01 | PEND | HE WILLIAMS | 75R-4-LB5/835-VDO-DIM-LINV | | 56.2 | |
| EXIT | EXIT | HE WILLIAMS | EXIT/VEL | LED | 10 | 2, AC |

NOTES

- PROVIDE MOUNTING BRACKET AND HEADS AS REQUIRED.
- PROVIDE FACES, MOUNTING AND ARROWS AS REQUIRED.
- NOT USED.
- CONNECT TO LIGHTING CIRCUIT OF ROOM SERVED AHEAD OF LOCAL CONTROL DEVICE UNO.
- PROVIDE FIXTURE SUPPORT AS REQUIRED BY NEC 410-16(C).

OAK HOUSE

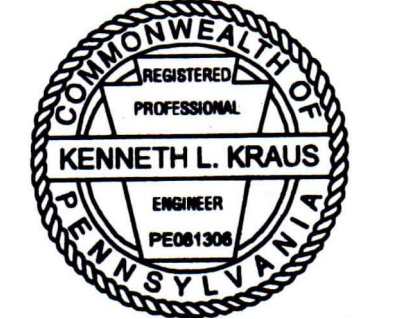
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

PROJECT NO: 3530
CAD DWG FILE: C:\BIBBING\BIBBING\LAND\HUBS\05\PPH-W-SHWZ\0508.DWG
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FIRST FLOOR LIGHTING PLAN

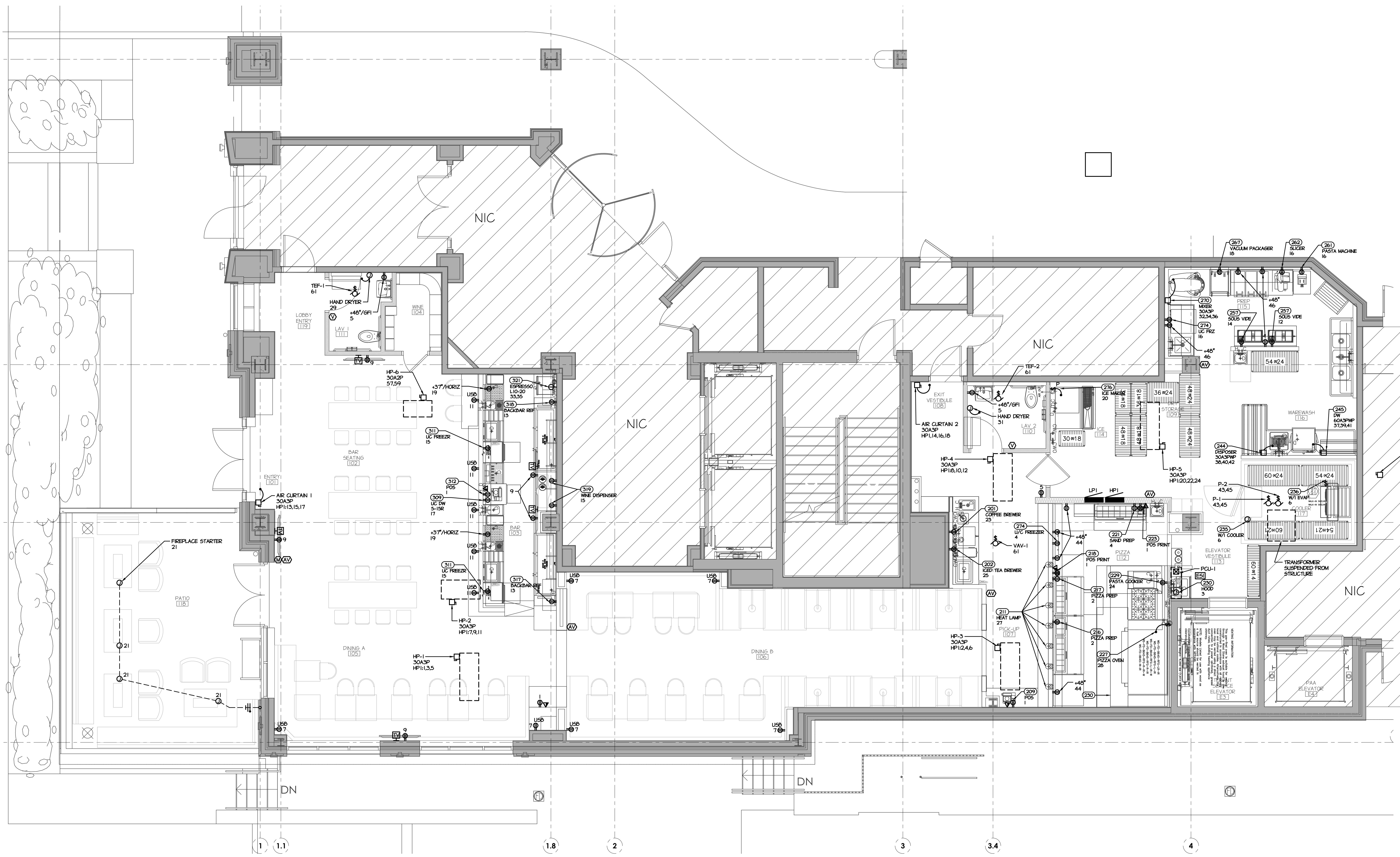
E-100

Ken L. Kraus



DATE: 09-27-24

1/4" = 1'



FIRST FLOOR POWER PLAN

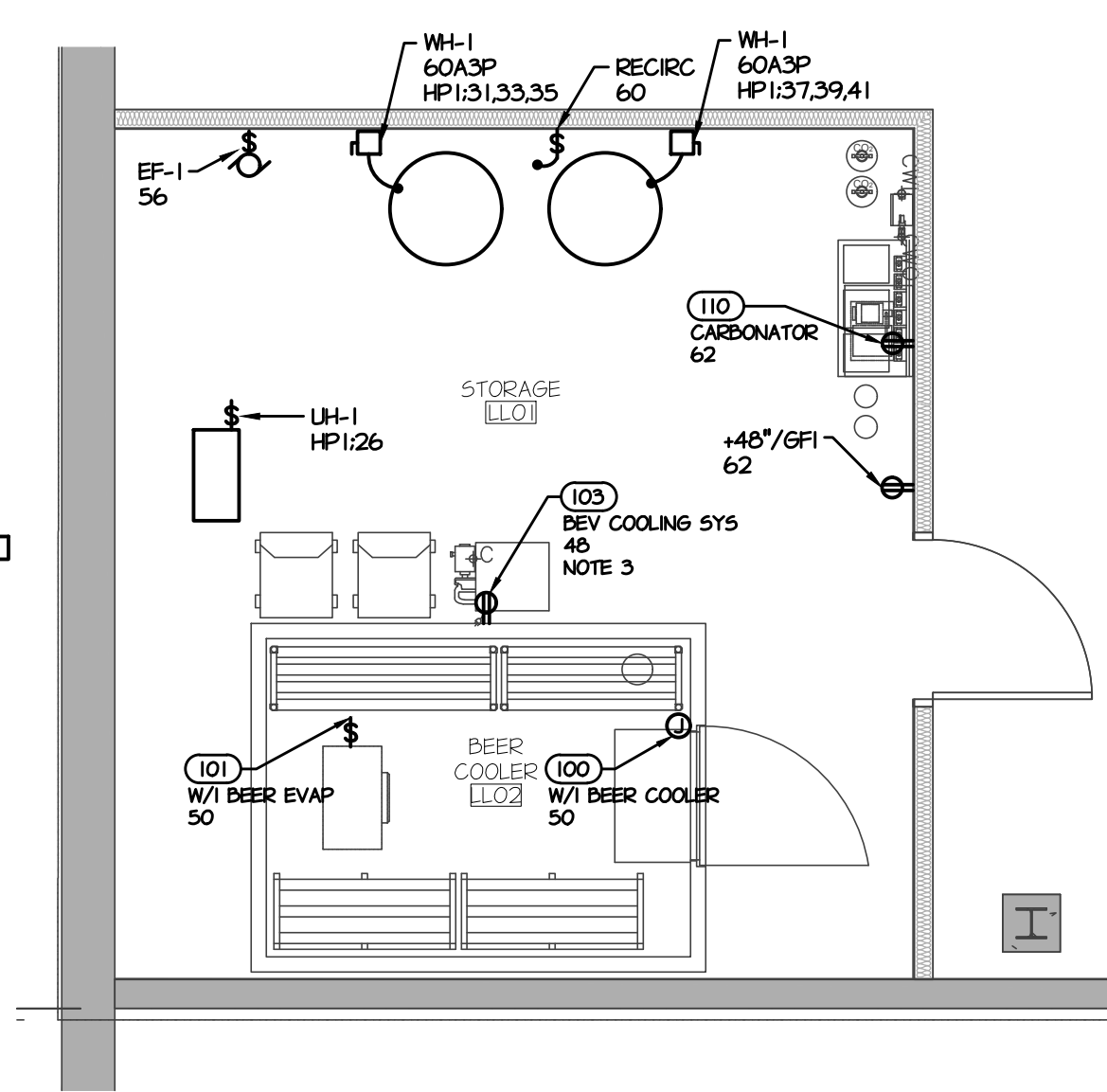
SCALE 1/4" = 1'-0"

PLAN NOTES

1. ALL CIRCUITS SHALL CONNECT TO PANEL LPI UNLESS NOTED OTHERWISE.
2. COORDINATE LOCATION IN FIELD.
3. PROVIDE FIRE ALARM CONNECTION TO HOOD CONTROL SYSTEM AS REQUIRED.
4. ALL EQUIPMENT UNDER THE HOOD SHALL HAVE INTERLOCK SHUNT TRIPS WITH THE HOOD ANGLR SYSTEM.

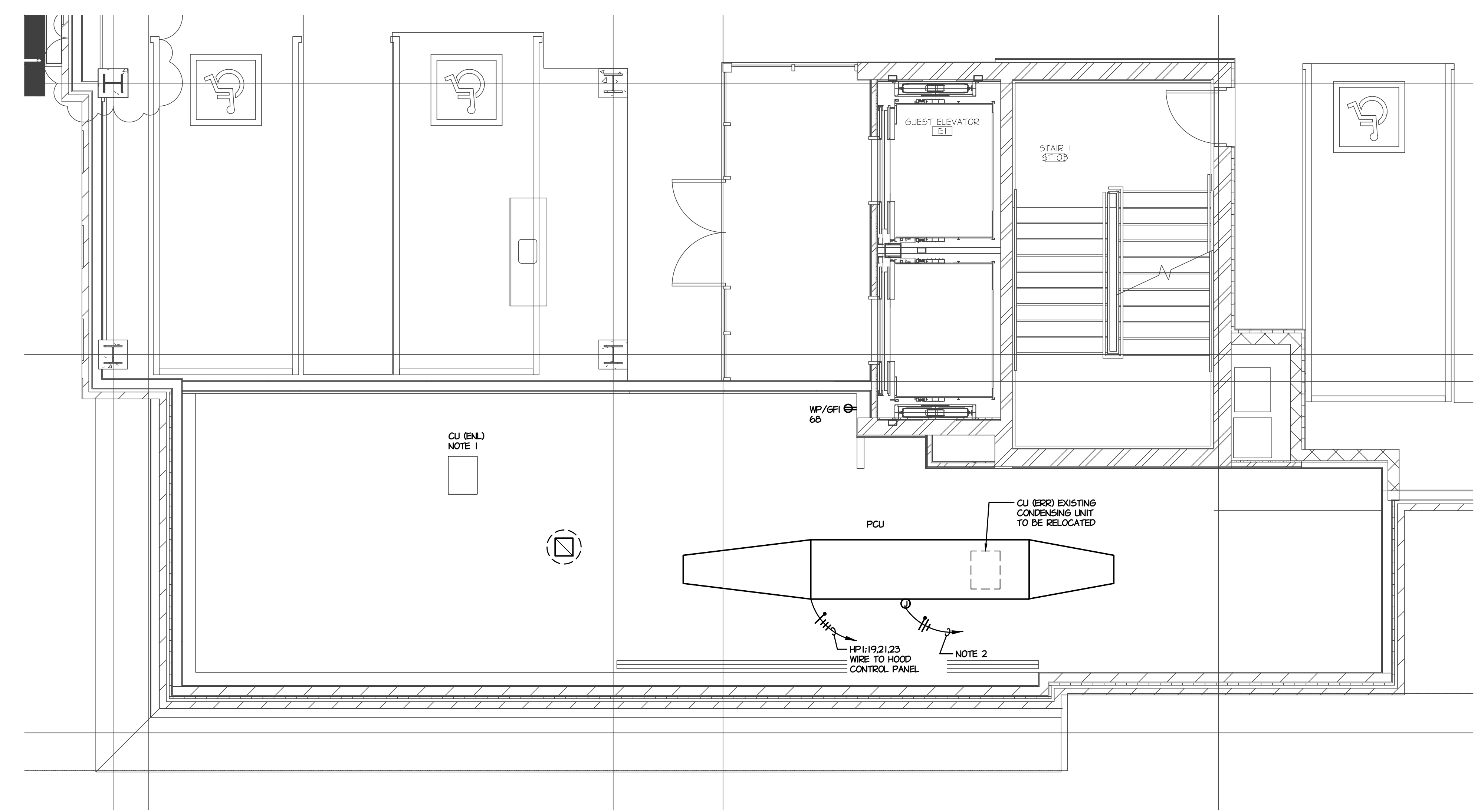
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|---|---|
| 09/27/24 | ISSUED FOR PERMIT |
| MARK | DATE |
| ISSUED | DESCRIPTION |
| OAK HOUSE | |
| 5130 BIGELOW BLVD PITTSBURGH, PA 15213 | |
| PROJECT NO: | 5330 |
| CAD DWG FILE: | C:\E:\BROOKING\CAVILAND\KRAUS\DWG\PPW\5330\092724\OAK HOUSE - SHWZC008.DWG |
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| SHEET TITLE | FIRST FLOOR POWER PLAN |
| E-101 | |

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LOWER LEVEL POWER PLAN
SCALE 1/4" = 1'-0"

- LOWER LEVEL PLAN NOTES**
1. ALL DEVICES CONNECTED TO PANEL LPI, UNLESS NOTED OTHERWISE.
 2. LH-1 IS QUINEX (MUNOST) ELECTRIC UNIT HEATER WITH 3KW AT 277V, WALL MOUNTED THERMOSTAT, AND MOUNTING BRACKET.
 3. PROVIDE SURFACE-MOUNTED RECEPTACLE ON THE OUTSIDE OF BEER COOLER FOR BEVERAGE COOLING SYSTEM. COORDINATE WITH BEER COOLER MANUFACTURER.
 4. COORDINATE LOCATION IN FIELD.
 5. ADD/ALT: PROVIDE CIRCUIT CONNECTIONS FOR HEAT TRACE FOR ALL BEVERAGE CONDUIT AND DOMESTIC WATER PIPE SERVING THE RESTAURANT IN UNCONDITIONED AREAS IN THE BASEMENT.



3RD FLOOR LOW ROOF ELECTRICAL PLAN
SCALE 1/4" = 1'-0"

- 3RD FLOOR LOW ROOF PLAN NOTES**
1. FIELD VERIFY NEW LOCATION FOR EXISTING CONDENSING UNIT. EXTEND CONDUIT AND WIRE AS REQUIRED.
 2. CONTROL POWER. REFER TO HOOD CONNECTION ON E101, ITEM #230 FOR CIRCUIT.

KNAUER

Knauer Incorporated
226 Green Bay Road
Highwood, IL 60040
(847) 948-9500
www.knauerinc.com

6892E102 09/27/24

KENNETH L. KRAUS, PE
LIC #PE081306
EXP: 09/29/25

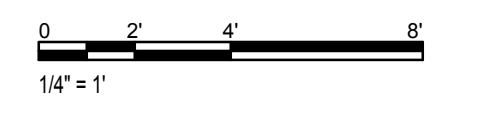
306 Oak Grove Dr., Wauconda, IL 60084
T (847) 719-1708 F (847) 719-1738

Plumbing ♦ Mechanical ♦ Electrical

Kenneth L. Kraus



DATE: 09-27-24



| MARK | DATE | DESCRIPTION |
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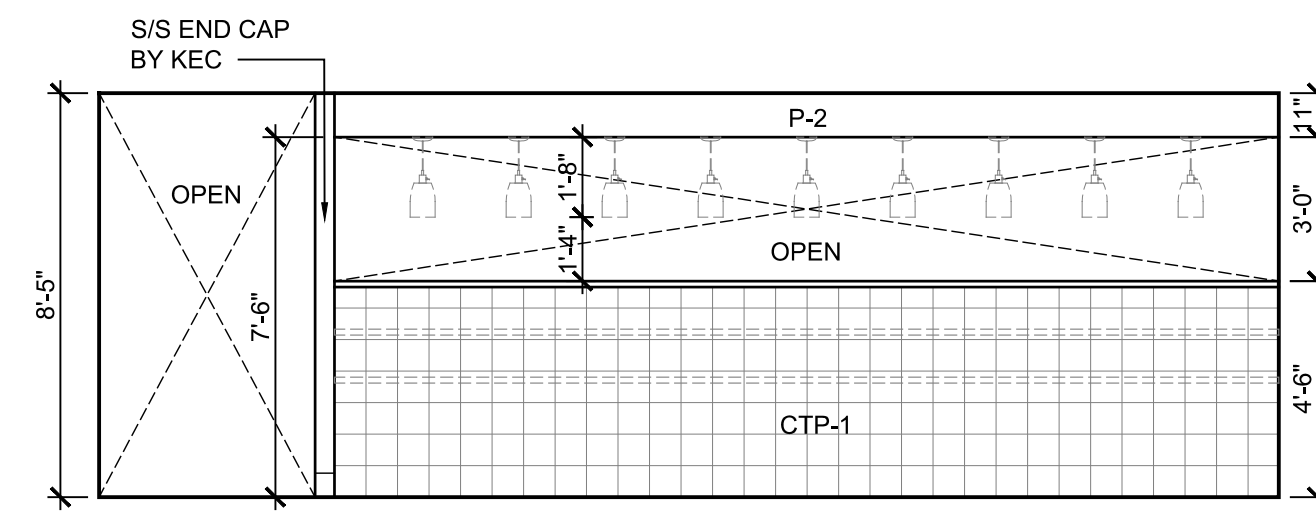
OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

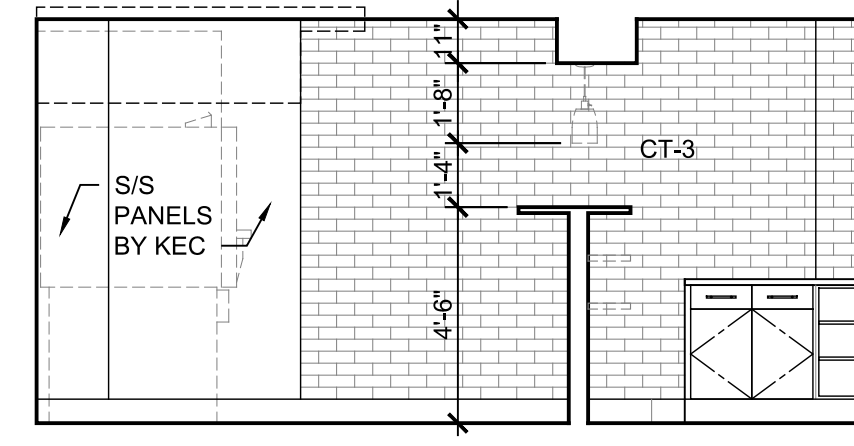
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| PROJECT NO: | 3530 |
| CAD DWG FILE: | C:\E:\BROOKINGS\CAD\LAND\HALLS\05-PPW-35WZC008-04\OAK HOUSE (PITTSBURGH) (1).DWG |
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LOWER LEVEL AND 3RD FLOOR LOW ROOF POWER PLAN
E-102

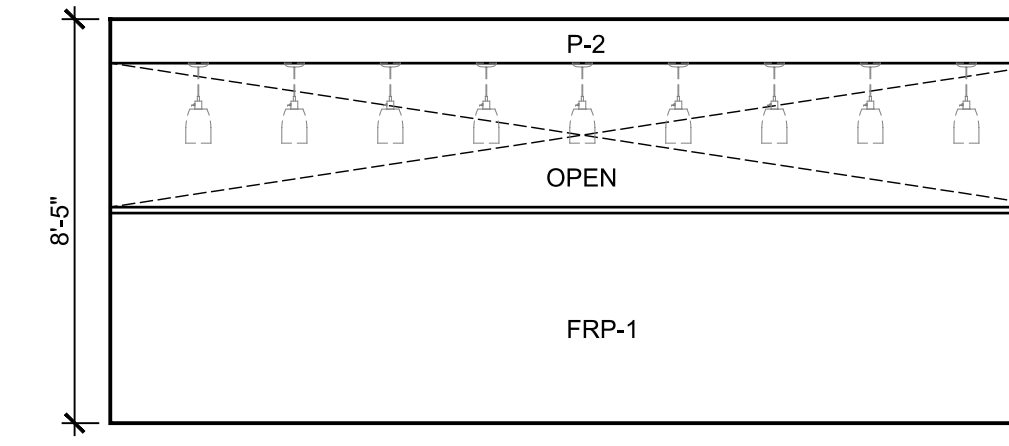
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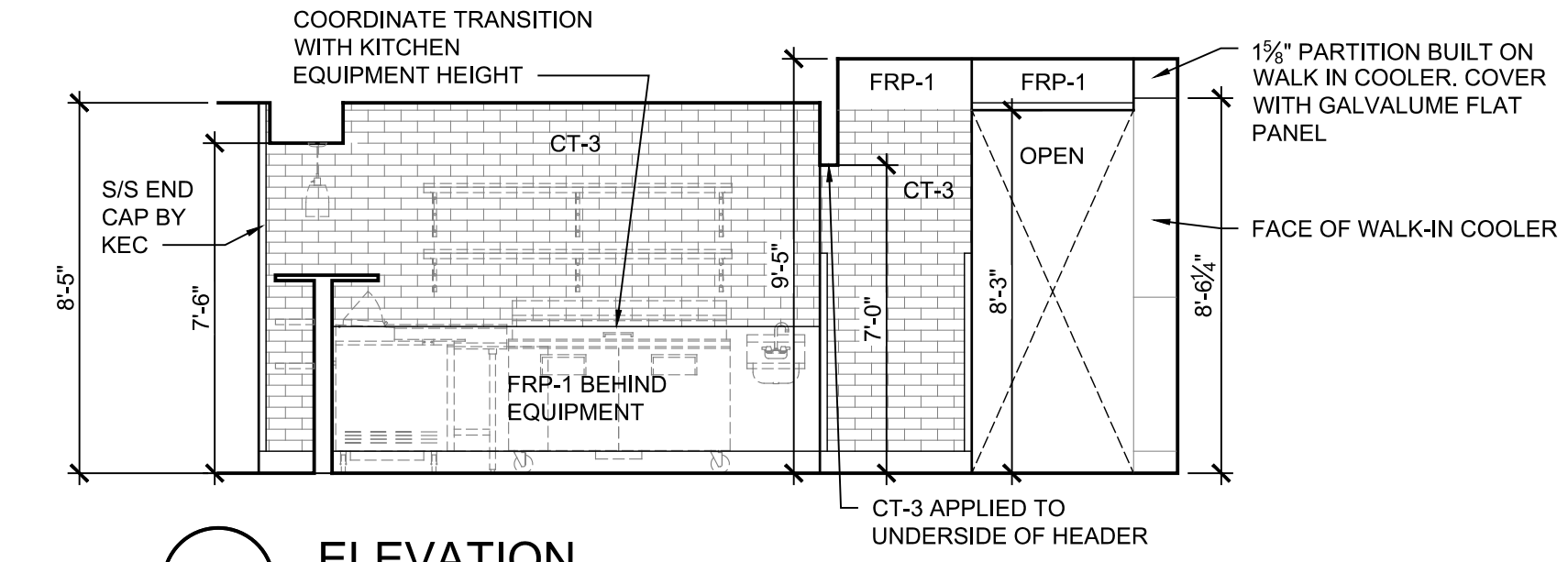
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 1/4" = 1'-0"



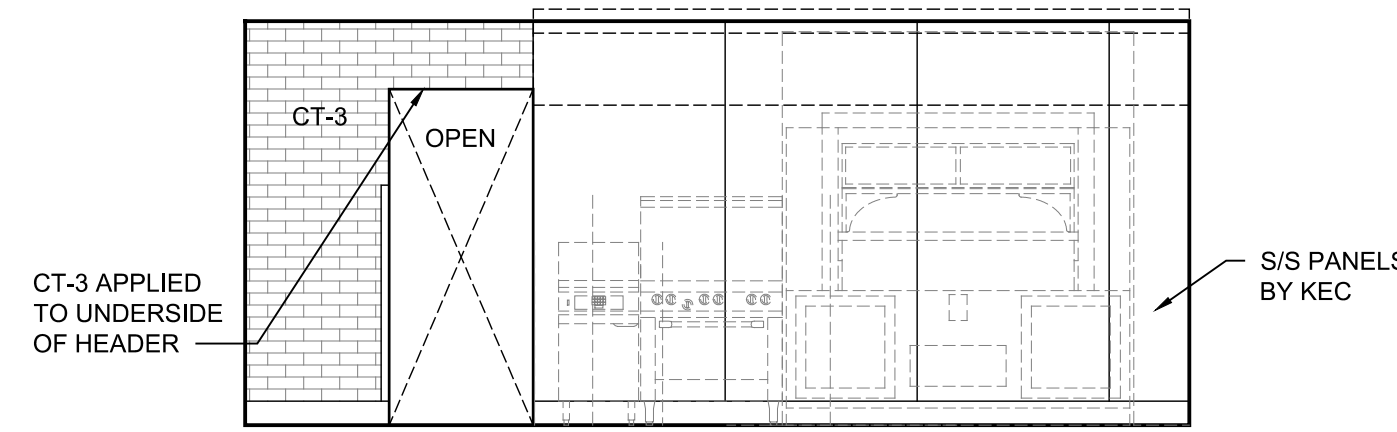
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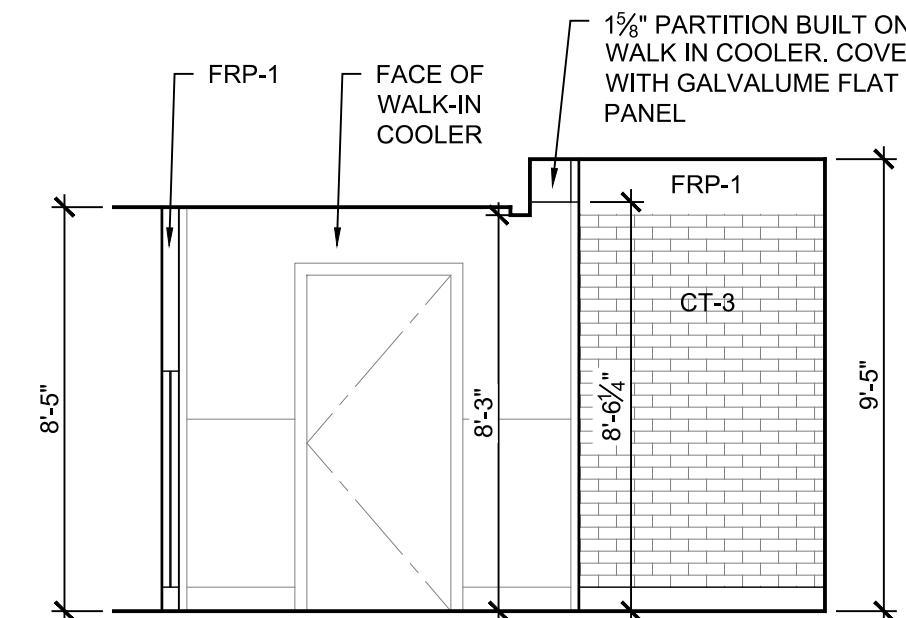
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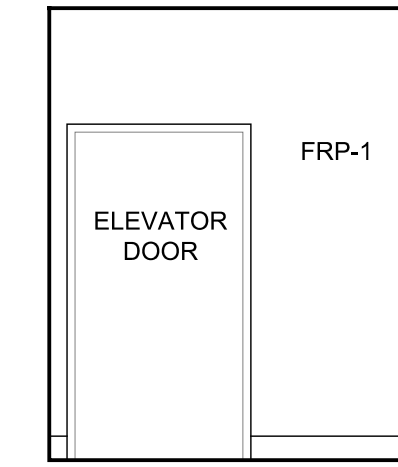
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 1/4" = 1'-0"



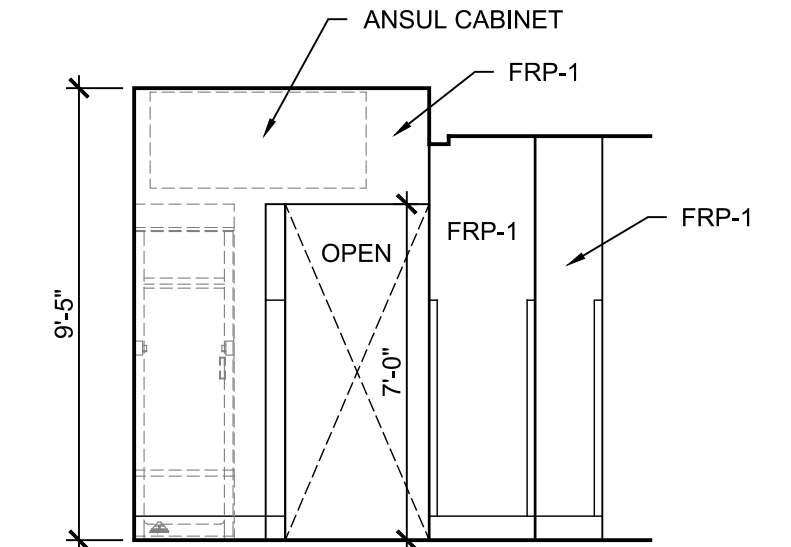
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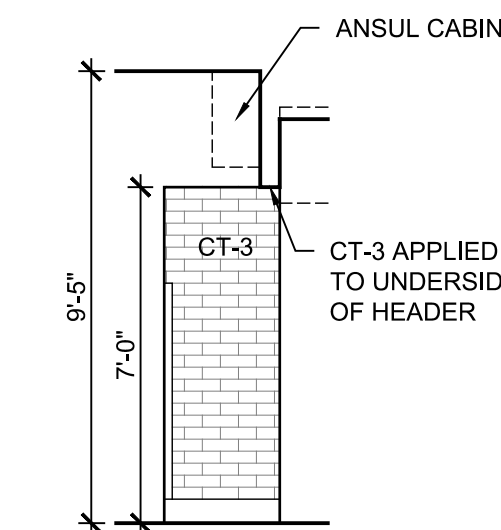
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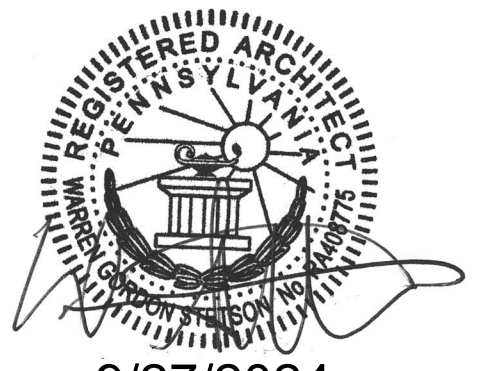
31 ELEVATION
 1/4" = 1'-0"



32 ELEVATION
 1/4" = 1'-0"



33 ELEVATION
 1/4" = 1'-0"



9/27/2024

| MARK | DATE | DESCRIPTION |
|--------|----------|-------------------|
| ISSUED | | |
| | 09/27/24 | ISSUED FOR PERMIT |
| | 04/01/22 | ISSUED FOR BIDS |
| | 02/28/22 | ISSUED FOR REVIEW |
| | 02/09/22 | CLIENT REVIEW SET |

OAK HOUSE

5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

PROJECT NO: 5530
 CAD DWG FILE: 5530 - THE OAK HOUSE HOTEL CADSET - WINE BAR SHEETS/SCHEMATIC ZERO - INTERIOR ELEVATIONS.rvt
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SHEET TITLE
INTERIOR ELEVATIONS

I-202



GENERAL CONDITIONS

1. SUBCONTRACTOR IS AN INDEPENDENT CONTRACTOR, AND ALL PERSONS EMPLOYED BY SUBCONTRACTOR IN CONNECTION HEREIN SHALL BE HIS EMPLOYEES AND NOT EMPLOYEES OF THE OWNER IN ANY RESPECT.
2. SUBCONTRACTOR SHALL INDEMNIFY AND DEFEND THE OWNER AGAINST ALL SUITS, ACTIONS, LOSS, DAMAGE, EXPENSE, AND LIABILITY FOR INJURY OR HARM TO PERSONS OR PROPERTY RESULTING FROM, ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE PERFORMANCE OF THIS SUBCONTRACTOR EXCEPT ONLY SUCH INJURY OR HARM AS MAY BE CAUSED SOLELY BY THE FAULT OR NEGLIGENCE OF THE OWNER.
4. SUBCONTRACTOR SHALL COMPLY WITH THE OWNER'S JOB SITE PROCEDURES AND REGULATIONS AND WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, AND REGULATIONS AND SHALL OBTAIN ALL PERMITS REQUIRED FOR ANY OF THE WORK TO BE PERFORMED HEREUNDER.
5. SUBCONTRACTOR SHALL PROMPTLY PAY ALL CLAIMS OF PERSONS OR FIRMS FURNISHING LABOR, EQUIPMENT, OR MATERIAL USED IN PERFORMING THE WORK HEREUNDER.
9. THE LAWS OF THE STATE OF MISSOURI SHALL GOVERN THE RIGHTS AND DUTIES OF THE PARTIES.
PROTECTION OF PERSONS AND PROPERTY
10.1 SAFETY PRECAUTIONS AND PROGRAMS
10.1.1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT.
10.1.2 IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS OR POLYCHLORINATED BIPHENYL (PCB), WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA EFFECTED AND REPORT THE CONDITION TO THE OWNER IN WRITING.
10.1.3 THE CONTRACTOR SHALL NOT BE REQUIRED PURSUANT TO ARTICLE 7 TO PERFORM WITHOUT CONSENT ANY WORK RELATING TO ASBESTOS OR POLYCHLORINATED BIPHENYL (PCB).
10.1.4 TO THE FULLEST EXTENT PERMITTED BY LAW, THE OWNER SHALL INDEMNIFY AND HOLD HARMLESS THE CONTRACTOR'S AGENTS AND EMPLOYEES OF ANY OF THEM FROM AND AGAINST CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF OR RESULTING FROM PERFORMANCE OF THE WORK IN THE EFFECTED AREA IF IN FACT THAT MATERIAL IS ASBESTOS OR POLYCHLORINATED BIPHENYL (PCB) AND HAS NOT BEEN RENDERED HARMLESS.
10.2 SAFETY OF PERSONS AND PROPERTY
10.2.1 THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS FOR SAFETY OF, AND SHALL PROVIDE REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY OR LOSS TO:
1. EMPLOYEES ON THE WORK AND OTHER PERSONS WHO MAY BE AFFECTED THEREBY;
2. THE WORK AND MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF THE SITE, UNDER CARE, CUSTODY OR CONTROL OF THE CONTRACTOR OR THE CONTRACTOR'S SUBCONTRACTORS OR SUB-SUBCONTRACTORS; AND
3. OTHER PROPERTY AT THE SITE OR ADJACENT THERETO, SUCH AS TREES, SHRUBS, LAWNS, WALKS, PAVEMENTS, ROADWAYS, STRUCTURES AND UTILITIES NOT DESIGNATED FOR REMOVAL, RELOCATION OR REPLACEMENT IN THE COURSE OF CONSTRUCTION.
10.2.2 THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.
10.2.3 THE CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PERFORMANCE OF THE CONTRACT, REASONABLE SAFEGUARDS FOR SAFETY AND PROTECTION, INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT SITES AND UTILITIES.
10.2.4 WHEN USE OR STORAGE OF EXPLOSIVES OR OTHER HAZARDOUS MATERIALS OR EQUIPMENT OR UNUSUAL METHODS ARE NECESSARY FOR EXECUTION OF THE WORK, THE CONTRACTOR SHALL EXERCISE UTMOST CARE AND CARRY ON SUCH ACTIVITIES UNDER SUPERVISION OF PROPERLY QUALIFIED PERSONNEL.
10.2.5 THE CONTRACTOR SHALL PROMPTLY REMEDY DAMAGE AND LOSS (OTHER THAN DAMAGE OR LOSS INCURRED UNDER PROPERTY INSURANCE REQUIRED BY THE CONTRACT DOCUMENTS) TO PROPERTY REFERRED TO IN CLAUSES 10.2.1.2 AND 10.2.1.3 CAUSED IN WHOLE OR IN PART BY THE CONTRACTOR, SUBCONTRACTOR, A SUB-SUBCONTRACTOR, OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, OR BY ANYONE FOR WHOSE ACTS THEY MAY BE LIABLE AND FOR WHICH THE CONTRACTOR IS RESPONSIBLE UNDER CLAUSES 10.2.1.2 AND 10.2.1.3, EXCEPT DAMAGE OR LOSS ATTRIBUTABLE TO ACTS OR OMISSIONS OF THE OWNER OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY EITHER OF THEM, OR BY ANYONE FOR WHOSE ACTS EITHER OF THEM MAY BE LIABLE, AND NOT ATTRIBUTABLE TO THE FAULT OR NEGLIGENCE OF THE CONTRACTOR. THE FOREGOING OBLIGATIONS OF THE CONTRACTOR ARE IN ADDITION TO THE CONTRACTOR'S OBLIGATIONS UNDER PARAGRAPH 3.18.
10.2.6 THE CONTRACTOR SHALL DESIGNATE A RESPONSIBLE MEMBER OF THE CONTRACTOR'S ORGANIZATION AT THE SITE WHOSE DUTY SHALL BE THE PREVENTION OF ACCIDENTS. THIS PERSON SHALL BE THE CONTRACTOR'S SUPERINTENDENT UNLESS OTHERWISE DESIGNATED BY THE CONTRACTOR IN WRITING TO THE OWNER AND ARCHITECT.
10.2.7 THE CONTRACTOR SHALL NOT LOAD OR PERMIT ANY PART OF THE CONSTRUCTION OR SITE TO BE LOADED SO AS TO ENDANGER ITS SAFETY.
10.3 EMERGENCIES
10.3.1 IN AN EMERGENCY AFFECTING SAFETY OF PERSONS OR PROPERTY, THE CONTRACTOR SHALL ACT, AT THE CONTRACTOR'S DISCRETION, TO PREVENT THREATENED DAMAGE, INJURY OR LOSS. ADDITIONAL COMPENSATION OR EXTENSION OF TIME CLAIMED BY THE CONTRACTOR ON ACCOUNT OF AN EMERGENCY SHALL BE DETERMINED AS PROVIDED IN PARAGRAPH 4.3 AND ARTICLE 7.

FIXTURE WORK & ARCHITECTURAL WOODWORK GENERAL CONDITIONS

OWNER
SHALL MEAN THE PERSON, FIRM OR CORPORATION NAMED IN THE SPECIFICATIONS, AND SHALL BE DEEMED TO INCLUDE ALL DULY AUTHORIZED REPRESENTATIVES THEREOF.
CONSLTANTS
SHALL MEAN KNAUER INCORPORATED.
CONTRACTOR
SHALL MEAN THE PERSON, FIRM OR CORPORATION SUBMITTING A PROPOSAL ON THESE PLANS AND SPECIFICATIONS FOR THE SAME PURPOSE OF MANUFACTURING AND/OR INSTALLING SAME.
REVIEWED, APPROVED, ACCEPTABLE, OR SATISFACTORY
SHALL BE UNDERSTOOD TO MEAN REVIEWED BY, APPROVED BY, ACCEPTABLE TO, OR SATISFACTORY TO THE CONSULTANT AND OWNER, EQUAL OR APPROVED EQUAL ITEMS AND SUBSTITUTIONS THEREOF SHALL BE CONSIDERED ONLY PRIOR TO TIME OF PROPOSAL, AND SHALL BE ACCEPTABLE ONLY WHEN SUBMITTED, REVIEWED AND APPROVED IN WRITING. EMAILS ARE ACCEPTABLE CORRESPONDENCE FOR GENERAL COMMUNICATION AND APPROVALS.
DRAWING INCONSISTENCIES
WHERE OBSERVED DISAGREEMENT OCCURS BETWEEN DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER DOCUMENT ITSELF, SUBMIT NOTICE OF THE SAME AND ASSUMPTION CONCERNING THE SAME IN PROPOSAL. THEREAFTER, THE ITEM OR ARRANGEMENTS OF BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST SHALL BE INCLUDED IN THE PROPOSAL.
WRITTEN NOTICES
WRITTEN NOTICES SHALL BE DEEMED AS DULY SERVED IF DELIVERED IN PERSON TO THE INDIVIDUAL, TO A MEMBER OF THE FIRM, OR TO AN OFFICER OF THE CORPORATION FOR WHOM IT IS INTENDED, OR IF DELIVERED AT OR SENT BY REGISTERED MAIL TO THE LAST BUSINESS ADDRESS OR SUCH INDIVIDUAL, FIRM OR CORPORATION, KNOWN TO HIM WHO GIVES NOTICE.
CONTRACTOR'S RESPONSIBILITY
THIS CONTRACTOR SHALL VERIFY AT THE JOBSITE ALL NECESSARY DIMENSIONS AND CONDITIONS PERTAINING TO THEIR WORK AND SHALL BE RESPONSIBLE FOR ALL WORK UNDER THIS CONTRACT, INCLUDING FAULTY OR IMPROPER WORK APPROVED BY CONSULTANT, OWNER, OR SUB-CONTRACTORS. THE CONTRACTOR SHALL DILIGENTLY PROSECUTE THE WORK AND GIVE HIS PERSONAL ATTENTION AND SUPERVISION TO SAME UNTIL COMPLETED. IT IS NOT INCUMBENT UPON THE OWNER AND/OR THEIR AGENT OR THE CONSULTANT TO NOTIFY THE CONTRACTOR TO ATTEND OR HAVE IN READINESS SUCH WORK OR MATERIALS AS OPERATIONS MAY REQUIRE, IT BEING DEEMED THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DELAYS CAUSED BY THEIR NEGLIGENCE BY CONTRACT OR OTHERWISE.
PERMITS AND CERTIFICATES
THE CONTRACTOR SHALL GIVE ALL NOTICES REQUIRED BY LAW AND COMPLY WITH ALL LAWS, ORDINANCES, FIRE CODES AND REGULATIONS BEARING ON THE CONDUCT OR THE WORK AS DRAWN AND SPECIFIED. THE CONTRACTOR SHALL OBTAIN AND PAY FOR AS REQUIRED ALL INSPECTION AND/OR ACCEPTANCE OF COMPLETION CERTIFICATES AS ARE REQUIRED BY ANY AGENCIES INVOLVED AND DELIVER THE SAME TO OWNER.
LAWS AND ORDINANCES
THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, REGULATIONS AND DIRECTIONS BY PROPER AUTHORITIES HAVING JURISDICTION.
CHANGES IN WORK
AUTHORIZED CHANGES SHALL BE BY WRITTEN CHANGE ORDER ONLY BY THE CONSULTANT OR OWNER (AFTER CONTRACT IS LET). PRIOR TO CONTRACT BEING LET, CHANGES SHALL BE BY ADDENDUM ONLY. CHANGES WITHOUT WRITTEN AND APPROVED CHANGE ORDERS OR ADDENDUM PRESENTED FOR PAYMENT WILL NOT BE ACCEPTED.
ERRORS, AMBIGUITIES, AND OMISSIONS
ANY ERRORS, AMBIGUITIES, AND OMISSIONS IN DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNER AND/OR THEIR AGENT FOR CORRECTION BEFORE ANY PART OF THE WORK INVOLVED IS STARTED. UNLESS OTHERWISE EXPRESSLY STIPULATED, NO ADDITIONAL ALLOWANCES WILL BE MADE IN THE CONTRACTOR'S FAVOR BECAUSE OF ERRORS, AMBIGUITIES AND/OR OMISSIONS, WHICH SHOULD REASONABLY HAVE BEEN DISCOVERED BY THE CONTRACTOR DURING THE PREPARATIONS OF THEIR BID ESTIMATE AND DIRECTED TO THE ATTENTION OF THE OWNER AND/OR THEIR AGENT IN A TIMELY MANNER. THE WRITTEN DECISION OF THE OWNER AND/OR THEIR AGENT WILL BE FINAL.
QUARANTEES
ALL FURNISHINGS, HARDWARE AND EQUIPMENT FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED AGAINST DEFECTS IN WORKMANSHIP, MATERIALS AND INSTALLATION, AND REPAIRS OF SUCH DEFECTS DURING THE FIRST YEAR AFTER FINAL COMPLETION AND ACCEPTANCE OF THE INSTALLATION WILL BE MADE BY THE CONTRACTOR AT THEIR OWN COST AND EXPENSE, AND WITHOUT CHARGE TO THE OWNER. ALL SUCH REPAIRS AND REPLACEMENTS SHALL BE MADE AT A TIME AND AT HOURS SATISFACTORY TO THE OWNER.
COORDINATION AND COOPERATION
THE VARIOUS CONTRACTORS SHALL COORDINATE THEIR WORK WITH EACH OTHER IN SUCH A WAY AS TO AVOID DELAYS, MISUNDERSTANDINGS AND DISAGREEMENTS, AND SHALL ACTIVELY COOPERATE WITH OTHERS ENGAGED ON THIS PROJECT AND ARRANGE AND EXECUTE THEIR WORK IN SUCH A MANNER AND SUCH TIMES AS WILL CAUSE THE LEAST POSSIBLE INTERRUPTION IN, OR OBSTRUCTION TO SUCH WORK OF OTHERS.
ITEMS
IT IS THE INTENT OF THE CONSULTANT THAT THE WORKMANSHIP AND MATERIALS AND METHODS USED TO CONSTRUCT THE SAME, BE OF THE BEST PRACTICES AND THE FINEST QUALITY. THE CONTRACTOR IS EXPECTED TO COMPLY WITH THE SPIRIT AS WELL AS TO THE LETTER WITH WHICH THE SPECIFICATIONS ARE WRITTEN.
FIXTURE WORK (CASEWORK)
SCOPE
FURNISH, FINISH AND INSTALL ALL ARCHITECTURAL WOODWORK, WHEN SPECIFIED UNDER THE FIXTURE CONTRACTOR SCOPE OF WORK, AS SHOWN ON DRAWINGS AND SPECIFIED HEREIN.
FIXTURE WORK (CASEWORK) SEE BID FORM
STANDARDS
THE QUALITY STANDARDS OF THE ARCHITECTURAL WOODWORK INSTITUTE SHALL APPLY AND BY REFERENCE ARE HEREBY MADE PART OF THIS SPECIFICATION. PREMIUM QUALITY SHALL BE DEFINED IN THE LATEST EDITION OF THE AIA 'QUALITY STANDARDS'. ANY ITEM NOT GIVEN A SPECIFIC GRADE SHALL BE PREMIUM GRADE AS DEFINED IN THE LATEST EDITION OF AIA 'QUALITY STANDARDS'.
COMPETENCE
THE APPROVED FIXTURE CONTRACTOR MUST HAVE A REPUTATION FOR DOING SATISFACTORY WORK ON TIME AND SHALL HAVE SUCCESSFULLY COMPLETED COMPARABLE WORK. IT IS THE UNDERSTANDING OF THE CONSULTANT AND THE OWNER THAT THE APPROVED FIXTURE CONTRACTOR HAS PREVIOUS EXPERIENCE IN THE FABRICATION OF SUCH PRODUCTS AND SHALL BRING ANY AND ALL POSSIBLE QUALITY AND/OR VALUE MANUFACTURING AND CONSTRUCTION PRACTICES TO THE ATTENTION OF THE CONSULTANT AND OWNER PRIOR TO FABRICATION. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FABRICATE THEIR WORK UTILIZING THEIR EXPERIENCE WITH COMPARABLE PROJECTS.

FIXTURE WORK & ARCHITECTURAL WOODWORK GENERAL CONDITIONS (CONTINUED)

REQUIREMENTS OF REGULATORY AGENCIES
TREAT ITEMS AS REQUIRED BY THE APPLICABLE CODES TO OBTAIN FLAME-SPREAD CLASSIFICATION REQUIRED. ALL WORK SHALL BE IN CONFORMANCE WITH THE REGULATORY AGENCIES HAVING JURISDICTION OVER THE MANUFACTURE, DELIVERY, AND INSTALLATION OF ARCHITECTURAL WOODWORK AND FIXTURE WORK.
SUBMITTALS
SUBMIT SHOP DRAWINGS ON ALL ITEMS OF FIXTURE WORK CALLING OUT ALL MATERIALS TO BE USED IN THE FABRICATION. SUBMIT MANUFACTURER'S DESCRIPTIVE LITERATURE OF SPECIALTY ITEMS NOT MANUFACTURED BY THE FIXTURE CONTRACTOR AND/OR AS REQUIRED BY THE CONSULTANT. SUBMIT FINISHED SAMPLES OF EACH FINISH COLOR ON WOOD SPECIE SPECIFIED. REVIEW OF THE SUBMITTALS IS FOR DESIGN INTENT ONLY AND DOES NOT RELIEVE THE FIXTURE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH THE CONTRACT DOCUMENTS AND JOBSITE CONDITIONS.
FIELD DIMENSIONS
THE FIXTURE CONTRACTOR IS RESPONSIBLE FOR DETAILS AND DIMENSIONS NOT CONTROLLED BY JOB CONDITIONS AND SHALL SHOW ON THEIR SHOP DRAWINGS ALL REQUIRED FIELD MEASUREMENTS NEEDED AND BEYOND THEIR CONTROL. THE GENERAL CONTRACTOR AND FIXTURE CONTRACTOR SHALL COOPERATE TO ESTABLISH AND MAINTAIN THESE FIELD CONDITIONS AND DIMENSIONS. THE FIXTURE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL DIMENSIONS, MAKING CERTAIN THAT WHICH THEY MANUFACTURE IS COORDINATED WITH THE JOBSITE CONDITIONS. ANY JOBSITE CONDITION INCONSISTENT WITH THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND CONSULTANT.
PRODUCT HANDLING
THE FIXTURE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE CERTAIN THAT FIXTURE WORK AND ARCHITECTURAL WOODWORK IS NOT DELIVERED UNTIL THE BUILDING AND STORAGE AREAS ARE SUFFICIENTLY DRY SO THAT THE ITEMS WILL NOT BE DAMAGED BY EXCESSIVE CHANGES IN MOISTURE CONTENT. ANY MATERIALS REQUIRING ACCLIMATIZATION SHALL BE DELIVERED TO THE JOBSITE WITH PLENTY OF LEAD-TIME TO ADJUST TO THE CLIMATIC CONDITIONS. THE FIXTURE CONTRACTOR WILL VERIFY THE ACCESS AND ENTRY INTO THE JOBSITE AND FABRICATE ACCORDING TO ANY SIZE RESTRICTIONS.
WOOD SPECIES
AS SPECIFIED, LUMBER SHALL BE FAS (BEST GRADE) WHITE OAK FOR TRANSPARENT FINISHING AS INDICATED ON THE DETAILS.
AS SPECIFIED, VENEER PLYWOOD PANELS SHALL BE WHITE OAK FOR TRANSPARENT FINISHING AS INDICATED ON THE DETAILS.
FIXTURES
AWI QUALITY GRADE: PREMIUM GRADE.
WOOD SPECIES (SOLIDS AND VENEERS) AND PLASTIC LAMINATES AS SPECIFIED ON DRAWINGS AND SPECS.
VENEERS AND PLASTIC LAMINATES SHALL BE BONDED UTILIZING THE HIGHEST QUALITY STANDARDS TO VENEER CORE PLYWOOD. ALL FIXTURE WORK IN WHICH SINKS, LAVATORIES, OR AREAS OF HEAVY MOISTURE OCCUR, MUST HAVE A CORE OF EXTERIOR GRADE PLYWOOD OR PHENOLIC RESIN BOARD, FABRICATED BY THE CONTRACTOR. PARTICLE OR CHIPBOARD CORE IS NOT ACCEPTABLE TO THE OWNER UNLESS APPROVED IN WRITING AND WITH REQUIRED MANUFACTURERS SUBMITTALS.
FINISHES SHALL BE APPLIED IN ACCORDANCE WITH STATE AND FEDERAL AIR POLLUTION STANDARDS:
1) VERTICAL SURFACES TRANSPARENT AWI SYSTEM #2 PER APPROVED SAMPLE
2) HORIZONTAL SURFACES TRANSPARENT AWI SYSTEM #5 PER APPROVED SAMPLE AREAS OF HIGH MOISTURE AND ALCOHOL.

BIDS NOT SUBMITTED ON THE BID FORM WILL NOT BE ACCEPTED
SUBMIT BIDS TO:
CONCORD HOSPITALITY ENTERPRISES
ATTENTION: JEFF GRACE
PHONE: 919.278.1563
jeff_grace@concordhoteles.com

KNAUER INCORPORATED
720 N. WALKEGAN ROAD, SUITE 200
DEERFIELD, IL 60015
PHONE: 847.948.9500
ATTENTION: STAN OBUCHOWSKI
stano@knauerinc.com

Table with 4 columns: QTY, MARK, DESCRIPTION, AMOUNT. Includes items like BACK BAR, HOST STAND, WINE DISPLAY, SERVICE STATION, BEVERAGE STATION, PICK-UP COUNTER, and COMMUNITY TABLES.

Summary table with columns: QTY, AMOUNT, DELIVERY AND INSTALLATION, TAX, GRAND TOTAL.

ARCHITECTURAL WOODWORK (MILLWORK)
ARCHITECTURAL WOODWORK (SEE BID FORM) SHALL BE ACCURATELY INSTALLED, PLUM, LEVEL AND TRUE. ALL MEMBERS SHALL BE NEATLY AND ACCURATELY SCRIBED IN PLACE. ALL TRIM SHALL BE PUT ON IN FULL LENGTHS, WITHOUT PIECING, EXCEPT WHERE THE USE OF SINGLE MEMBERS WOULD BE IMPRACTICABLE OR IMPOSSIBLE. BUTT JOINTS, WHERE NECESSARY, SHALL BE BEVELED. ALL EXTERIOR ANGLES SHALL BE MITERED, INTERIOR ANGLES SHALL BE COPED, AND NAILS SET FOR PUTTY STOPPING.
WHEREVER MILLWORK AND FINISH CARPENTRY ABUTS WITH WORK OF OTHER TRADES, A NEAT AND TIGHT JOINT SHALL BE MADE.
ALL MEASUREMENTS FOR FINISH CARPENTRY SHALL BE CHECKED AND VERIFIED AT THE BUILDING BEFORE FABRICATION. PROVISIONS FOR SHRINKING AND SWELLING OF WOOD SHALL BE PROVIDED FOR. ALLOWANCES FOR CUTTING AND FITTING ON THE JOB SHALL BE PROVIDED FOR.
FINISH CARPENTRY SHALL BE ACCURATELY MILLED WITH CLEAN-CUT PROFILES AND LINES. ALL MATERIAL SHALL BE SANDED SMOOTH. JOINTS SHALL BE MORTISED, TENONED, SPLINED, HOUSED, GULLED, BLOCKED, SCREWED, OR BOLTED TOGETHER IN THE BEST MANNER SO AS TO PREVENT ANY SWELLING OR SHRINKAGE, AND TO INSURE THE WORK REMAINING IN PLACE WITHOUT OPENING OF JOINTS, WARPING OR SPLITTING.
ALL WOOD FINISH SHALL BE FITTED AND SCRIBED TO WALLS, PLASTER, GYPSUM BOARD, OR OTHER FINISH WORK SO AS NOT TO INJURE THE SURFACES IN ANY WAY. ALL NAIL HEADS SHALL BE SET.
ARCHITECTURAL WOODWORK SHALL BE FABRICATED TO CONFORM TO PREMIUM GRADE IN ACCORDANCE WITH STANDARDS OF THE ARCHITECTURAL WOODWORK INSTITUTE.
ALL VENEERS SHALL BE BONDED UTILIZING THE HIGHEST QUALITY STANDARDS TO A PLYWOOD CORE. ALL WALL PANELS, TRIM, OR OTHER ARCHITECTURAL WOODWORK IN AREAS OF HEAVY MOISTURE, MUST HAVE A CORE OF EXTERIOR GRADE PLYWOOD OR PHENOLIC RESIN BOARD. PARTICLE OR CHIPBOARD CORE IS NOT ACCEPTABLE TO THE OWNER UNLESS APPROVED IN WRITING AND WITH REQUIRED MANUFACTURERS SUBMITTALS.
ADDITIONALLY, SEE FIXTURE WORK, ABOVE FOR PRODUCT HANDLING, FIELD DIMENSIONS, SUBMITTALS, REQUIREMENTS OF REGULATORY AGENCIES, AND STANDARDS.
WOOD SPECIES
AS SPECIFIED, LUMBER SHALL BE FAS (BEST GRADE) WHITE OAK FOR TRANSPARENT FINISHING AS INDICATED ON THE DETAILS.
AS SPECIFIED, VENEER PLYWOOD PANELS SHALL BE WHITE OAK FOR TRANSPARENT FINISHING AS INDICATED ON THE DETAILS.
FINISHES
FINISHES SHALL BE APPLIED IN ACCORDANCE WITH STATE AND FEDERAL AIR POLLUTION STANDARDS:
1) VERTICAL SURFACES TRANSPARENT AWI SYSTEM #2 PER APPROVED SAMPLE
2) HORIZONTAL SURFACES TRANSPARENT AWI SYSTEM #5 PER APPROVED SAMPLE AREAS OF HIGH MOISTURE AND ALCOHOL.

HOLD HARMLESS AGREEMENT
THE CONTRACTOR HEREBY AGREES TO INDEMNIFY, KEEP AND SAVE HARMLESS CONCORD HOSPITALITY ENTERPRISES, ITS AGENTS, OFFICIALS, CONSULTANTS, AND EMPLOYEES AGAINST ALL INJURIES, JUDGMENTS, COSTS AND EXPENSES WHICH MAY IN ANYWISE ACCRUE AGAINST CONCORD HOSPITALITY ENTERPRISES IN CONSEQUENCE OF THE GRANTING OF THIS CONTRACT OR WHICH MAY IN ANYWISE RESULT THERE FROM, WHETHER OR NOT IT SHALL BE ALLEGED OR DETERMINED THAT THE ACT WAS CAUSED THROUGH NEGLIGENCE OR OMISSION OF THE CONTRACTOR OR HIS EMPLOYEES, IF ANY OR IF CONCORD HOSPITALITY ENTERPRISES, OR ITS EMPLOYEES, AND THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, APPEAR, DEFEND, AND PAY ALL CHARGES OF ATTORNEYS AND COSTS AND OTHER EXPENSES ARISING THERE FROM OR INCURRED AGAINST CONCORD HOSPITALITY ENTERPRISES IN ANY SUCH ACTION, AND SHALL AT HIS OWN EXPENSE, DISCHARGE SAME.
THE CONTRACTOR EXPRESSLY UNDERSTANDS AND AGREES THAT ANY PERFORMANCE BOND OR INSURANCE PROTECTION REQUIRED BY THIS CONTRACT, OR OTHERWISE PROVIDED BY THE CONTRACTOR, SHALL IN NO WAY LIMIT THE RESPONSIBILITY TO INDEMNIFY, KEEP AND SAVE HARMLESS AND DEFEND CONCORD HOSPITALITY ENTERPRISES AS HEREIN PROVIDED.

CONTRACTOR:
BY:
ATTENT:
BY:

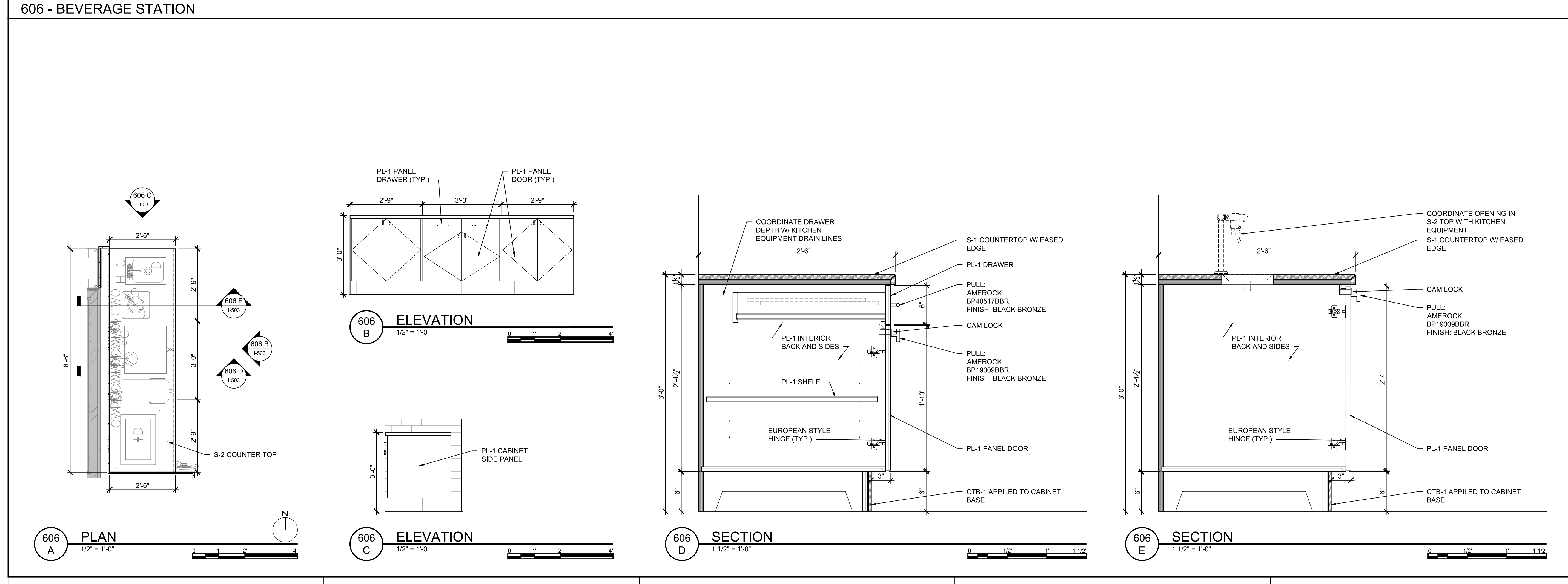
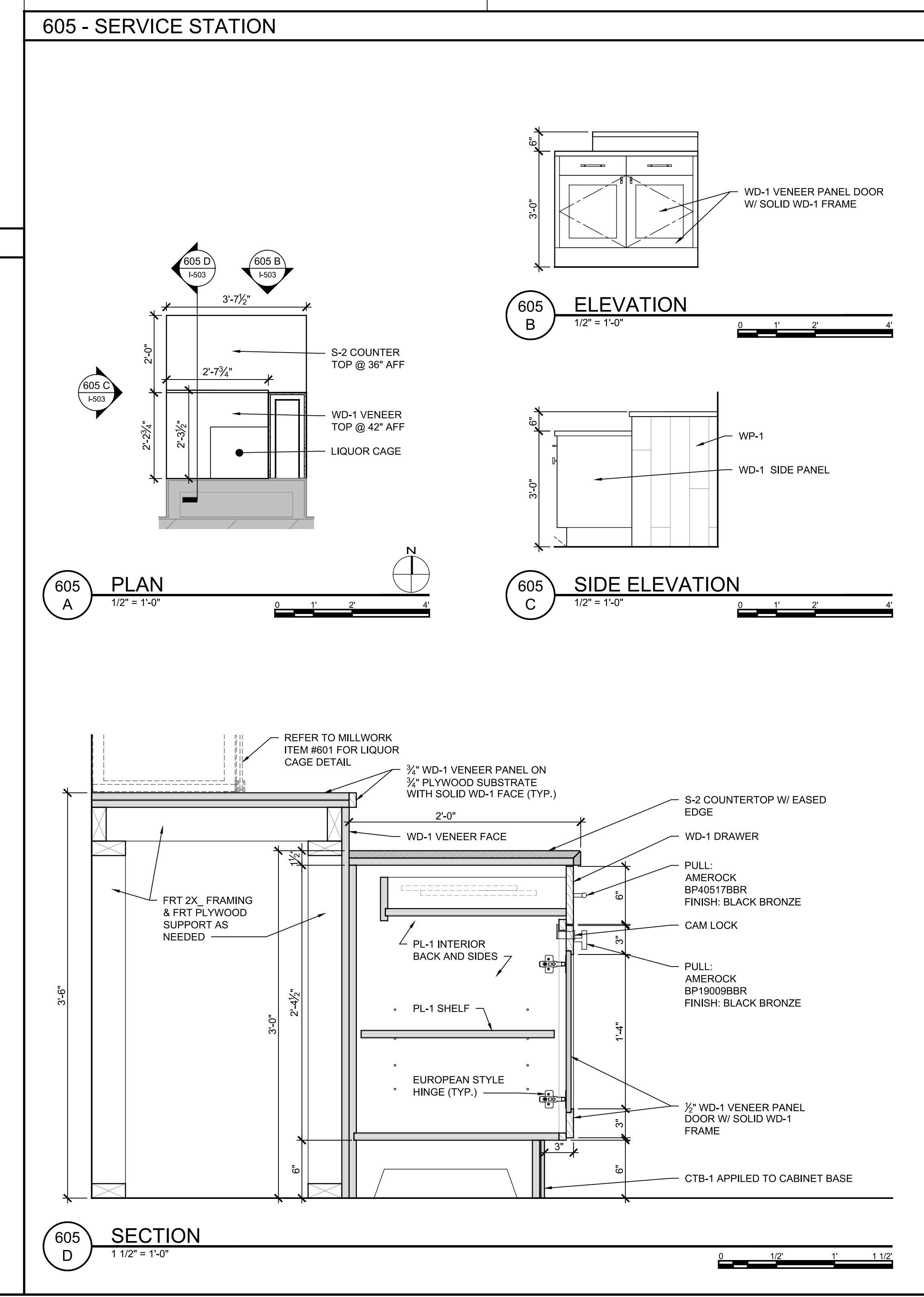
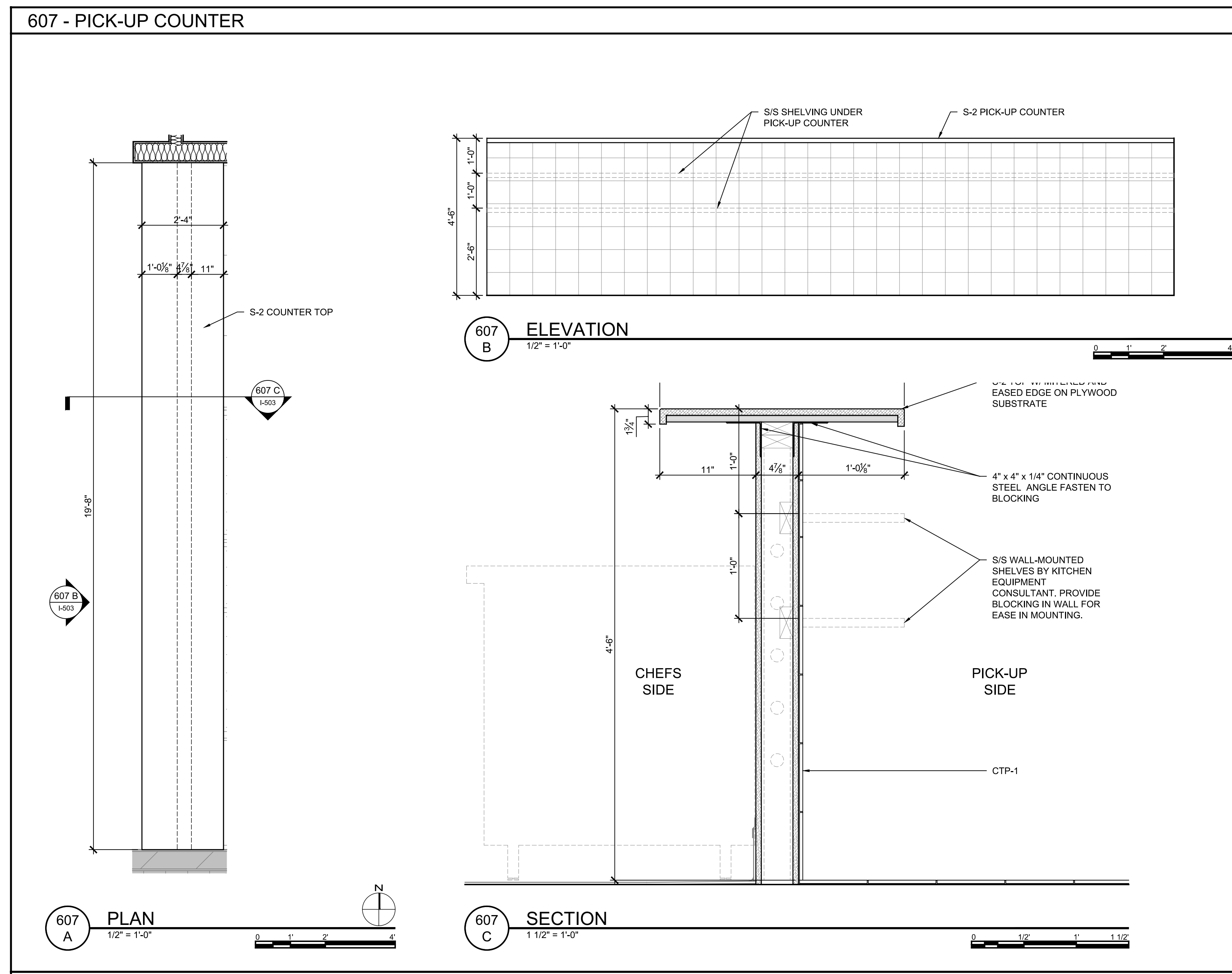


Table with columns: MARK, DATE, DESCRIPTION. Includes entries for 09/27/24 ISSUED FOR PERMIT, 04/01/22 ISSUED FOR BIDS, 02/28/22 ISSUED FOR REVIEW, 02/09/22 CLIENT REVIEW SET.

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

PROJECT NO.: 5530
CAD DWG FILE: 5530- THE OAK HOUSE HOTEL CAD2024-WINE AND BEVERAGES-REV01
DRAWN BY:
CHKD BY:
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SHEET TITLE
MILLWORK
SPECIFICATIONS
I-500



9/27/2024

| MARK | DATE | DESCRIPTION |
|----------|-------------------|-------------|
| 09/27/24 | ISSUED FOR PERMIT | |
| 04/01/22 | ISSUED FOR BIDS | |
| 02/28/22 | ISSUED FOR REVIEW | |
| 02/09/22 | CLIENT REVIEW SET | |
| ISSUED | | |

OAK HOUSE

5130 BIGELOW BLVD
PITTSBURGH, PA 15213

PROJECT NO: 3530
CAD DWG FILE: 0303 - THE OAK HOUSE HOTEL/CLUBS - WINE BAR/SHOPS/SCREENING ROOM - 03/04/2024 MILLWORK DETAILS.DWG
DRAWN BY: -
CHKD BY: -
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MILLWORK DETAILS

I-503

E:\3000 - THE OAK HOUSE HOTEL/CLUBS - WINE BAR/SHOPS/SCREENING ROOM - 03/04/2024 MILLWORK DETAILS.DWG (PROJECT) - AUTOCAD PDF (GENERAL DOCUMENTATION) (PC) KNAUER\AES STANWARD.BTB 10/17/2024 11:37:49

OAKLANDER OAK HOUSE

PITTSBURGH, PA

HEALTH DEPARTMENT NOTES:

- OWNER/OPERATOR IS REQUIRED TO TAKE OUT A SEPARATE HEALTH DEPARTMENT PERMIT.
- ALL FOOD SERVICE AND RELATED PRODUCTS SHALL BE NATIONAL SANITARY FOUNDATION (NSF) OR (UL) APPROVED FOR FOOD SERVICE.
- CONSTRUCTION JOINTS, CRACKS AND CREVICES IN THE BUILDING OR CABINETRY MUST BE FILLED WITH AN APPROVED SEALANT/CAULK.
- WINDOWS THAT OPEN MUST HAVE A MIN. OF #16 MESH SCREEN.
- DOORS TO THE OUTSIDE AND REST ROOMS MUST HAVE AUTOMATIC DOOR CLOSURE OR BE FITTED WITH AN AIR CURTAIN, AND MUST NOT HAVE MORE THAN 1/4" MAX. GAP FROM BOTTOM OF DOOR TO FINISHED FLOOR.
- EXTERIOR PASS-THRU WINDOWS MUST BE SCREENED OR AIR CURTAINED.
- CONDUIT FOR ELECTRICAL, PLUMBING, REFRIGERATION, SODA OR ANY OTHER SERVICE MUST BE CONCEALED IN WALLS, FLOORS, CEILING, OR 1-1/2" OFF WALL WITHIN HEALTH DEPARTMENT APPROVED CHASE RUNS WITH END RUN SEALED TIGHTLY.
- TRASH/GARBAGE AREAS RECEIVING FOOD WASTE OR FOOD CONTAINERS MUST HAVE AN APPROVED TRASH DUMPSTER.
- VERMIN PROOFING WILL INCLUDE BUT NOT LIMITED TO INSECTS AND RODENTS. THIS FACILITY IS TO BE CONSTRUCTED, MAINTAINED AND OPERATED AS TO PREVENT VERMIN. ADDITIONAL PREVENTION DEVICES SHALL BE PROVIDED AS REQUIRED BY LOCAL AGENCIES.
- FLOOR SINKS AND FLOOR DRAINS WILL BE INSTALLED FOR EASY CLEANING ACCESS AND INSPECTION.
- AT LEAST 50-FOOT CANDLES AT A SURFACE WHERE A FOOD EMPLOYEE IS WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS, OR SAWS WHERE EMPLOYEE SAFETY IS A FACTOR AND IN OTHER AREAS AND ROOMS DURING PERIODS OF CLEANING. AT LEAST 20-FOOT CANDLES AT A DISTANCE OF 30" ABOVE THE FLOOR IN AREAS USED FOR HAND WASHING, WAREWASHING, AND EQUIPMENT AND UTENSIL STORAGE, AND IN TOILET ROOMS. MINIMUM OF 10-FOOT CANDLES IN WALK-IN COOLERS/FREEZERS & DRY STORAGE AREAS.
- CUSTOM STAINLESS STEEL WORK EQUIPMENT SHALL MEET NSF STANDARDS.
- POT SINKS AND DRAIN BOARDS MUST BE LARGE ENOUGH TO HOLD THE LARGEST POT/UTENSIL TO BE WASHED. DRAIN BOARDS ARE TO BE EQUAL IN SIZE OR LARGER THAN SINK COMPARTMENTS.

- CUSTOM MILLWORK/CABINETRY SHALL HAVE SMOOTH WASHABLE SURFACES. INTERIOR SHALL BE COVERED ENTIRELY WITH PLASTIC LAMINATE. INTERIORS OF ALL CABINETRY SHALL BE WHITE OR LIGHT COLORED INSIDE.
- EQUIPMENT SHALL HAVE 6" LEGS OR CASTERS. IF CURBS ARE PROVIDED FOR EQUIPMENT, THEY MUST BE A MIN. OF 4" IN HEIGHT WITH AN INTEGRAL 3/8" RADIUS COVE BASE & MUST BE SEALED TO CURB.
- REFRIGERATORS ARE TO HAVE VISIBLE THERMOMETERS, PROPERLY CALIBRATED WITH DANGER ZONES CLEARLY DEFINED.
- MOP SINK TO HAVE HOT & COLD MIXING FAUCET W/ANTI SIPHON DEVICE; CLEANING GOODS STORAGE TO BE ABOVE FAUCET.
- HAND SINK TO HAVE HOT & COLD MIXING FAUCET AND PERMANENTLY MOUNTED TOWEL AND SOAP DISPENSERS.
- FINISHED-FOOD PREPARATION AREAS:
FLOORS - COMMERCIAL GRADE VINYL, APPROVED TILE, OR POURED EPOXY FLOORING
BASE - CONTINUOUS SEALED COVER WITH 3/8" RADIUS INTEGRAL WITH FLOOR
WALLS - FLOOR TO CEILING SHEET ROCK WITH SMOOTH WATER BASED ENAMEL PAINTED SURFACE WITH 70% REFLECTION. WET AREAS TO BE FINISHED TO MINIMUM HEIGHT REQUIREMENT WITH APPROVED WATER PROOF, EASILY CLEANABLE MATERIAL
CEILING - T-BAR SYSTEM WITH COMMERCIAL VINYL TILES OR SHEET ROCK FINISHED WITH WASHABLE ENAMEL PAINT.
SAMPLES MUST BE SUBMITTED BY GENERAL CONTRACTOR / OWNER.
- EXHAUST HOODS SHALL BE FLASHED TO THE WALLS AND CEILING, UNLESS NOTED OTHERWISE. ALL JOINTS AND SEAMS SHALL BE LIQUID TIGHT AND SMOOTH FOR EASE OF CLEANING. APPROVED CONSTRUCTION METHODS AND MATERIALS SHALL BE USED FOR SEALING JOINTS AND SEAMS. POP RIVETS, METAL SCREWS, OR OTHER SIMILAR EXPOSED FASTENERS SHALL NOT BE USED ON INTERNAL SURFACES OF THE HOOD.

GENERAL CONTRACTOR NOTES:

- FOOD SERVICE EQUIPMENT DESIGNER IS NOT AN ARCHITECT OR AN ENGINEER. THESE DRAWINGS ARE PROVIDED FOR THE CONVENIENCE OF THE ARCHITECT, GENERAL CONTRACTOR, TRADE ENGINEERS AND SUBCONTRACTORS TO SHOW GENERAL PLACEMENT OF THE FOOD SERVICE EQUIPMENT.
- COORDINATE ALL PHASES OF CONSTRUCTION WITH FOOD SERVICE EQUIPMENT CONTRACTOR; INCLUDING ADVANCE NOTIFICATION FOR ROUGH INSPECTIONS, FINISH PLUMBING, ELECTRICAL WORK, ROOF PAD READINESS, ETC.
- IT IS THE RESPONSIBILITY OF THE OWNER/GENERAL CONTRACTOR TO FORWARD ALL ADDENDUM'S AND CHANGES TO THE BUILDING PLANS WHICH ARE MADE DURING THE PERMITTING & CONSTRUCTION PROCESS. OWNER WILL BE RESPONSIBLE FOR COSTS INCURRED DUE TO FAILURE OF COMMUNICATING CHANGES IN A TIMELY MANNER.
- ROOF TOP PLAN BY THE ARCHITECT/ENGINEER; PLATFORMS BY THE G.C.
- ROOF, CEILING & WALL PENETRATIONS PROVIDED BY THE G.C., CODE COMPLIANT CHASES TO BE PROVIDED AS NECESSARY, BY G.C. TO INCLUDE FIRE RATED SEALANT AS NEEDED.
- EQUIPMENT PADS, CURBS & ROOF JACKS/PITCH POCKETS BY G.C.
- ROOF TOP EQUIPMENT TO BE LIFTED BY G.C.
- EXHAUST SYSTEM TO BE ENGINEERED AND SUPPLIED BY THE G.C. FROM THE DUCTS UP. FINAL WELD OR CONNECTION BY THE G.C. CLEAN OUTS, FIRE RATED WRAPPING/SHAFTS AND ENCLOSURES BY THE G.C. AS SPECIFIED BY LOCAL ORDINANCES. BALANCE REPORT BY G.C./OWNER REPRESENTATIVE.
- G.C. IS THE FINAL AUTHORITY IN ASSURING THAT ALL TRADES COMPLY WITH STATE & LOCAL CODES.
- PERMITS AND FEES ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND OWNER UNLESS OTHERWISE NOTED.
- SITE CONDITIONS TO BE VERIFIED BY G.C., ANY VARIANCES TO BE NOTED PRIOR TO CONSTRUCTION. FSEC MUST HAVE ADEQUATE SITE & BUILDING ACCESS FOR PROPER DELIVERY AND INSTALLATION OF ALL EQUIPMENT, INCLUDING OVERSIZED PIECES.
- CRITICAL TIME PATH TO BE GENERATED BY THE G.C. OR THE ARCHITECT.
- ROUGH-INS INDICATED ON THIS PLAN PERTAIN TO FOOD SERVICE EQUIPMENT ONLY. ANY ADDITIONAL REQUIREMENTS INCLUDING CONVENIENCE OUTLETS AND AUXILIARY SERVICE TO BE DESIGNED BY OWNER, ARCHITECT AND ENGINEERS. FSEC TO PROVIDE ONE SITE TRIP TO CHECK OPEN STUD WALLS FOR UTILITY REVIEW.
- G.C. TO CONFIRM INSTALLATION HEIGHT OF FLOOR SINKS WITH HEALTH DEPARTMENT PLAN CHECK.
- WALL FINISHES IN KITCHEN AND SCULLERY ARE TO BE INSTALLED PRIOR TO INSTALLATION OF FOOD SERVICE EQUIPMENT.
- WALK-IN PAD MUST BE SMOOTH & LEVEL FOR INSTALLATION.
- NON-COMBUSTIBLE WALLS ARE TO BE PROVIDED AT COOKING AREAS IN COMPLIANCE WITH LOCAL CODES.
- G.C. TO PROVIDE WALL BACKING OF WOOD BLOCKING OR METAL FOR THE INSTALLATION OF SHELVES, FIRE SUPPRESSION EQUIP., LOCKERS, ETC. COORDINATE HEIGHTS WITH EQUIPMENT.
- WALK-IN SPRINKLERS BY G.C. IF NEEDED (PROTECT FREEZER SPRINKLER IF NEEDED). SPRINKLER PENETRATIONS BY G.C./FIRE SPRINKLER CONTRACTOR.
- G.C. TO VERIFY ALL INSTALLATION, UTILITIES REQUIREMENTS, AND SIZING OF OWNER/VENDOR/ARCHITECT/OTHERS SUPPLIED EQUIPMENT.
- FLOOR DRAINS AND TROUGHS MUST HAVE FLOOR SLOPED PROPERLY. G.C. CONTRACTORS TO VERIFY REQUIREMENTS WITH LOCAL CODES.
- METERS SHALL BE ORDERED AND PLACED BY THE G.C./OWNER IN A TIMELY MANNER. DELAYS MUST BE ACKNOWLEDGED WITH EQUIPMENT SUPPLIER.
- DEBRIS BOX BY G.C. AND TO BE AVAILABLE FOR K.E.C. USE.
- PLUMBING & ELECTRICAL CONTRACTORS ARE RESPONSIBLE TO PROVIDE ANY PARTS NECESSARY FOR FINAL CONNECTIONS.
- SODA SYSTEM MAY REQUIRE ELECTRICAL POWER AT SOURCE OF SYRUP.
- WALK-IN BOX TO BE WIRED COMPLETE BY ELECTRICIAN INCLUDING BUT NOT LIMITED TO INTERNAL WIRING, DOOR HEATERS, COIL, HEAT TAPE, SHUTOFFS AND COMPRESSOR.
- WALK-IN BOX TO BE PLUMBED COMPLETE, INCLUDING BUT NOT LIMITED TO CONDENSATE DRAIN LINE.
- G.C. SHALL BE RESPONSIBLE FOR ALL GENERAL AND FINAL CLEANUP INCLUDING PULLING S/S PROTECTION COVERING AND REPOSITIONING EQUIPMENT AFTER TRADE HOOK UPS.
- SEAL ALL CRACKS AND CREVICES IN COUNTERS, AROUND METAL FLASHING, AND CONDUIT W/NON-HARDENING SILICON SEALANT.
- G.C. TO PERFORM AND PROVIDE THIRD PARTY AIR BALANCE TEST FOR ALL TYPE 1 EXHAUST HOODS PRIOR TO FINAL INSPECTION. SUBMIT A COPY OF THE AIR BALANCE TEST TO ENVIRONMENTAL HEALTH ONCE COMPLETED.

VENTILATION NOTES:

- WHENEVER A REMOTE COMPRESSOR IS LOCATED IN AN ENCLOSED SPACE, TO INCLUDE ATTIC SPACES, UTILITY ROOMS/CLOSETS, BASEMENTS, ABOVE WALK-IN BOXES OR ANY ENCLOSED ROOM WITHIN A FACILITY, THE MECHANICAL ENGINEER IS RESPONSIBLE FOR REVIEWING THE AMBIENT TEMPERATURE OF THE AREA AND SPECIFYING ANY ADDITIONAL VENTING OR AIR CONDITIONING REQUIRED. TO ALLOW THE EQUIPMENT TO BREATHE & OPERATE PROPERLY.

FIRE SYSTEM NOTES:

- FIRE SUPPRESSION DRAWINGS FOR CLASS I EXHAUST HOODS TO BE PREPARED BY A LICENSED FIRE SYSTEM INSTALLATION COMPANY AND WILL SUBMITTED BY SAME UNDER SEPARATE PERMIT. FIRE SYSTEM INSTALLATION CONTRACTOR UNDER CONTRACT THROUGH KEC. LOCATIONS OF FIRE PULL STATION(S) TO BE CONDITIONING WITH FIRE MARSHALL PRIOR TO ROUGH-IN.

| SHEET SCHEDULE | | |
|----------------|----------------------------|--|
| FS-0.0 | COVER SHEET/NOTES | |
| FS-1.0 | FOOD SERVICE PLAN | |
| FS-1.1 | EQUIPMENT SCHEDULE | |
| FS-2.0 | ELECTRICAL PLAN | |
| FS-3.0 | PLUMBING PLAN | |
| FS-3.1 | UNDERGROUND PLUMBING PLAN | |
| FS-4.0 | BACKING/SPECIAL CONDITIONS | |
| FS-5.0 | NOT USED | |
| FS-6.0 | HOOD DRAWING | |
| FS-6.1 | HOOD DRAWING | |
| FS-6.2 | HOOD DRAWING | |
| FS-6.3 | HOOD DRAWING | |
| FS-7.0 | WALK-IN DRAWING | |
| FS-7.1 | WALK-IN DRAWING | |
| FS-7.2 | WALK-IN DRAWING | |

ABBREVIATIONS

| | | | | | | | | | | | |
|-------|--------------------------|-----------|---------------------------|------------|----------------------------------|-------|--|-------|-------------------------|------|-------------------------|
| & | AND | CLG | CEILING | FIN | FINISH | HM | HOLLOW METAL | NIC | NOT IN CONTRACT | SMD | SEE MECHANICAL DRAWINGS |
| ∠ | ANGLE | COL | COLUMN | FLR | FLOOR | HORIZ | HORIZONTAL | NOM | NOMINAL | SMS | SHEET METAL SCREW |
| @ | AT | COMP | COMPOSITE | FOC | FURNISHED BY OWNER, INSTALLED BY | HVAC | HEATING, VENTILATION, AIR CONDITIONING | NTS | NOT FOR SALE | SPD | SEE PLUMBING DRAWINGS |
| ⊙ | CENTER LINE | CONT | CONTINUOUS | | | ID | INSIDE DIMENSION | OC | ON CENTER | SPEC | SPECIFICATIONS |
| ∅ | DIAMETER | CPT | CARPET | CONTRACTOR | | INT | INTERIOR | OD | OUTSIDE DIAMETER | S/S | STAINLESS STEEL |
| ° | DEGREE | DBL | DOUBLE | FOS | FACE OF STUD | L | LENGTH | PDP | POWER DRIVEN PIN | STD | STANDARD |
| ▭ | PLATE OR PROPERTY LINE | DET | DETAIL | FOSTL | FACE OF STEEL | LAV | LAVATORY | PH | PANIC HARDWARE | STL | STEEL |
| # | POUND OR NUMBER | DIM | DIMENSION | FSEC | FOOD SERVICE EQUIPMENT | LF | LINEAR FOOT/FEET | PLF | PER LINEAL FOOT | STS | SELF TAPPING SCREW |
| ▣ | SQUARE FOOT | DSA | DIVISION OF STATE | CONTRACTOR | | LH | LEFT HAND | PLAM | PLASTIC LAMINATE | T&G | TONGUE & GROOVE |
| AB | ANCHOR BOLT | ARCHITECT | | FRP | FIBERGLASS REINFORCED | LHR | LEFT HAND REVERSED | PLYWD | PLYWOOD | TOB | TOP OF WALK-IN BOX |
| ACOUS | ACOUSTIC | DWG | DRAWING | PANEL | | MAX | MAXIMUM | PR | PAIR | TOP | TOP OF PAVEMENT |
| ACT | ACOUSTIC CEILING TILE | DCO | DUPLEX CONVENIENCE | FT | FOOT OR FEET | MECH | MECHANICAL | PSF | POUNDS PER SQUARE FOOT | TOF | TOP OF FLOOR |
| ACH | ABOVE COUNTER HEIGHT | OUTLET | | FTG | FOOTING | MFR | MANUFACTURER | REINF | REINFORCING | TOS | TOP OF SLAB/STEEL |
| AFF | ABOVE FINISHED FLOOR | (E) | EXISTING | GA | GAUGE | MIN | MINIMUM | RHWS | ROUND HEAD WOOD SCREW | TOW | TOP OF WALL |
| ALUM | ALUMINUM | EA | EACH | GALV | GALVANIZED | MISC | MISCELLANEOUS | RHR | RIGHT HAND REVERSED | TS | TUBE STEEL |
| ARCH | ARCHITECTURAL, ARCHITECT | ELECT | ELECTRICAL | GSM | GALVANIZED SHEET METAL | MOD | MODULAR | RM | ROOM | TYP | TYPICAL |
| BD | BOARD | EQ | EQUAL | GWB | GYPSPUM WALLBOARD | MTD | MOUNTED | RO | ROUGH OPENING | UNO | UNLESS NOTED OTHERWISE |
| BLDG | BUILDING | EXT | EXTERIOR | GYP | GYPSPUM | MTL | METAL | RWL | RAINWATER LEADER | VCT | VINYL |
| BLKG | BLOCKING | (F) | FUTURE | H | HEIGHT | (N) | NEW | SCD | SEE CIVIL DRAWINGS | VERT | VERTICAL |
| BM | BEAM | FE | FIRE EXTINGUISHER | HGT | HEIGHT | | | SCH | SECTION | W | WIDTH |
| BOT | BOTTOM | FEC | FIRE EXTINGUISHER CABINET | HB | HOSE BIB | | | SED | SEE ELECTRICAL DRAWINGS | W/ | WITH |
| BTC | BRANCH TO CONNECTION | FHWS | FLAT HEAD WOOD SCREW | HHS | HEX HEAD SCREW | | | SIM | SIMILAR | WD | WOOD |

DISCLAIMER

MYERS RESTAURANT SUPPLY, INC. (MRS, INC.) DOES NOT REPRESENT THEMSELVES AS PROFESSIONAL ARCHITECTS OR ENGINEERS. THESE PLANS ARE NOT PROVIDED AS A RESULT OF AN AGREEMENT FOR THOSE PURPOSES. THESE PLANS ARE PROVIDED ON BEHALF OF THE PROJECT OWNER FOR THE CONVENIENCE OF THE PROJECT ARCHITECT OR ENGINEER AND THE CONTRACTORS TO LOCATE THE FOOD SERVICE EQUIPMENT AND THEIR RELEVANT UTILITIES AND TO ASSIST THE ENVIRONMENTAL HEALTH DEPARTMENT IN ACCESSING THE RELEVANT SUBMITTAL INFORMATION. CURRENT TECHNICAL INFORMATION HAS BEEN UTILIZED AND MRS, INC. WILL ASSIST IN THE RESUBMITTAL IN THE EVENT A PRODUCT OR SPECIFICATION HAS NOT MET CURRENT CODE. THE OWNER WILL CONFIRM TO THE ELECTRICIAN AND PLUMBER UTILITY REQUIREMENTS FOR OWNER SUPPLIED EQUIPMENT AND VENDOR SUPPLIED EQUIPMENT. CONTRACTORS MUST VERIFY UTILITY LOCATIONS AND APPLICABILITY TO THE BUILDING PRIOR TO COMMENCEMENT OF WORK. DISCREPANCIES ARE TO BE REVIEWED, ADJUSTED AND SIGNED OFF PRIOR TO WORK. SUBCONTRACTOR ALLOWANCES OR BACK CHARGES WILL NOT BE ACCEPTED. QUALITY OF WORK, JOB SITE CONDITIONS, LABOR DISPUTES OR CONTRACTORS AND ADHERENCE TO CODES ARE THE RESPONSIBILITY OF OTHERS. MRS IS NOT RESPONSIBLE FOR ADA (AMERICAN DISABILITIES ACT) REQUIREMENTS NOR TITLE 24 ENERGY CONSERVATION REQUIREMENTS. THESE PLANS REMAIN THE PROPERTY OF MRS, INC. UNTIL ASSIGNED TO PROJECT CLIENT.

| PRINCIPALS | |
|---|--|
| ARCHITECT KNAUER INC. 226 GREEN BAY ROAD HIGHWOOD, IL 60040 P: 847.948.9500 | OWNER CONCORD HOSPITALITY ENTERPRISES 11410 COMMON OAKS DRIVE RALEIGH, NC 27614 P: 919.278.1575 |
| KITCHEN DESIGNER MYERS FOODSERVICE EQUIPMENT, SUPPLY, & DESIGN 600 ROUND ROCK WEST DRIVE, SUITE 102 ROUND ROCK, TX 78681 | |



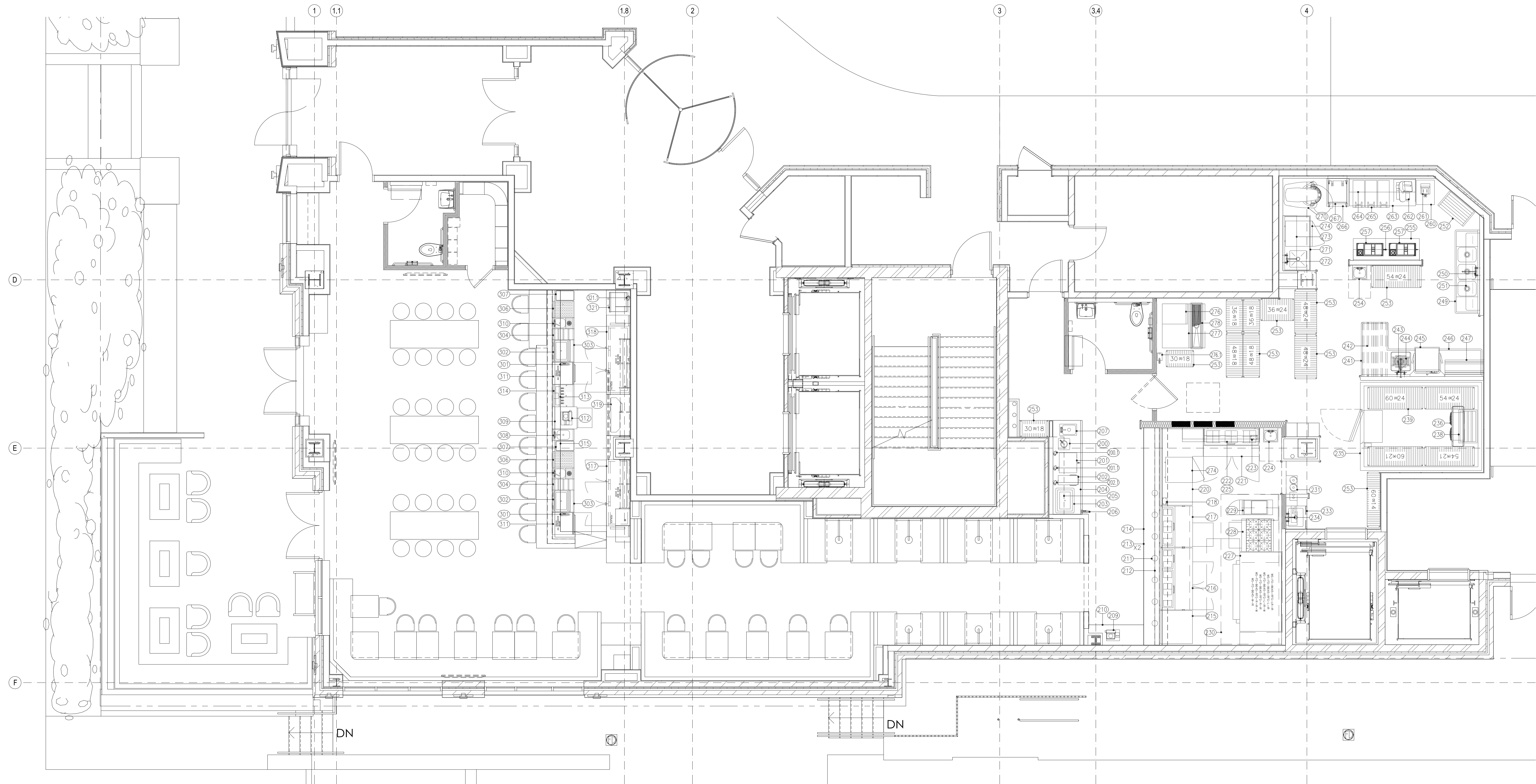
| OWNER/SP REVISIONS | DATE |
|-----------------------|---------------|
| EQUIPMENT REVISIONS | 02.18.2022 |
| UPDATED HOOD DRAWINGS | 03.03.2022 |
| ICE MAKER REVISION | 04.05.2022 |
| ISSUED FOR PERMIT | 04.14.2022 |
| NO. | REVISION DATE |

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

FOODSERVICE EQUIPMENT
COVER SHEET

| |
|------------------|
| APPROVED |
| DATE |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: |
| DATE |
| 02.07.2020 |
| JOB NO. |
| SHEET |
| FS-0.0 |

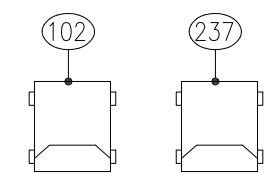
NOTE: CLIENT TO REVIEW WITH ARCHITECT FOR THE FINAL LOCATION OF ALL POS, PRINTERS, TELEVISIONS, TELEPHONES, AUDIO/VIDEO EQUIPMENT, SECURITY, LIGHTING SWITCHES, OFFICE EQUIPMENT, COMPUTER LINE RUNS, TIME CARDS AND TIME CLOCKS. THESE COMPONENTS ARE TO BE REFLECTED ON ELECTRICIAN'S PLANS GENERATED BY ELECTRICAL ENGINEER.



LEVEL 1: WINE BAR & PIZZA

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

REMOTE COMPRESSORS & CONDENSING UNITS



KEC SUPPLIES REMOTE COMPRESSORS AND CONDENSING UNITS IF IN SCOPE OF WORK. ALL CURBS, ELECTRICAL, PLUMBING, AND PENETRATIONS ARE BY OTHERS.

EXACT LOCATION OF COMPRESSORS ARE TO BE DETERMINED BY ARCHITECT. FREE & EASY ACCESS INTO AREA FOR COMPRESSORS MUST BE PROVIDED BY OTHERS, TO ALLOW PLACEMENT OF RACK AS WELL AS MAINTAIN MINIMUM CLEARANCE REQUIREMENTS.

SUFFICIENT AIR CHANGES MUST BE PROVIDED IN THIS AREA TO ALLOW ADEQUATE AIR CIRCULATION FOR WATER COOLED OR AIR COOLED COMPRESSORS.

STRUCTURAL SUPPORT AS WELL AS CURBS, PADS OR REDWOOD RAILS FOR COMPRESSORS, ON ROOF OR INSIDE STRUCTURE, TO BE PROVIDED BY OTHERS.

SEE MANUFACTURER'S SHOP DRAWINGS FOR DETAILED REQUIREMENTS FOR CLEARANCE ACTUAL SIZES, MECHANICAL, PLUMBING & ELECTRICAL REQUIREMENTS. FOR WATER COOLED UNITS, STRICT ADHERENCE TO MANUFACTURERS REQUIREMENTS FOR MIN./MAX. WATER TEMP AND PRESSURE MUST BE MAINTAINED.

ASHRAE CALCULATIONS AND ANY RESULTING REQUIREMENTS FOR COMPRESSOR AREA, PIPING CHASES AND FREON DETECTION SYSTEMS SHALL BE THE RESPONSIBILITY OF OTHERS.

ALL REFRIGERANT PIPING CHASES AND BUILDING PENETRATIONS SHALL BE THE RESPONSIBILITY OF THE BUILDING TRADES AND TO COMPLY WITH ALL LOCAL CODES. EXACT LINE RUNS OF REFRIGERATION PIPING SHALL BE DETERMINED IN COORDINATION WITH THE REFRIGERATION INSTALLER.

ALL ELECTRICAL DISCONNECTS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

ROOFTOP EXHAUST FANS & MAKE-UP AIR UNITS

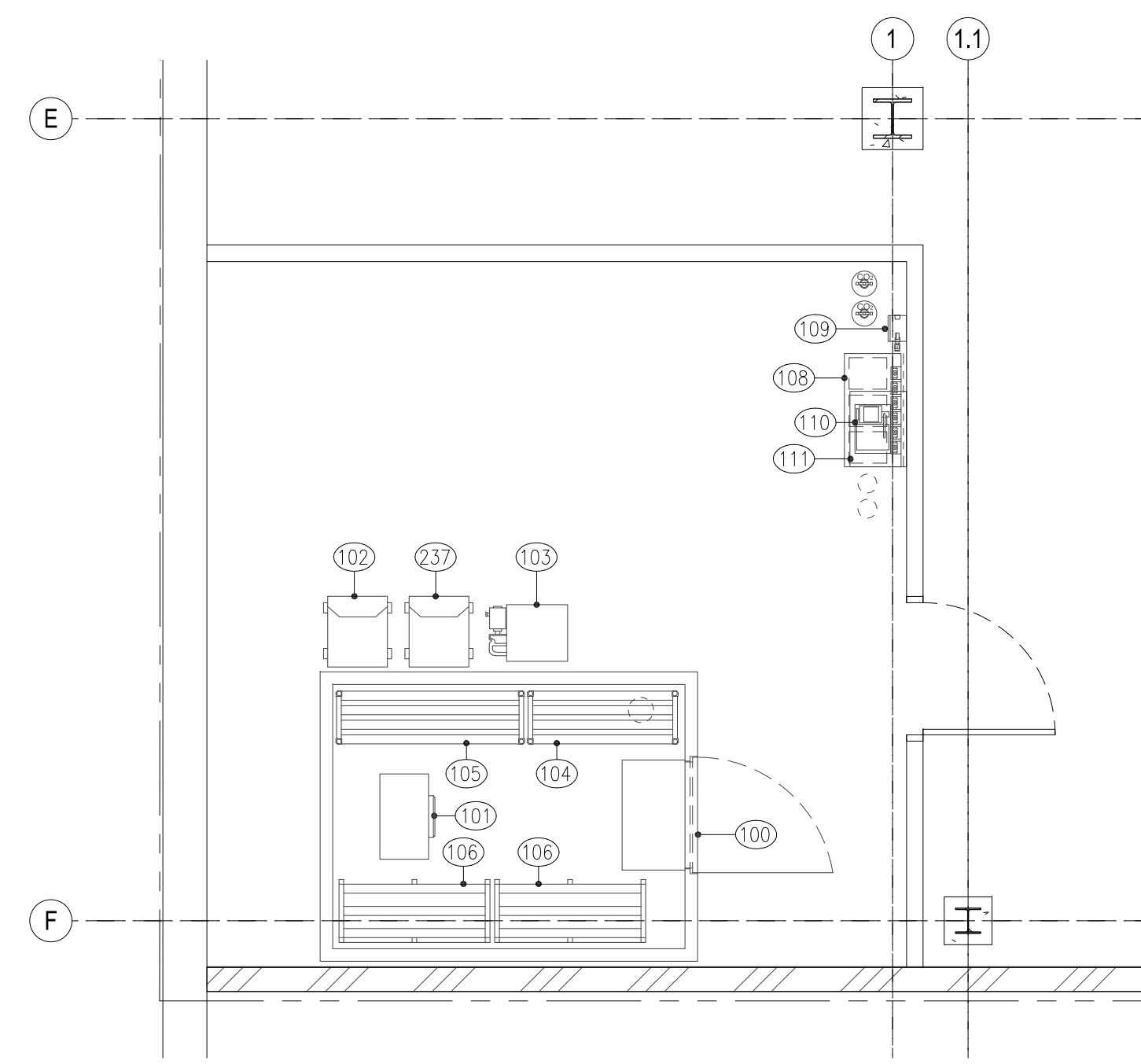
KEC SUPPLIES AND HANGS THE HOODS ONLY, EVERYTHING ABOVE THE HOOD (DUCTS & FANS) ARE BY OTHERS UNLESS OTHERWISE NOTED.

THESE ROOF TOP ITEMS ARE TO BE LOCATED BY THE ARCHITECT & ENGINEERS IN CONJUNCTION WITH THE EXHAUST HOOD MANUFACTURER'S SHOP DRAWINGS. REFER TO ARCHITECTURAL/ENGINEERING DRAWINGS FOR EXACT LOCATIONS AND DUCTWORK ROUTING.

REFER TO THE LATEST APPROVED MANUFACTURER'S SHOP DRAWINGS FOR INFORMATION REGARDING FANS &/OR MAKE UP AIR UNIT REQUIREMENTS.

ALL PENETRATIONS THRU ROOF OR BUILDING STRUCTURE, INCLUDING WALLS, FLOORS, JOISTS OR OTHER STRUCTURAL MEMBERS, IS TO BE BY ARCHITECT & ENGINEERS.

ALL ELECTRICAL DISCONNECTS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.



| EQUIPMENT SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------|---|------------------------------|------------------------|---|--------|------|------|-------|-------|--------|---------------------|---|----------------------|---------------------|---------------------|--------------------|------------------------|-----------------------|-----------------------|----------------------|---------------|-------|--------------|------------------|---------|
| Item No | Qty | Equipment Category | Manufacturer | Model Number | Equipment Remarks | Amps | KW | HP | Volts | Phase | NEMA | Electrical A/F (in) | Elec Remarks | Cold Water Size (in) | Cold Water A/F (in) | Hot Water Size (in) | Hot Water A/F (in) | Direct Drain Size (in) | Direct Drain A/F (in) | Indir Drain Size (in) | Indir Drain A/F (in) | Gas Size (in) | MBTUH | Gas A/F (in) | Plumbing Remarks | Item No |
| 274 | 2 | Freezer, Undercounter, ADA | True Manufacturing Co., Inc. | TUC-27F-ADA-HC~SPEC 3 | - | 2.3 | - | 0.25 | 115 | 1 | 5-15P | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | 274 |
| 275 | 1 | Spare Number | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 275 |
| 276 | 1 | Ice Maker w/o Bin | Hoshizaki America | F-1002-MAJ-C | - | 15.2 | - | - | 115 | 1 | JBOX | 66 | - | 0.5 | 60 | - | - | - | - | - | 0.75 | - | - | - | - | 276 |
| 276.1 | 1 | Filter System, Ice maker | Everpure | FXI-22 | - | - | - | - | - | - | - | - | - | 0.5 | 72 | - | - | - | - | - | - | - | - | - | - | 276.1 |
| 277 | 1 | Bin, Ice | Hoshizaki America | B-800PF | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.75 | - | - | - | - | 277 |
| 278 | 1 | Floor Trough | Advance Tabco | FFTG-1248 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | -4 | - | - | - | 278 |
| 300 | 1 | Spare Number | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 300 |
| 301 | 2 | Soda Gun, NIKEC, By Vendor | By Vendor | By Vendor | VERIFY SPECS ON EQUIPMENT SUPPLIED BY OTHERS | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 301 |
| 302 | 2 | Underbar Ice Chest | Krowne | KR19-24-10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.75 | - | - | - | - | 302 |
| 303 | 2 | Underbar Speed Rail | Krowne | RS-24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 303 |
| 304 | 2 | Underbar Liquor Display | Krowne | KR24-12RD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 304 |
| 305 | 1 | Spare Number | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 305 |
| 306 | 2 | Underbar Filters & Drainboards, Glass Storage | Krowne | KR24-CS18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | - | - | - | - | 306 |
| 307 | 2 | Trash Can, NIKEC, By Owner | Rubbermaid | Slim Jim | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 307 |
| 308 | 1 | Underbar Handsink | Krowne | KR24-1C | - | - | - | - | - | - | - | - | - | 0.5 | 8 | 0.5 | 8 | 1.5 | 6 | - | - | - | - | - | - | 308 |
| 309 | 1 | Washer, Undercounter, Low Temp | Champion Industries | UL-130 | - | 12.0 | 0.75 | 1.0 | 115 | 1 | JBOX | 8 | 4' PLUG-IN CORD SUPPLIED. MAX PROTECTIVE DEVICE 15 AMP | - | - | 0.5 | 6 | - | - | 0.625 | - | - | - | - | - | 309 |
| 310 | 2 | Mixology Sink w/Glass Rinser | Krowne | KR24-MS12 | SINK GLASS RINSER | - | - | - | - | - | - | - | - | 0.5 | 8 | 0.5 | 8 | - | - | 1.5 | - | - | - | - | - | 310 |
| 310.1 | 2 | Tag #310.1 Only Found on Sheet FS-3.0 | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 8 | - | - | - | - | - | - | - | - | - | - | 310.1 |
| 311 | 2 | Undercounter Refrigerator, ADA | Perlick | HB24RS w/Drawers | - | 1.6 | - | 0.2 | 115 | 1 | 5-15P | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | 311 |
| 312 | 1 | POS Terminal, NIKEC, By Owner | By Owner | By Owner | VERIFY SPECS ON EQUIPMENT SUPPLIED BY OTHERS | 20.0 | - | - | 120 | 1 | 5-15P | 36 | POWER (4-PLEX), 3 DATA PORTS | - | - | - | - | - | - | - | - | - | - | - | - | 312 |
| 313 | 1 | Underbar Beer Taps (6-Taps) | Micro Matic | UCM-6-SSKR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 313 |
| 314 | 1 | Underbar Beer Drainer | Krowne | KR24-BD24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | - | - | - | - | 314 |
| 315 | 1 | 6" Drink Rail, NIKEC, By GC / Millwork | By GC / Millwork | Custom | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | - | - | - | - | 315 |
| 316 | 1 | Spare Number | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 316 |
| 317 | 1 | Back Bar Cooler | Perlick | BBS84**R | - | 4.2 | - | 0.25 | 120 | 1 | 5-15P | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | 317 |
| 318 | 1 | Back Bar Cooler | Perlick | BBS84**L | - | 4.2 | - | 0.25 | 120 | 1 | 5-15P | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | 318 |
| 319 | 1 | Wine Dispensing System | Enomatic | Unica 8r | VERIFY SPECS ON EQUIPMENT PRIOR TO ROUGH-IN'S | 1.5 | - | - | 115 | 1 | JBOX | 48 | VERIFY EQUIP. SPECS PRIOR TO ROUGH-IN'S (POWER & LAN REQ'D) | - | - | - | - | - | - | - | - | - | - | - | - | 319 |
| 320 | 1 | Spare Number | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 320 |
| 321 | 1 | Automatic Espresso Machine | Astra | M2C014 Mega II Compact | - | 20.0 | 2.7 | - | 220 | 1 | JBOX | 48 | 5' POWER CORD, PLUG BY EC. | 0.5 | 46 | - | - | - | - | - | 0.5 | - | - | - | - | 321 |
| 321.1 | 1 | Filter System, Espresso, NIKEC, By Owner | By Owner | By Owner | - | - | - | - | - | - | - | - | - | 0.5 | 26 | - | - | - | - | - | - | - | - | - | - | 321.1 |
| ECO | 1 | ECOLAB Utilites @ 3 Compartment Sink | Generic | Generic | - | VERIFY | - | - | 120 | 1 | VERIFY | 16 | VERIFY REQUIREMENTS W/ VENDOR PRIOR TO ROUGH-IN | 0.5 | 16 | - | - | - | - | - | - | - | - | - | - | ECO |
| GCO | WRES | General Convenience Outlet | Generic | Generic | - | 15.0 | - | - | 120 | 1 | 5-15R | - | SEE PLANS FOR LOCATION & HEIGHTS | - | - | - | - | - | - | - | - | - | - | - | - | GCO |



| | |
|-----------------------|------------|
| OWNER'S REVISIONS | 02.18.2022 |
| EQUIPMENT REVISIONS | 03.03.2022 |
| UPDATED HOOD DRAWINGS | 04.05.2022 |
| ICE MAKER REVISION | 04.14.2022 |
| ISSUED FOR PERMIT | 09.27.2024 |
| NO REVISION | DATE |

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

FOODSERVICE EQUIPMENT SCHEDULE

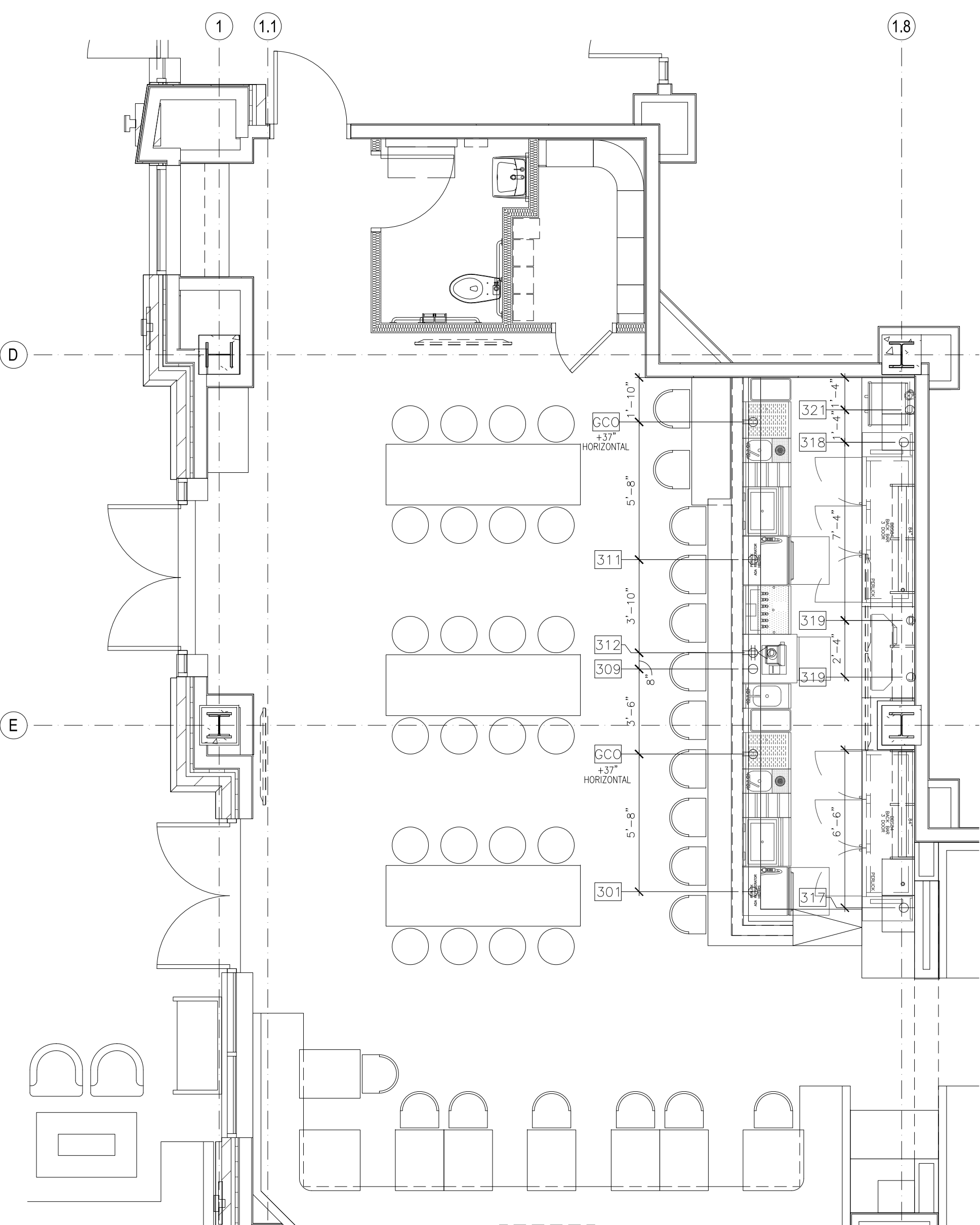
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| APPROVED: |
| DATE: |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: NA |
| DATE: 02.07.2020 |
| JOB NO: |

SHEET
FS-1.2

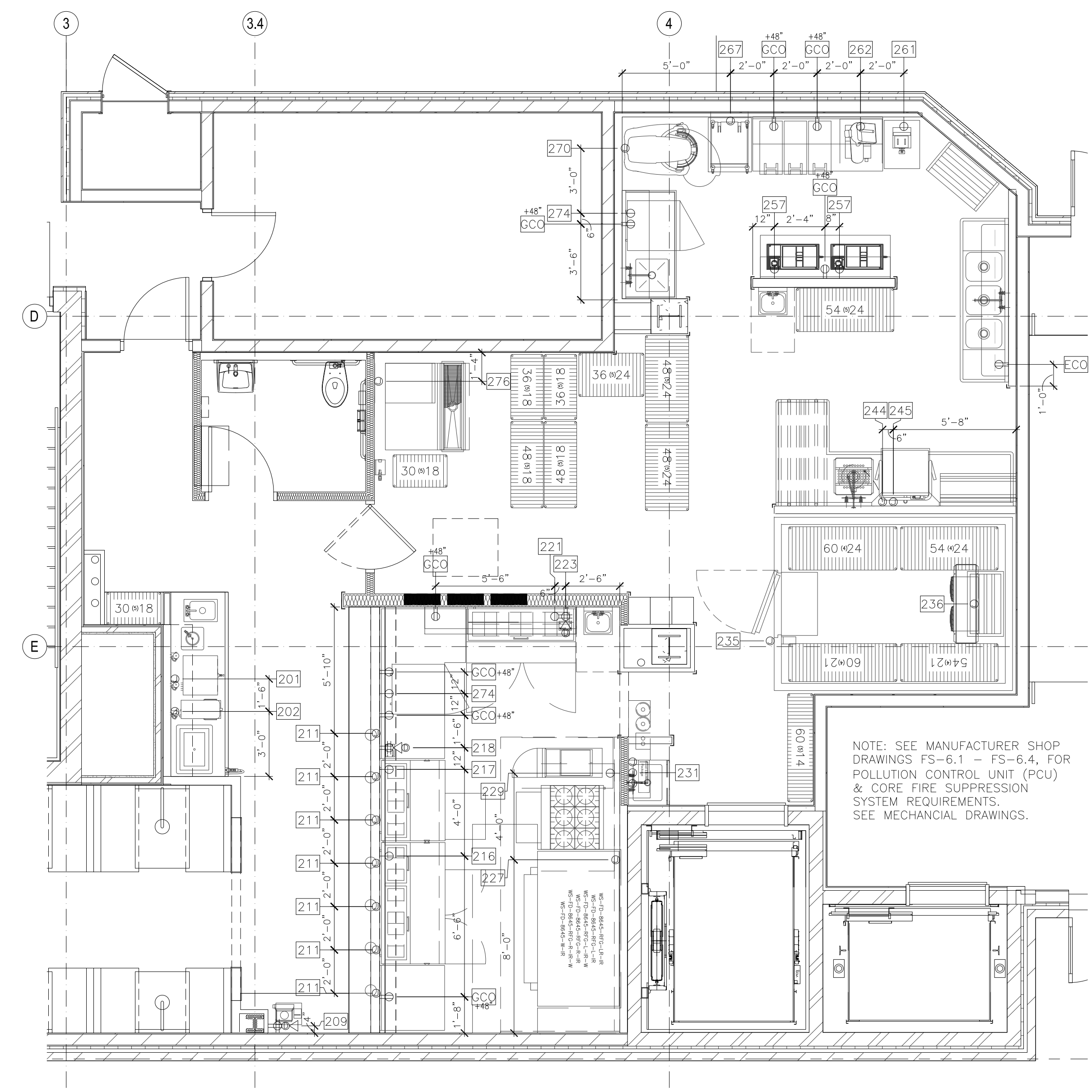
| NO. | REVISION | DATE |
|-----------------------|------------|------|
| OWNER'S REVISIONS | 02.18.2022 | |
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| ICE MAKER REVISION | 04.14.2022 | |
| ISSUED FOR PERMIT | 09.27.2024 | |
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ELECTRICAL NOTES

- NOTE: REFER TO FSEC LAYOUT/SCHEDULE TO CONFIRM EQUIPMENT SUPPLIED. THESE NOTES APPLY GENERICALLY TO ALL PROJECTS INCLUDING INFORMATION ON ITEMS SUCH AS EXHAUST HOODS OR WALK-IN COOLERS THAT MAY NOT BE PRESENT ON THIS PROJECT.**
- ALL ELECTRICAL CONNECTIONS SHOWN ON THE ELECTRICAL SHEET PERTAIN TO FOOD SERVICE EQUIPMENT BEING SUPPLIED BY THE FSEC. ALL WORK, FINAL CONNECTIONS AND INTERCONNECTIONS TO THE EQUIPMENT INCLUDING BUT NOT LIMITED TO: PANELS, SWITCHES, MAGNETIC STARTERS, THERMAL OVERLOAD PROTECTION, CORD AND PLUGS, CONDUIT, SEAL TIGHT FLEX CONNECTION, OR WIRE SHALL BE SUPPLIED BY THE EC UNLESS OTHERWISE NOTED.
 - ALL CONDUIT IS TO BE IN THE WALLS, CEILING, OR FLOOR. EXPOSED CONDUIT IS NOT ALLOWED.
 - EC TO PROVIDE ELECTRICAL ACCESSORIES REQUIRED FROM POINT OF STUB OUT TO POINT OF FINAL CONNECTION, INCLUDING SPECIAL PURPOSE OUTLETS: ALL "J" BOX, DCO'S AND ELECTRICAL CONNECTIONS MUST BE PROTECTED FROM AMBIENT HEAT, STEAM, AND KITCHEN ABUSE WHICH MAY AFFECT THE SAFETY OF THE FOOD SERVICE STAFF.
 - OWNER/VENDOR SUPPLIED EQUIPMENT MUST BE CONFIRMED WITH OWNER PRIOR TO STARTING WORK.
 - LOCATIONS AND SPECIFICATIONS ARE SUBJECT TO CHANGE UNTIL FINAL SELECTION OF MANUFACTURERS AND MODELS ARE MADE. EC TO VERIFY WITH OWNER.
 - MANUFACTURERS SPECIFICATION SHEETS MUST BE REVIEWED AND CONFIRMED AS TO ACCURACY TO THE PLAN. TO CONFIRM W/ OWNER.
 - LIGHTING PLAN, EMERGENCY LIGHTING AND EXIT PLAN, AND TITLE 24 ENERGY REQUIREMENTS TO BE SUPPLIED BY ARCHITECT AND INSTALLED BY EC.
 - STAINLESS STEEL OUTLET COVER PLATES ARE TO BE UTILIZED IN THE FOOD SERVICE AREAS. IN OTHER AREAS, REFER TO ARCHITECT/DESIGNER PLANS.
 - EXHAUST SYSTEM AND MAKE UP AIR SYSTEM SHALL BE INTERLOCKED. VERIFY WITH LOCAL CODE.
 - HOOD LIGHTING TO BE INTER WIRED BY EC. LAMPS BY EC.
 - FIRE SYSTEM WILL NEED MICRO SWITCHES AT TANK LOCATION OR SHUNT SWITCHES AT BREAKER FOR ANY DCO/J BOX UNDER ANY HOOD, BY EC. VERIFY WITH FIRE SYSTEM INSTALLER AND LOCAL CODE.
 - REFRIGERATION CONDENSER AND COMPRESSOR SHALL BE WIRED PER MANUFACTURER'S INSTRUCTIONS, INCLUDING ARE: INTER WIRE LIGHTS AND SWITCHES (LAMPS BY EC), DOOR HEATERS, TIME CLOCKS, DRAIN LINE HEATERS, SOLENOID VALVES, DEFROST RELAYS, AND ANY ADDITIONAL MATERIALS TO COMPLETE AN OPERABLE SYSTEM. DISCONNECT SWITCHES FOR EACH COMPRESSOR ARE REQUIRED.
 - ICE MACHINE TO BE WIRED TO REMOTE LOCATION, IF APPLICABLE. SEE PLAN.
 - HOT WATER SYSTEM MAY HAVE ELECTRICAL REQUIREMENTS, CONFIRM WITH PLUMBING CONTRACTOR.
 - DIMENSIONS SHOWN AS +16 DENOTES 16" OFF FINISHED FLOOR. DIMENSIONS ON PLAN ARE FROM FINISHED WALL TO POINT OF CONNECTION, OR FROM POINT OF CONNECTION TO POINT OF CONNECTION. STUB AT FLOOR DENOTES UTILITY TO TERMINATE AT 4" HEIGHT UNLESS OTHERWISE NOTED.
 - NEW SERVICE LOAD SHALL BE ANALYZED BY ELECTRICIAN/ENGINEER AND REVIEWED WITH LOCAL UTILITY COMPANY FOR ANY FUTURE OR IMMEDIATE NEEDS. EC SHALL ORDER AND EXPEDITE ANY UPGRADED EQUIPMENT NEEDED AND KEEP FSEC INFORMED ON INSTALLATION TIMING.
 - SYSTEM DRAWINGS OR DIAGRAMS, IF REQUIRED, WILL BE PROVIDED BY EC. IF NONE EXIST AT TIME OF BID CONFIRM IN WRITING.
 - CHECK ARCHITECT'S PLAN FOR AUXILIARY EQUIPMENT AND SYSTEMS, P.O.S., SOUND SYSTEMS, TELEVISION, LIVE MUSIC SYSTEM (AND LIGHTING), RESTATS FOR MOOD LIGHTING, VACUUM OUTLETS IN DINING ROOM, ETC. KITCHEN DESIGNER HAS MADE EVERY EFFORT TO SHOW THE SYSTEMS APPLICABLE TO FOOD SERVICE. THE OWNER MAY OPT TO ADD UTILITY OUTLETS AS NEEDED.



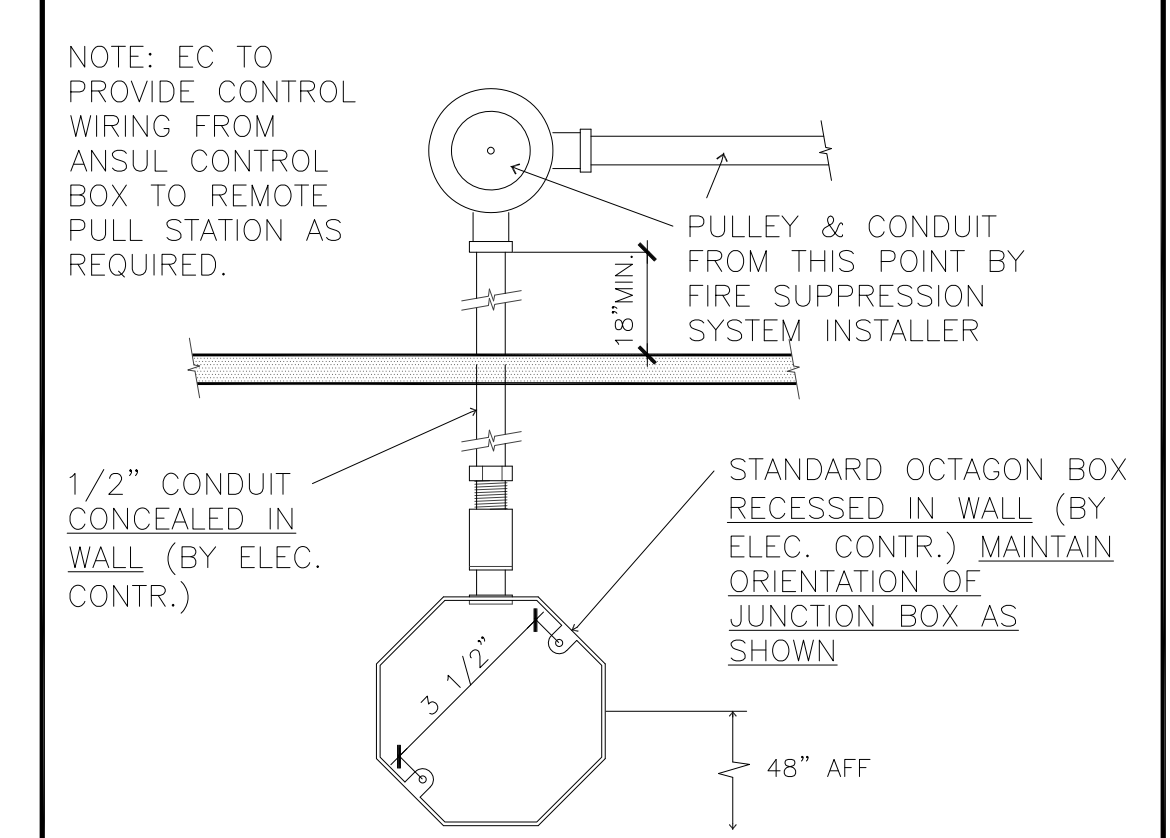
LEVEL 1: WINE BAR
SCALE: 1/4" = 1'-0"



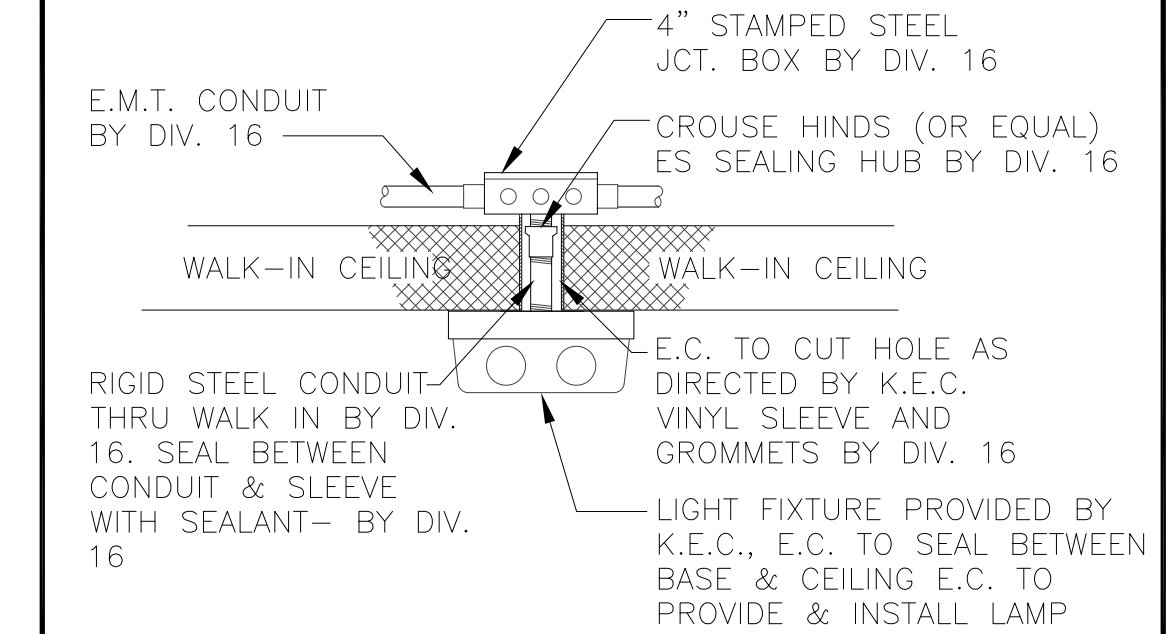
LEVEL 1: KITCHEN
SCALE: 1/4" = 1'-0"

NOTE: PULL STATION LOCATIONS ARE BY OTHERS, LOCAL FIRE MARSHAL SHALL APPROVE LOCATIONS PER NFPA REQUIREMENTS. NFPA DICTATES THAT PULL STATIONS SHALL BE BETWEEN 42"-48" ABOVE THE FLOOR, AND CLEARLY IDENTIFIED WITHIN THE PATH OF EGRESS. AT LEAST ONE PULL STATION SHALL BE LOCATED WITHIN 10FT MINIMUM TO 20FT MAXIMUM FROM THE HOOD.

ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL STANDARD OCTAGON JUNCTION BOX AND 1/2" CONDUIT PER LOCAL CODES. RECESS IN WALL AND MAINTAIN ORIENTATION OF JUNCTION BOX AS SHOWN BELOW.



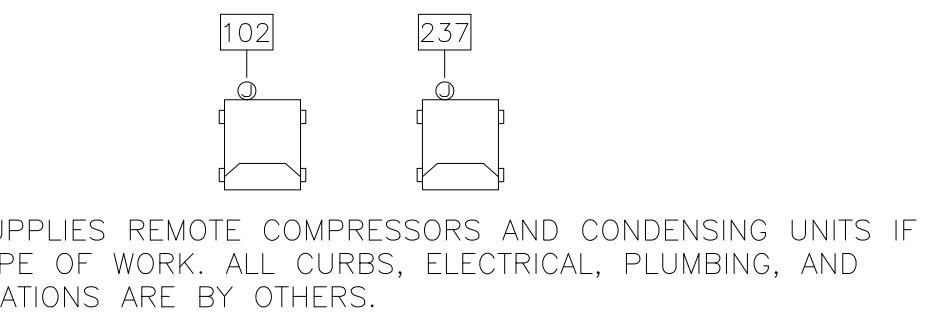
REMOTE FIRE PULL DETAIL
NOT TO SCALE



- ALL CONDUIT TO BE RUN ON EXTERIOR OF WALK-IN BY DIV. 16 UNLESS BOX IS LOCATED OUTDOORS. THEN CONDUIT IS TO RUN BELOW CEILING.
- ALL PENETRATIONS THRU WALK-IN TO BE THOROUGHLY SEALED
- ALL LIGHT FIXTURES TO BE FURNISHED BY K.E.C.
- MOUNTING FIXTURES, ALL CONDUIT AND ALL INTER-WIRING BY DIV.16.
- ALL LAMPS (BULBS) TO BE FURNISHED BY OTHERS.

WALK-IN LIGHT DETAIL
NOT TO SCALE

REMOTE COMPRESSORS & CONDENSING UNITS



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SUFFICIENT AIR CHANGES MUST BE PROVIDED IN THIS AREA TO ALLOW ADEQUATE AIR CIRCULATION FOR WATER COOLED OR AIR COOLED COMPRESSORS.

STRUCTURAL SUPPORT AS WELL AS CURBS, PADS OR REDWOOD RAILS FOR COMPRESSORS, ON ROOF OR INSIDE STRUCTURE, TO BE PROVIDED BY OTHERS.

SEE MANUFACTURER'S SHOP DRAWINGS FOR DETAILED REQUIREMENTS FOR CLEARANCE ACTUAL SIZES, MECHANICAL, PLUMBING & ELECTRICAL REQUIREMENTS. FOR WATER COOLED UNITS, STRICT ADHERENCE TO MANUFACTURERS REQUIREMENTS FOR MIN./MAX. WATER TEMP AND PRESSURE MUST BE MAINTAINED.

ASHRAE CALCULATIONS AND ANY RESULTING REQUIREMENTS FOR COMPRESSOR AREA, PIPING CHASES AND FREON DETECTION SYSTEMS SHALL BE THE RESPONSIBILITY OF OTHERS.

ALL REFRIGERANT PIPING CHASES AND BUILDING PENETRATIONS SHALL BE THE RESPONSIBILITY OF THE BUILDING TRADES AND TO COMPLY WITH ALL LOCAL CODES. EXACT LINE RUNS OF REFRIGERATION PIPING SHALL BE DETERMINED IN COORDINATION WITH THE REFRIGERATION INSTALLER.

ALL ELECTRICAL DISCONNECTS TO BE PROVIDED BY ELECTRICAL CONTRACTOR.

ROOFTOP EXHAUST FANS & MAKE-UP AIR UNITS

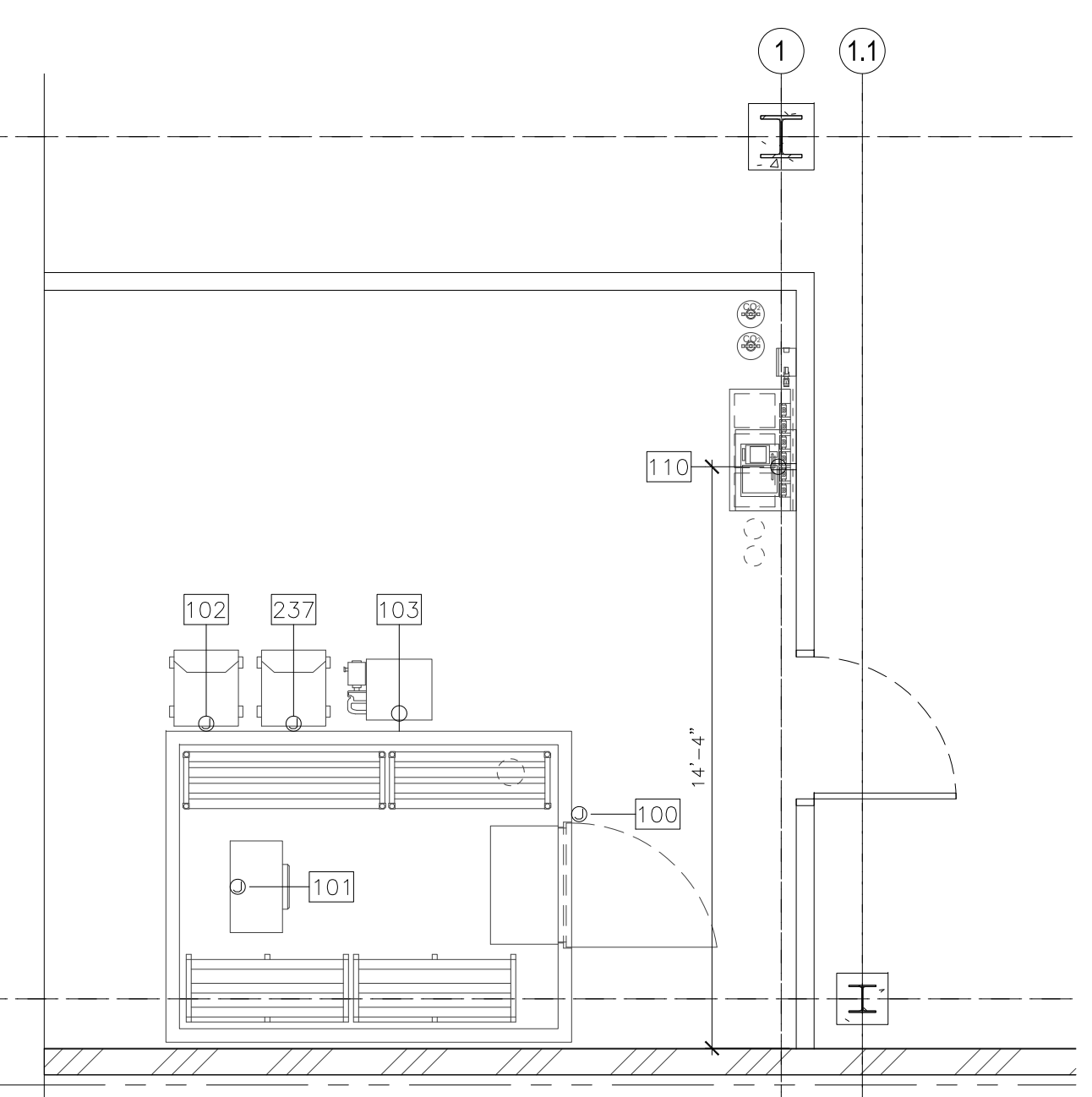
KEC SUPPLIES AND HANGS THE HOODS ONLY, EVERYTHING ABOVE THE HOOD (DUCTS & FANS) ARE BY OTHERS UNLESS OTHERWISE NOTED.

THESE ROOF TOP ITEMS ARE TO BE LOCATED BY THE ARCHITECT & ENGINEERS IN CONJUNCTION WITH THE EXHAUST HOOD MANUFACTURER'S SHOP DRAWINGS. REFER TO ARCHITECTURAL/ENGINEERING DRAWINGS FOR EXACT LOCATIONS AND DUCTWORK ROUTING.

REFER TO THE LATEST APPROVED MANUFACTURER'S SHOP DRAWINGS FOR INFORMATION REGARDING FANS &/OR MAKE UP AIR UNIT REQUIREMENTS.

ALL PENETRATIONS THRU ROOF OR BUILDING STRUCTURE, INCLUDING WALLS, FLOORS, JOISTS OR OTHER STRUCTURAL MEMBERS, IS TO BE BY ARCHITECT & ENGINEERS.

ELECTRICAL CONTRACTOR SHALL PROVIDE WIRE, CONDUIT AND DISCONNECTS TO EXHAUST & SUPPLY FANS LOCATED ON ROOF (LOCATION TO BE DETERMINED BY OTHERS) W/ INTERCONNECTIONS TO SWITCHES BELOW. SEE MANUFACTURERS SHOP DRAWING FOR COMPLETE ELECTRICAL DETAILS.



LOWER LEVEL GARAGE: STORAGE
SCALE: 1/4" = 1'-0"

PROJECT ELECTRICAL CONDITIONS

- 120V, 1 PHASE, SERVICE, 15.0 AMPS, STUB AS NOTED, FOR POS/PRE-CHECK SYSTEM STATIONS. (DEDICATED CIRCUIT, ISOLATED GROUND, ADD PHONE LINE, PROVIDE EMPTY J-BOX WITH CONDUIT FOR INTERCONNECTING POS SYSTEM, PRE-CHECK AND PRINTERS) (VERIFY ALL REQUIREMENTS WITH POS SYSTEM SUPPLIER).
- NOT USED
- VERIFY LOCATION OF P.O.S. TERMINALS & PRINTERS WITH OWNER AND VENDOR. (POWER & DATA REQ'D) VERIFY EQUIPMENT SPECS PRIOR TO ROUGH-INS.

NOTE

ALL WALL MOUNT ELECTRICAL RECEPTACLE AND J-BOXES ARE TO BE FLUSH MOUNTED IN WALLS WITH NO EXPOSED CONDUIT SHOWING ON SURFACE OF WALLS. ARCHITECT TO PROVIDE MINIMUM WALL FURRING IF REQUIRED.

ELECTRICAL NOTES

- TRADES TO CONFIRM UTILITY REQUIREMENTS FOR ALL OWNER/VENDOR/EXISTING EQUIPMENT PRIOR TO ROUGH-IN.
- CODE REQUIRES THAT WHEN THE FIRE SUPPRESSION SYSTEM IS ACTIVATED, ALL EQUIPMENT BELOW HOOD SHUT-OFF, INCLUDING ALL GAS AND ELECTRIC APPLIANCES AND THE MAKE-UP AIR SYSTEM. THE EXHAUST FAN MUST CONTINUE RUNNING. GAS VALVE 2" OR SMALLER PROVIDED WITH THE FIRE SUPPRESSION SYSTEM. E.C. TO WIRE OUTLETS TO MICRO SWITCHES AT SUPPRESSION SYSTEM TANK CONTROLS OR PROVIDE SHUNT SWITCHES.
- G.C. TO ENSURE ALL PENETRATIONS OF WALK-IN BOXES ARE SEALED. ROOF PENETRATIONS TO BE APPROVED BY BUILDING OWNER FOR WARRANTY ISSUES.
- E.C. TO WIRE FREEZER DRAIN LINE, DOOR HEATER & RUN CONTROL WIRES FOR ELECTRIC DEFROST TIMER, P.C. TO WRAP FREEZER DRAIN WITH HEAT STRIP.
- DIMENSIONS FOR ABOVE GROUND ROUGH-INS FOR ELECTRICAL & PLUMBING ARE TAKEN FROM CENTER OF KNOWN FEATURES, SUCH AS EXISTING COLUMNS OR FROM INSIDE OF FINISHED WALLS, U.N.O. UNDERGROUND DIMENSIONS MAY BE TAKEN FROM CENTERLINE OF EXTERIOR WALLS IF CONSTRUCTION ON WALLS IS NOT EXPECTED TO BE COMPLETED AT THE TIME OF FLOOR SINK ROUGH-IN. TRADES ARE RESPONSIBLE FOR NOTIFYING FSEC OF DISCREPANCIES IN DIMENSIONS AS SOON AS THEY ARE DISCOVERED.
- DUPLEX CONVENIENCE OUTLETS (GCO) ARE SHOWN AS A GUIDELINE FOR PLACEMENT OF ADDITIONAL INCIDENTAL OUTLETS FOR OWNER'S CURRENT OR FUTURE USE. E.C. TO VERIFY LOCATIONS AND VOLTAGES WITH OWNER BEFORE INSTALLING GCO OUTLETS. GCO OUTLETS ARE SHOWN FOR FSEC SPECIFIED AREAS ONLY. E.C. IS RESPONSIBLE TO ENSURE THAT ALL OUTLET TYPES/LOCATIONS/QUANTITY/SPACING COMPLY WITH CURRENT CODE REQUIREMENTS. ALL DCO'S ARE ASSUMED TO BE 120 VOLT/15 AMP CIRCUITS UNLESS NOTED OTHERWISE.

ELECTRICAL SYMBOLS

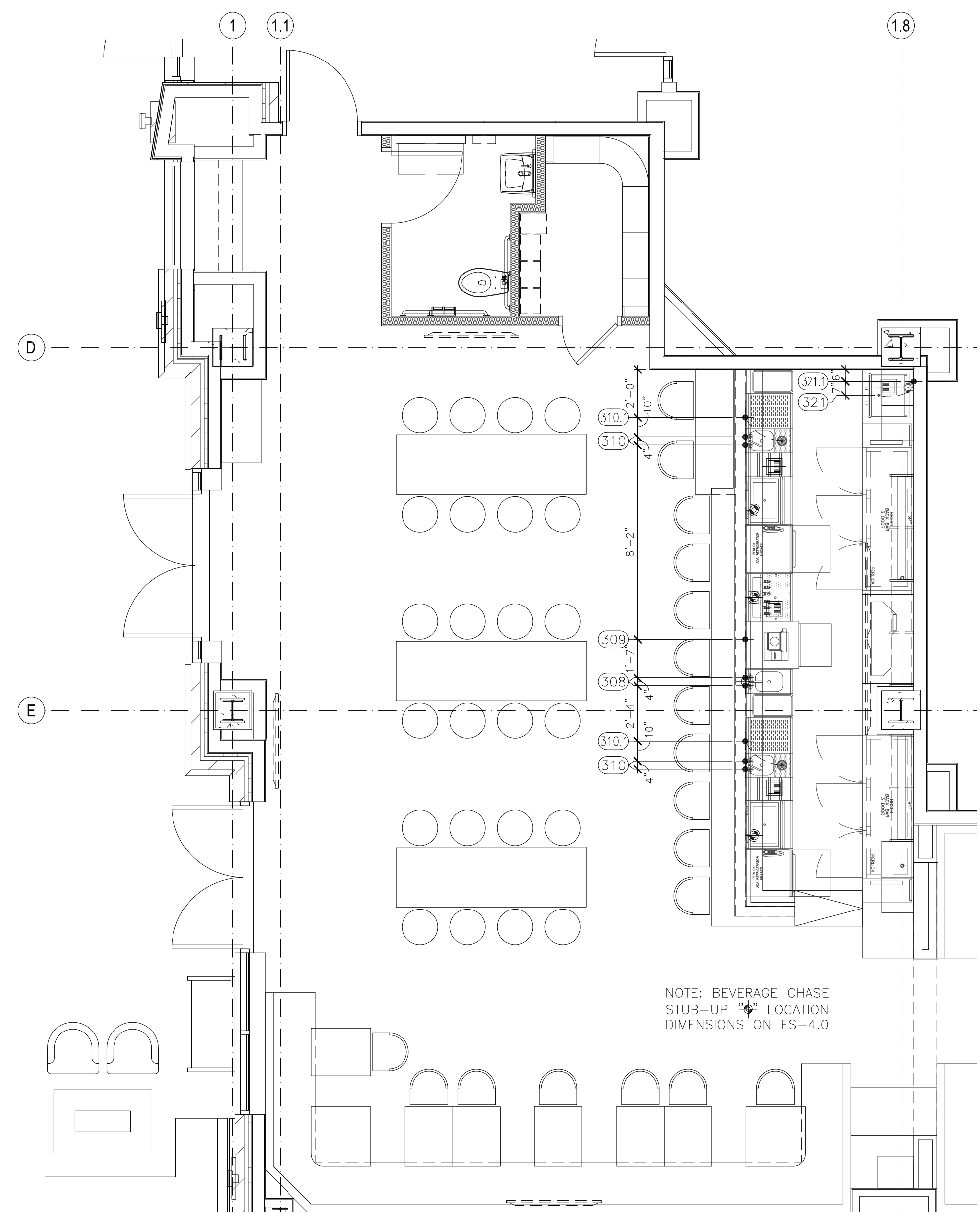
| | | |
|--|------|-----------------------------------|
| | DR | DUPLEX GROUNDED RECEPTACLE |
| | 4P | 4-PLEX GROUNDED RECEPTACLE |
| | SR | SINGLE GROUNDED RECEPTACLE - 120V |
| | SR | SINGLE GROUNDED RECEPTACLE - 208V |
| | SPO | SPECIAL PURPOSE OUTLET |
| | ECS | ELECTRICAL CONDUIT STUB |
| | JB | JUNCTION BOX |
| | SW | SWITCH |
| | TEL | TELEPHONE |
| | DISC | DISCONNECT |
| | | DROP-CORD DATA |
| | | HOOD SWITCH |
| | KW | KILOWATTS |
| | HP | HORSEPOWER |
| | AFF | ABOVE FINISHED FLOOR |
| | WFA | WIRED FROM ABOVE |
| | GCO | GENERAL CONVENIENCE OUTLET |

NOTE: ALL CONNECTIONS SHOWN ON WALL LINE(S) ARE TO BE CONCEALED IN WALL CAVITY AND ROUGHED-OUT AT ELEVATION CALLED FOR IN ITEM NOTE(S), UNLESS NOTED OTHERWISE.

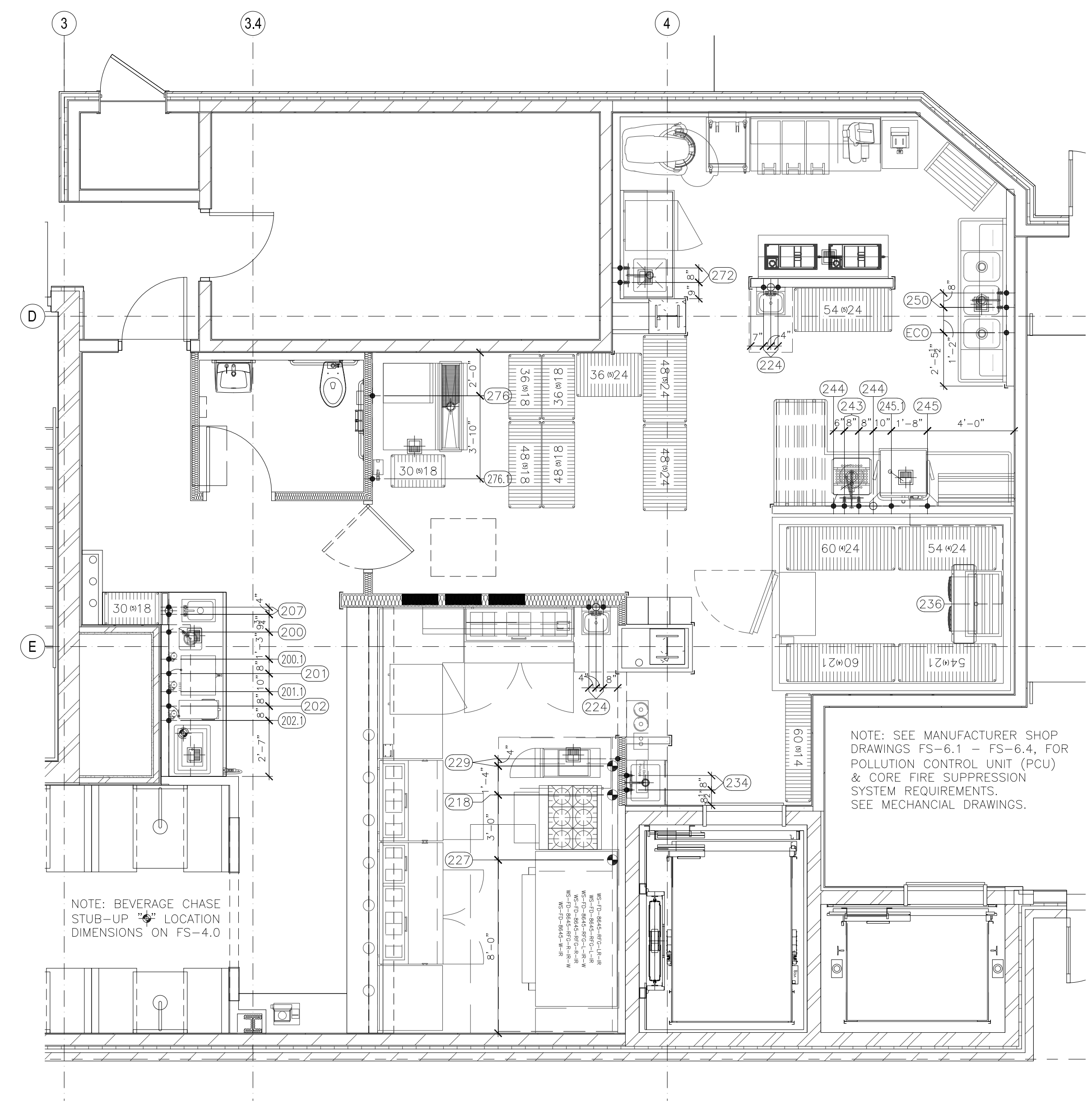
| NO. | REVISION | DATE |
|-----|-----------------------|------------|
| 1 | OWNER/PC REVISIONS | 02.18.2022 |
| 2 | EQUIPMENT REVISIONS | 03.03.2022 |
| 3 | UPDATED HOOD DRAWINGS | 04.05.2022 |
| 4 | ICE MAKER REVISION | 04.14.2022 |
| 5 | ISSUED FOR PERMIT | 09.27.2024 |

PLUMBING NOTES

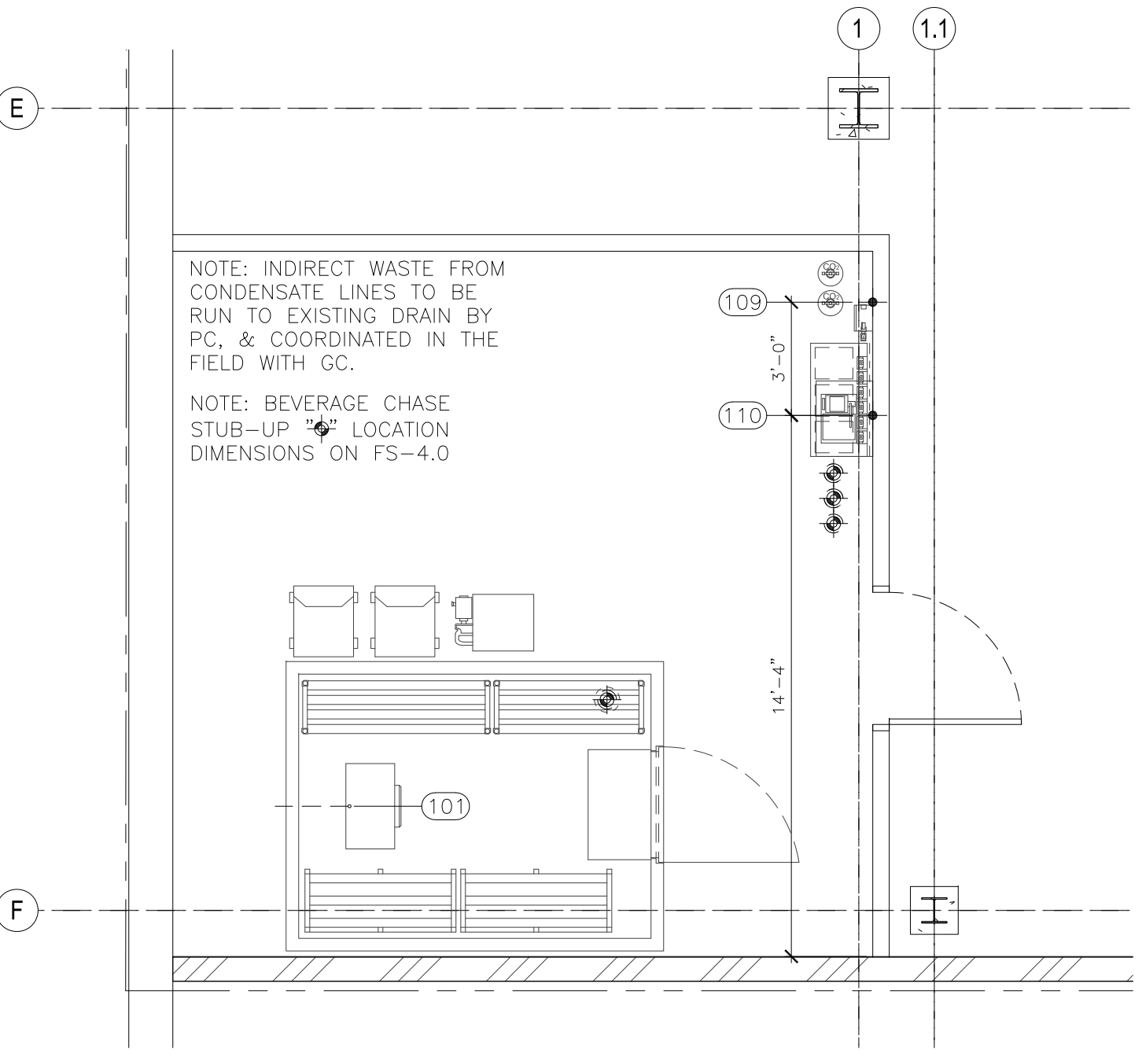
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- ALL ROUGH-IN CONNECTIONS SHOWN ON THE PLUMBING SHEET PERTAIN ONLY TO THE EQUIPMENT BEING SUPPLIED BY THE FSEC. MISG FAUCETS, SHUT OFF VALVES, MIXING VALVES, PRESSURE REGULATORS, GREASE TRAPS, WATER HEATER, PRESSURE REDUCING VALVES, TAIL PIECES AND INDIRECT/DIRECT WASTE AND VENT LINES ARE INCLUDED IN THE SCOPE OF WORK UNLESS OTHERWISE NOTED ON PLAN OR PURCHASING CONTRACT.
 - OWNER/VENDOR SUPPLIED EQUIPMENT MUST BE CONFIRMED WITH OWNER PRIOR TO STARTING WORK.
 - PLUMBING CONTRACTOR (PC) SHALL BE RESPONSIBLE FOR ALL ROUGH-IN, INTERCONNECTIONS AND FINAL CONNECTIONS TO THE FOOD SERVICE EQUIPMENT AND OTHER SYSTEMS AS NOTED ON THE ARCH/ENG. PLANS.
 - SHUT OFF VALVES SHALL BE ACCESSIBLE.
 - BACK-FLOW PREVENTION DEVICE SHALL BE SUPPLIED AT ALL FAUCETS WHERE A THREADED SPOUT IS PROVIDED.
 - MANUFACTURER'S SHEETS SHALL BE REVIEWED AND VERIFIED TO THE PLAN. ANY DISCREPANCIES SHALL BE BROUGHT TO DESIGNERS ATTENTION PRIOR TO BEGINNING WORK.
 - SODA SYSTEM CONDUIT CHASE, IF NEEDED, SHALL INCORPORATE LONG DIAMETER SWEEPS AT 90° JOINTS AND CONSIST OF MATERIALS MEETING CODE COMPLIANCE FOR METHOD AND LOCATION OF INSTALLATION.
 - HOT WATER PIPING SHALL BE INSULATED.
 - DRAIN LINES FROM ICE BINS, ICE SINKS, REMOTE REFRIGERATORS, FREEZERS, AND WALK-IN REFRIG/FREEZERS SHALL BE INSULATED AND RUN TO NEAREST FLOOR SINK. DRAIN LINES AT RISK OF FREEZING ARE TO BE WRAPPED WITH HEAT TAPE BY E.C.
 - SOFTENED WATER SHALL BE SUPPLIED TO DISH MACHINES, GLASS WASHERS, STEAMERS AND ICE MACHINES. SOFTEN TO A MIN. OF 17-51 PPM (0-3 GRAMS PER GALLON) VERIFY WITH ARCHITECT/OWNER.
 - GREASE TRAP/INTERCEPTOR WILL BE SIZED BY MECH. ENGINEER, LOCATED BY ARCHITECT, AND SUPPLIED BY PC.
 - WATER HEATER WILL BE SIZED BY MECH. ENGINEER, LOCATED BY ARCHITECT AND PROVIDED BY PC. THE CAPACITY, STU, RATING AND RISE OF WATER TEMPERATURE WILL BE PROVIDED TO THE HEALTH PLAN CHECKER.
 - FLOOR SINK INSTALLATION MUST BE VERIFIED WITH LOCAL PLAN CHECK FOR HEIGHT (FLUSH WITH FINISH FLOOR OR 1" ABOVE FF). LOCATED AS TO BE EASILY ACCESSIBLE FOR CLEANING.
 - EXHAUST SYSTEM MAKEUP AIR UNIT WILL BE PROVIDED WITH WATER AND DRAIN LINE (IF ON ROOF DRAIN LINE GOES TO RAIN GUTTER), UNLESS NOTED OTHERWISE.
 - PENETRATIONS AND PIPES SHALL BE FITTED WITH ESCUTCHEON COVERS, RINGS, ETC. ALL GAPS, HOLES AND SEAMS WILL BE SEALED AND CAULKED PROPERLY PER HEALTH CODE REQUIREMENTS.
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 - GAS SHUT OFF VALVE WILL BE PROVIDED BY FIRE SUPPRESSION SYSTEM INSTALLER, LOCATION TO BE VERIFIED FOR EASE OF RESETING, INSTALLED BY PC.
 - GAS LINES MUST BE BLEED OR AIR AND PILOT LIGHTS LIGHTED PRIOR TO FIRE SUPPRESSION TEST AND AFTER.
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 - WHEN A LOW TEMPERATURE DISH MACHINE WITHOUT A BOOSTER HEATER IS SPECIFIED, A DEDICATED HOT WATER LINE CARRYING 167° WATER TO THE DISH MACHINE IS REQUIRED. ADDITIONALLY, ALL HAND SINKS MUST HAVE A MIXING VALVE. MIXING VALVE TO BE SUPPLIED BY THE P.C.
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 - HAND SINKS TO HAVE TEMPERED WATER AT 110°.
 - DISHWASHING MACHINES THAT USE WATER SUPPLY PRESSURE FOR THE FINAL RINSE SHALL BE SUPPLIED BY A HOT WATER LINE WITH ADEQUATE FLOW PRESSURE (15 TO 25 PSI) AND A PERMANENT PRESSURE GAUGE INSTALLED IMMEDIATELY ADJACENT TO THE SUPPLY SIDE OF THE FINAL RINSE SOLENOID VALVE. IN MOST CASES A PRESSURE REGULATOR IS NEEDED. REGULATORS & WATER HAMMER ARRESTORS SUPPLIED BY P.C., UNLESS NOTED OTHERWISE.
 - SODA COMPRESSORS AND CARBONATORS ARE TO BE SUPPORTED OFF THE FLOOR ON 6" CLEANABLE LEGS.
 - ALL SELF-SERVICE BEVERAGE DISPENSERS MUST HAVE PUSH BUTTON OR EXTENDED LEVER DISPENSING SYSTEM.
 - IF A FLOOR SINK IS ELEVATED (NOT FLUSH W/FLOOR) IT MUST HAVE AN APPROVED INTEGRAL CONTINUOUS COVER BASE WITH AT LEAST 3" RADIUS COVERING AT THE FLOOR/FLOOR SINK JUNCTURE AND THE FLOOR SURFACE SHALL EXTEND UP THE SIDES OF THE FLOOR SINK UP TO 4" (DEPENDENT ON HOW HIGH THE FLOOR SINK IS ELEVATED).
 - CONDENSATE DRAIN LINES FROM COOLER/FREEZER BOXES TO HAVE P-TRAP IN DRAIN LINE BEFORE AIR GAP.
 - WHEN POT SINKS, PRE-RINSE SINKS OR DISH WASHERS ARE REQUIRED TO HAVE A DIRECT WASTE CONNECTION BY LOCAL BUILDING DEPARTMENT, P.C. TO ENSURE THAT A FLOOR SINK, THROUGH OR DRAIN IS LOCATED DOWN STREAM.



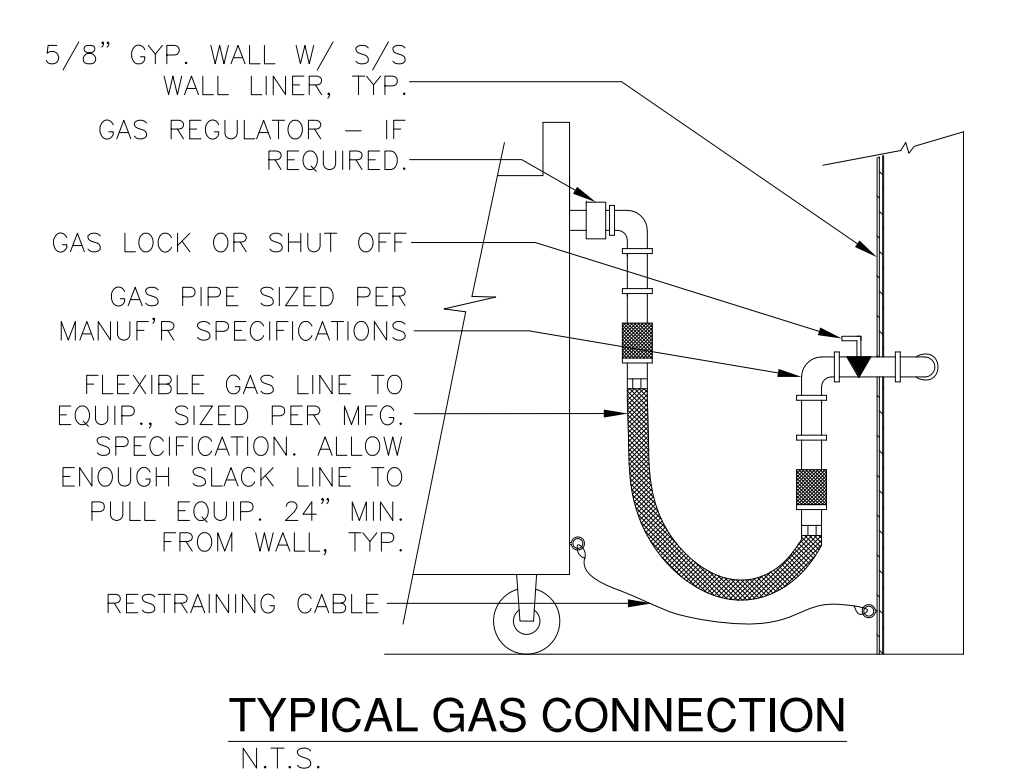
LEVEL 1: WINE BAR
SCALE: 1/4" = 1'-0"



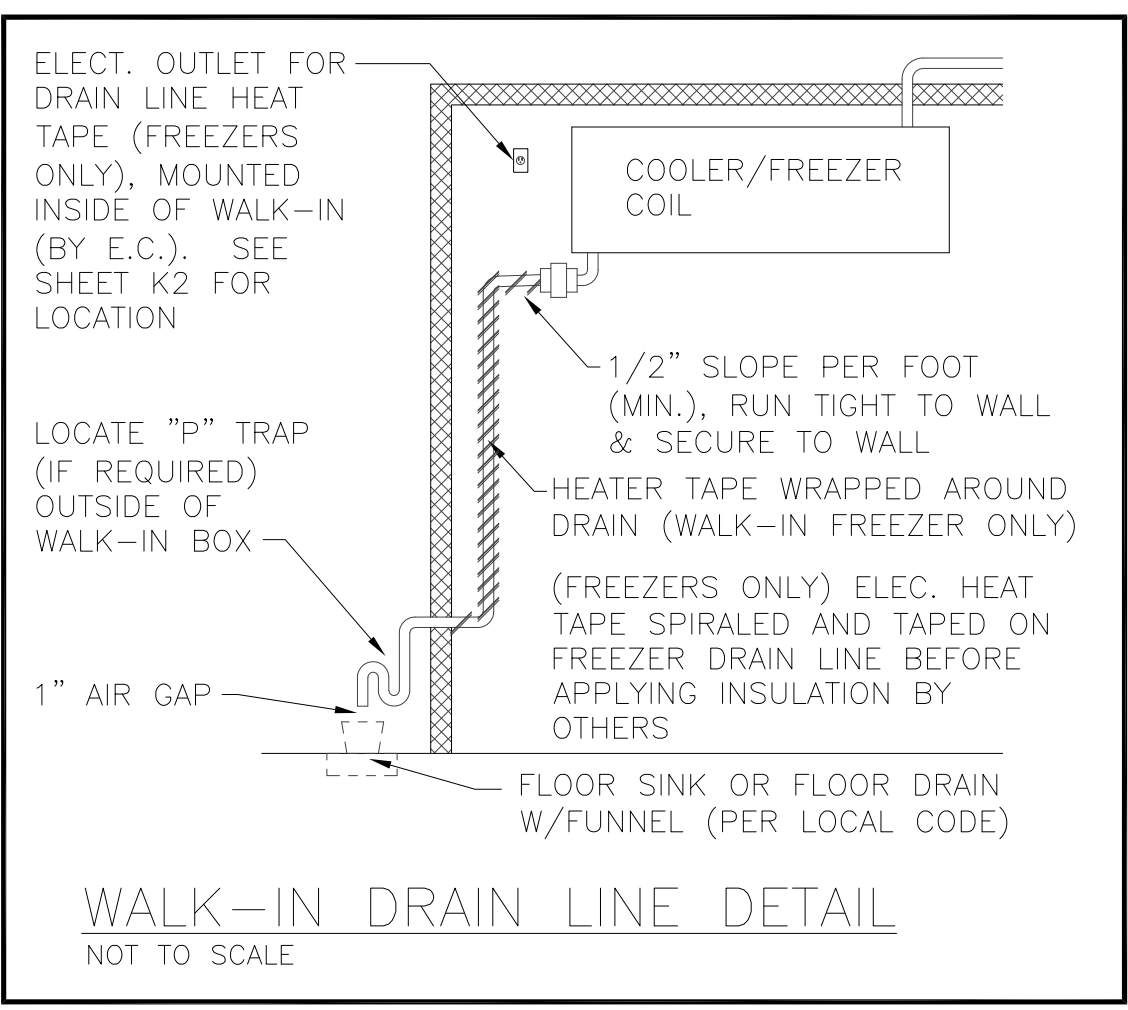
LEVEL 1: KITCHEN
SCALE: 1/4" = 1'-0"



LOWER LEVEL GARAGE: STORAGE
SCALE: 1/4" = 1'-0"



TYPICAL GAS CONNECTION
N.T.S.



WALK-IN DRAIN LINE DETAIL
NOT TO SCALE

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- ES INDICATES LOCATIONS FOR FLOOR SINKS. FLOOR SINKS ARE PROVIDED & INSTALLED BY THE P.C. PER LOCAL CODE REQUIREMENTS. P.C. TO VERIFY WHETHER FLOOR SINKS ARE TO BE INSTALLED FLUSH, RAISED 1" OR RAISED.
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PLUMBING SYMBOLS

| Symbol | Description |
|--------|--|
| HW | HOT WATER |
| CW | COLD WATER |
| DW | DIRECT WASTE CONNECTION |
| FD | FLOOR DRAIN |
| TTFD | TELLTALE FLOOR DRAIN |
| FFD | FLOOR DRAIN W/FUNNEL |
| FS | FLOOR SINK |
| GAS | GAS SUPPLY LINE STUB |
| REFR | REFRIGERATION LINES (SUPPLY & SUCTION) |
| BL | BEVERAGE LINE CHASE |
| STM | STEAM SUPPLY LINE |
| C.RTN | CONDENSATE RETURN (STEAM) |
| CWS | CHILLED WATER SUPPLY |
| CWR | CHILLED WATER RETURN |
| AFF | ABOVE FINISHED FLOOR. |
| DFA | DOWN FROM ABOVE |
| IW | INDIRECT WASTE DRAIN |

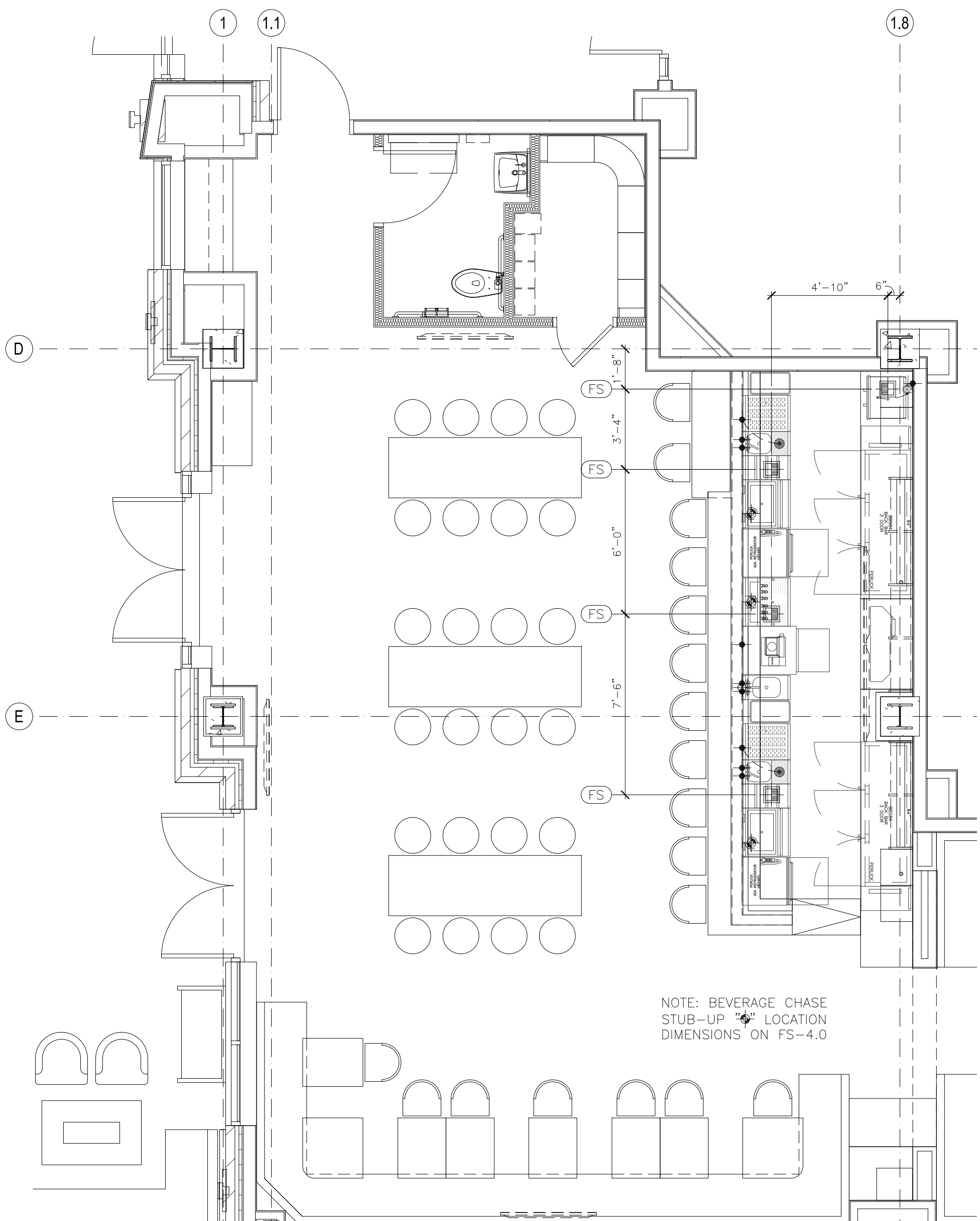
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| |
|---------------------|
| APPROVED |
| DATE |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: 1/4" = 1'-0" |
| DATE: 02.07.2020 |
| JOB NO. |
| SHEET |

| NO. | REVISION | DATE |
|---------------------------------|----------|------------|
| OWNER'S- ^H REVISIONS | | 02.18.2022 |
| EQUIPMENT REVISIONS | | 03.03.2022 |
| UPDATED WOOD DRAWINGS | | 04.05.2022 |
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| ISSUED FOR PERMIT | | 09.27.2024 |

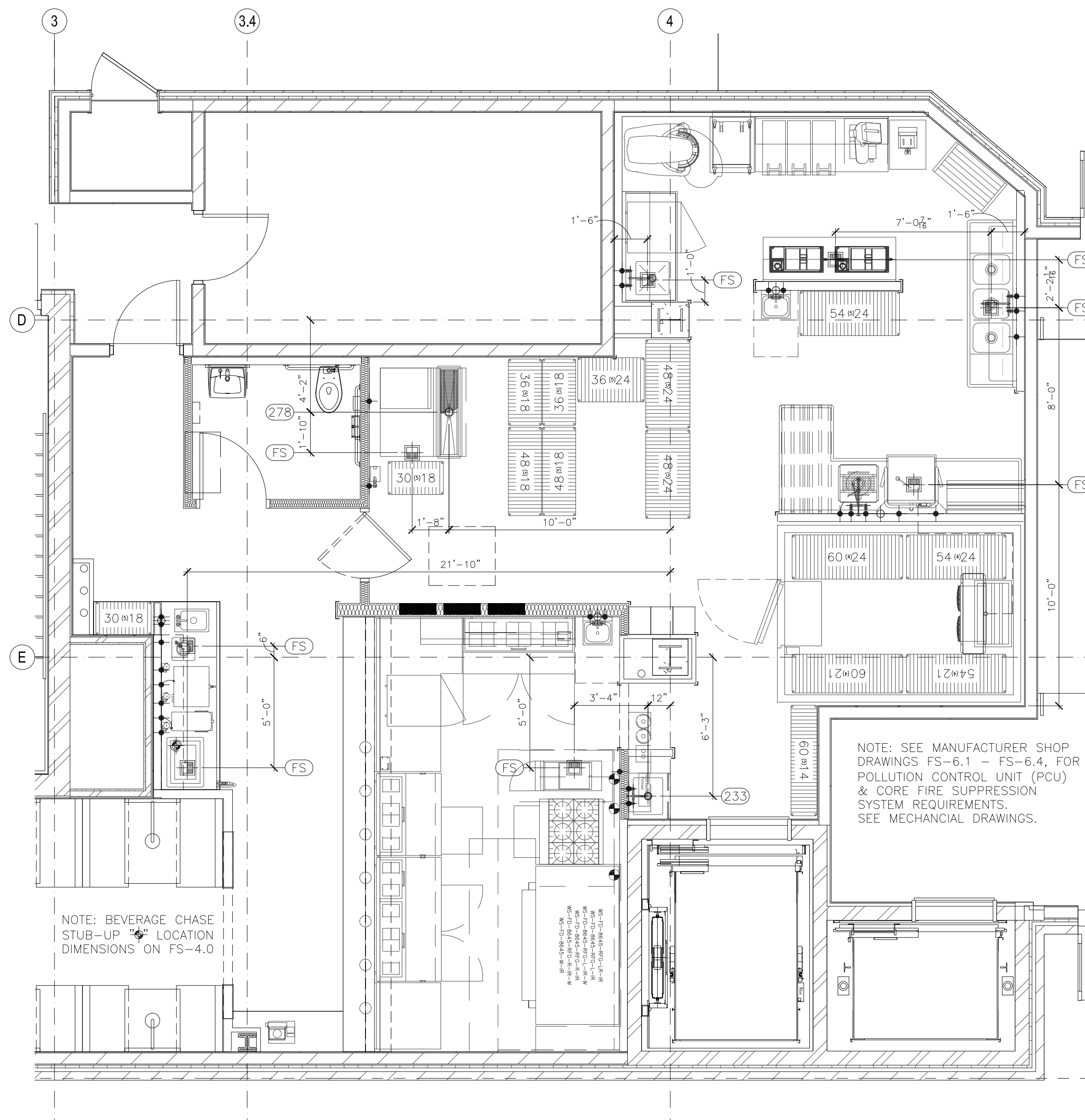
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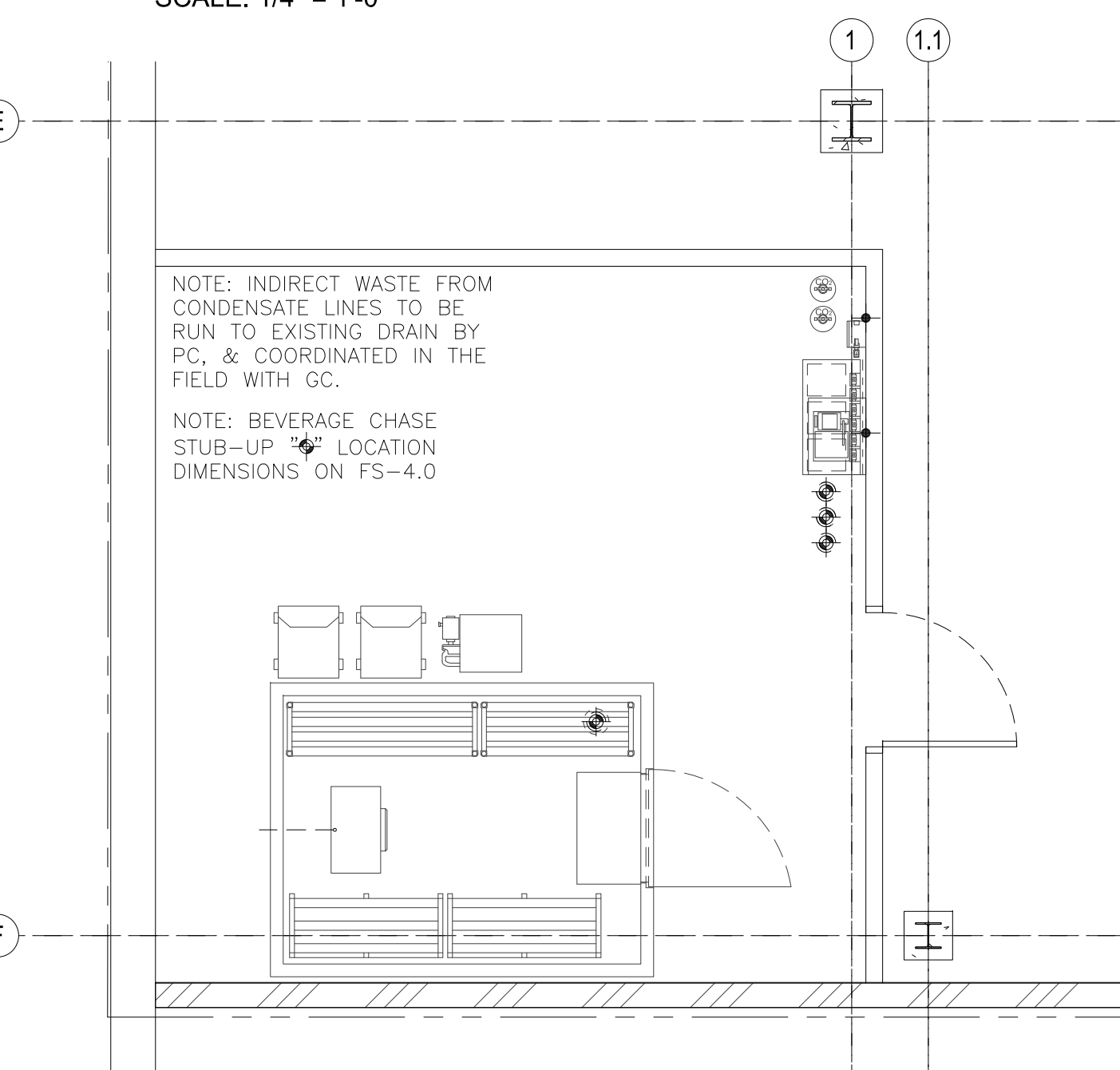
LEVEL 1: WINE BAR

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



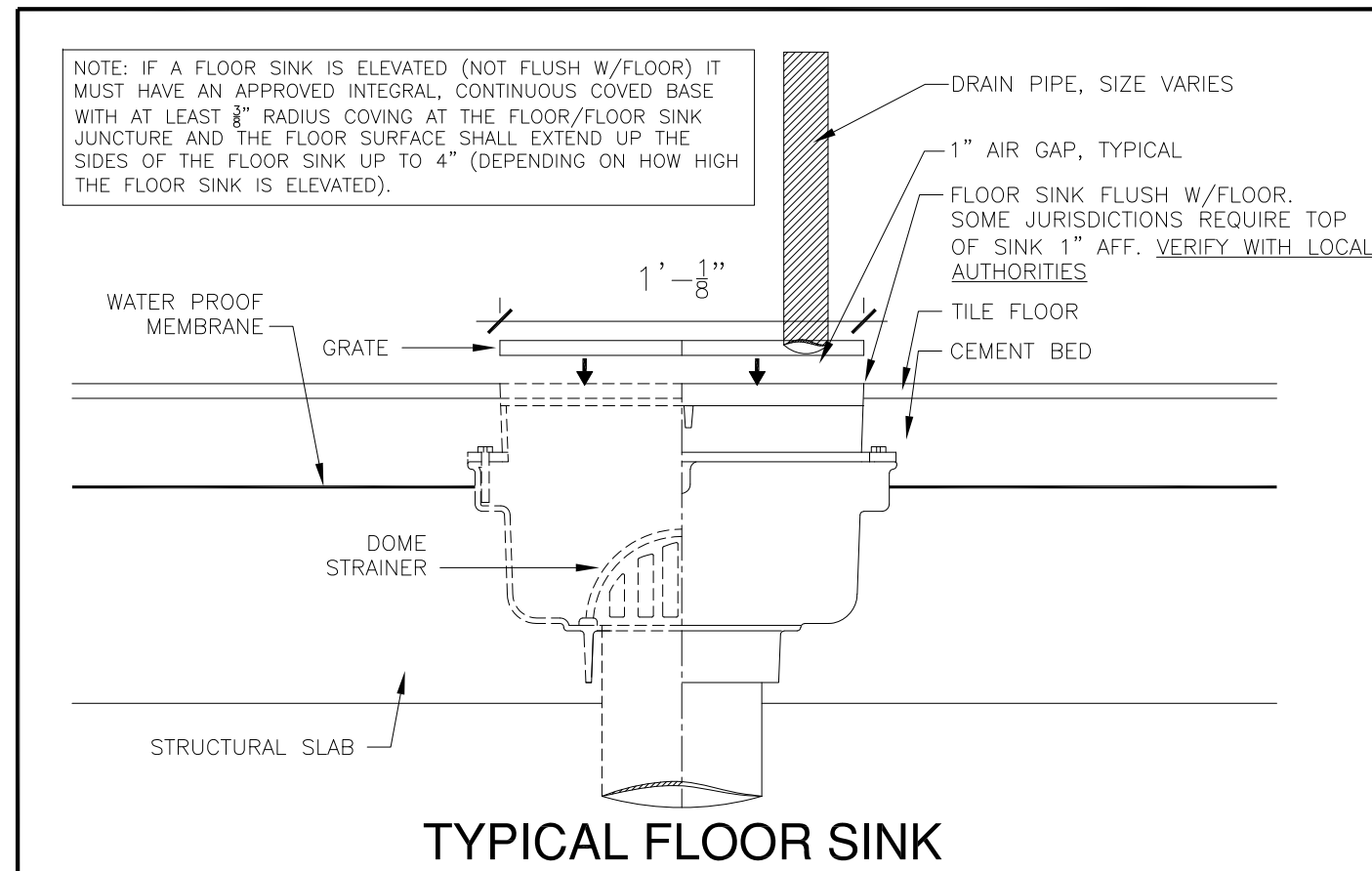
LEVEL 1: KITCHEN

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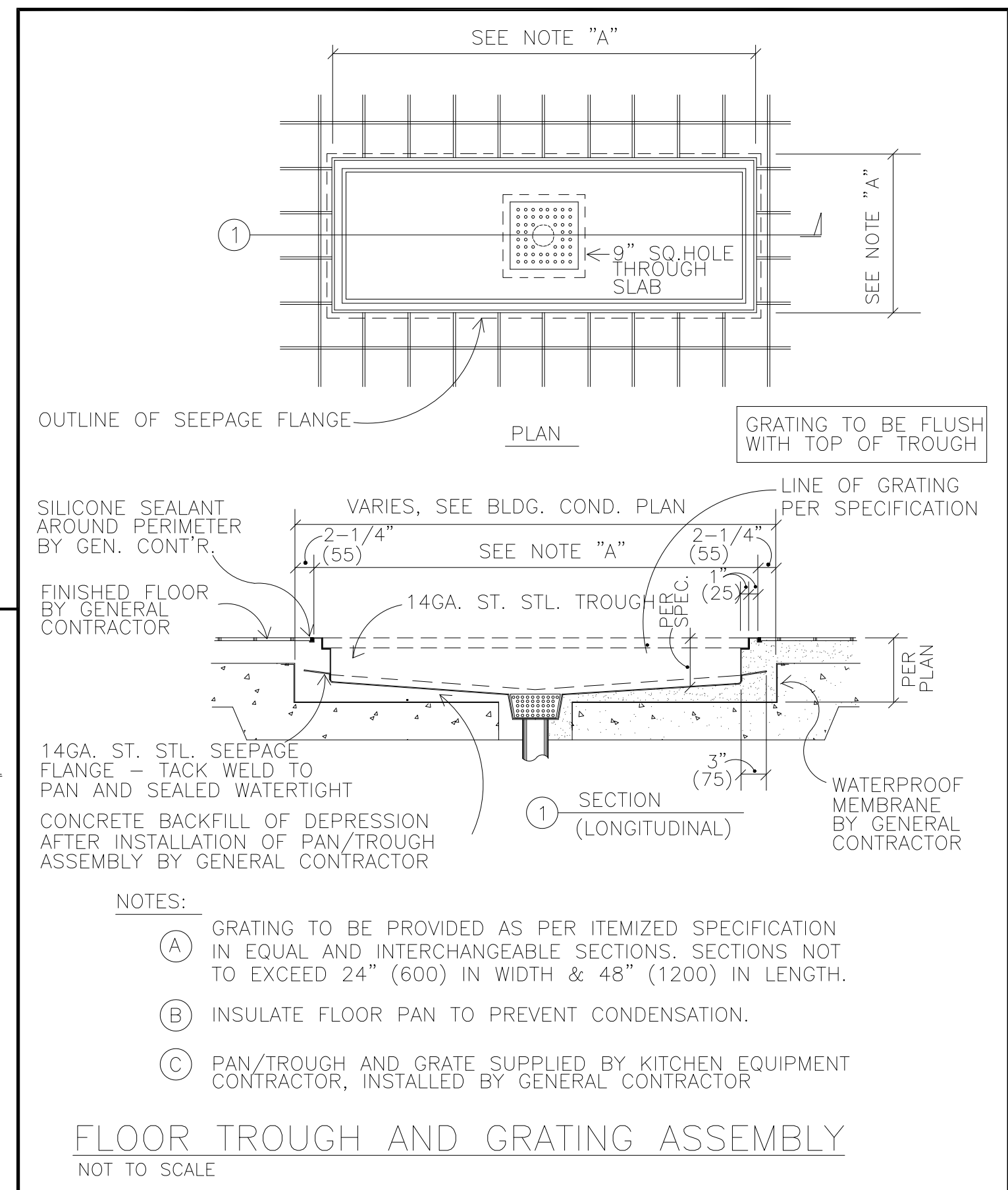


LOWER LEVEL GARAGE: STORAGE

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



FLOOR TROUGH NOTE:
VERIFY ALL DETAILS WITH MANUFACTURERS SPEC SHEET, OR LATEST SHOP DRAWINGS IF CUSTOM. PLEASE VERIFY CONNECTIONS AND INSTALLATIONS WITH GC AND MC.



PLUMBING PROJECT NOTES

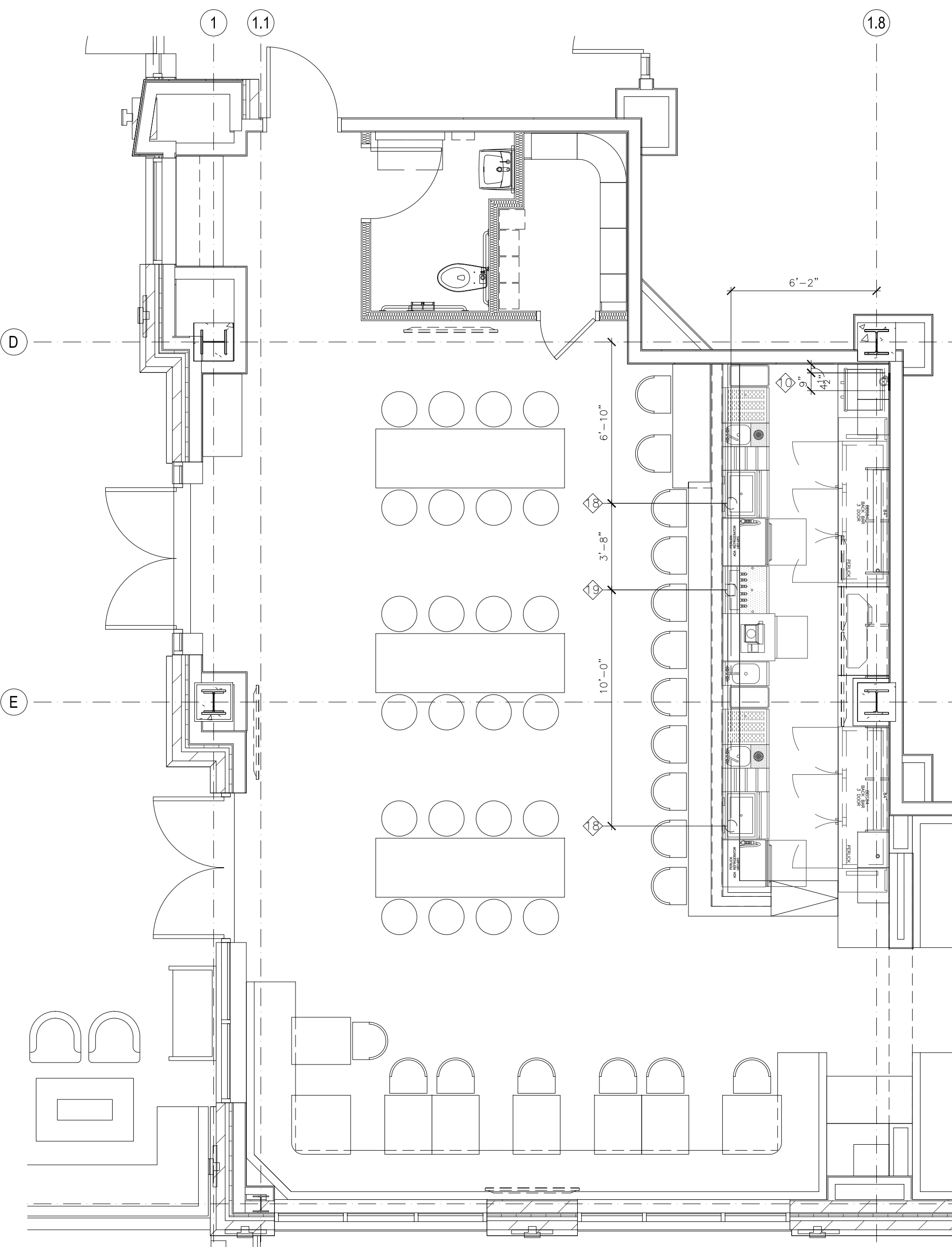
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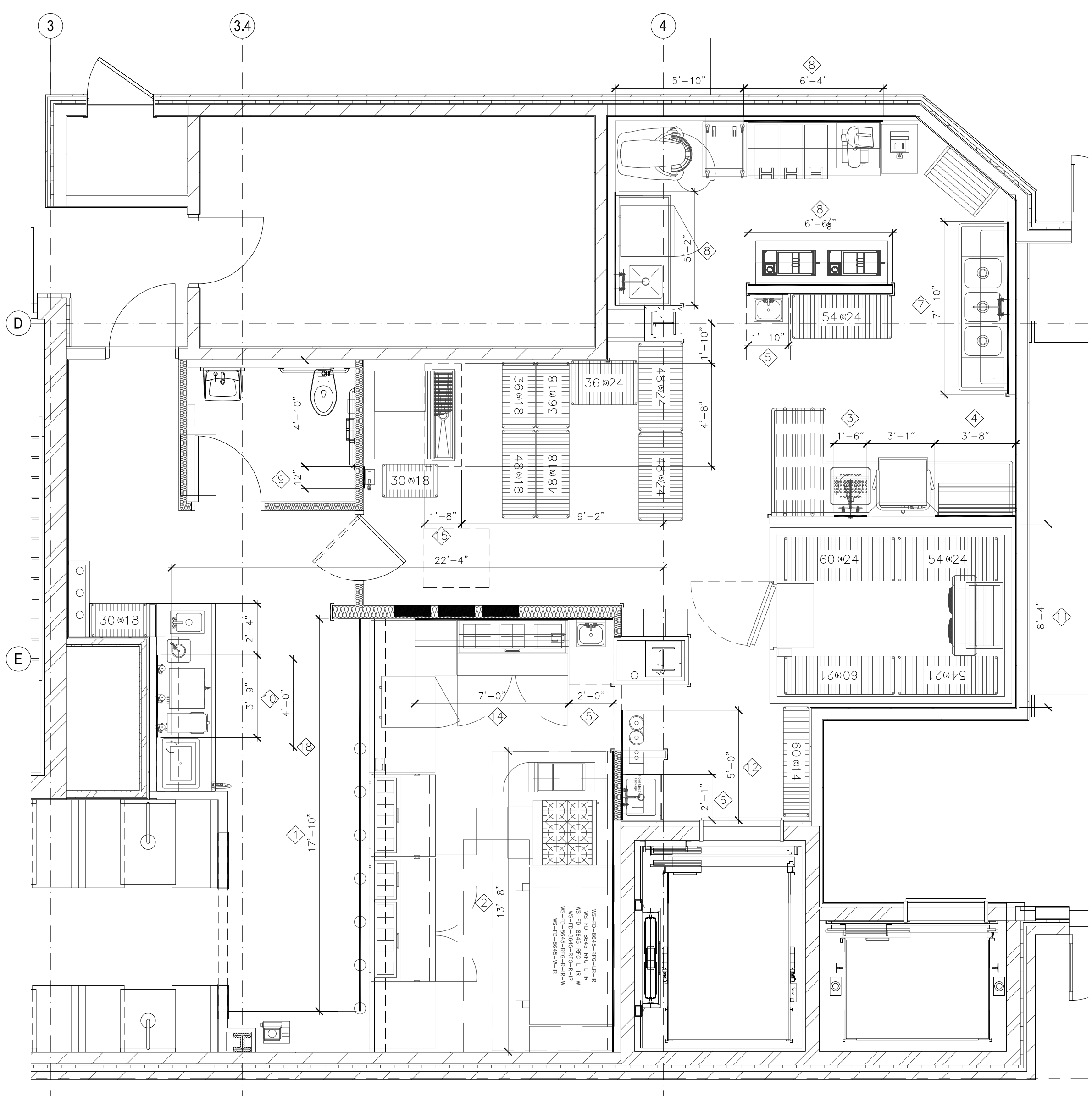
| PLUMBING SYMBOLS | |
|------------------|--|
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| + | CW COLD WATER |
| + | DW DIRECT WASTE CONNECTION |
| + | FD FLOOR DRAIN |
| + | TTFD TELLTALE FLOOR DRAIN |
| + | FFD FLOOR DRAIN W/FUNNEL |
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| + | GAS GAS SUPPLY LINE STUB |
| + | REFRIGERATION LINES (SUPPLY & SUCTION) |
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| + | STM STEAM SUPPLY LINE |
| + | C.RTN CONDENSATE RETURN (STEAM) |
| + | CWS CHILLED WATER SUPPLY |
| + | CWR CHILLED WATER RETURN |
| + | AFF ABOVE FINISHED FLOOR. |
| + | DFA DOWN FROM ABOVE |
| + | IW INDIRECT WASTE DRAIN |

NOTE:
ALL CONNECTIONS SHOWN ON WALL LINE(S) ARE TO BE CONCEALED IN WALL CAVITY AND ROUGHED-OUT AT ELEVATION CALLED FOR IN ITEM NOTE(S), UNLESS NOTED OTHERWISE.

| NO. | REVISION | DATE |
|-----------------------|------------|------|
| OWNER'S REVISIONS | 02.18.2022 | |
| EQUIPMENT REVISIONS | 03.03.2022 | |
| UPDATED HOOD DRAWINGS | 04.05.2022 | |
| ICE MAKER REVISION | 04.14.2022 | |
| ISSUED FOR PERMIT | 09.27.2024 | |
| | | |
| | | |
| | | |

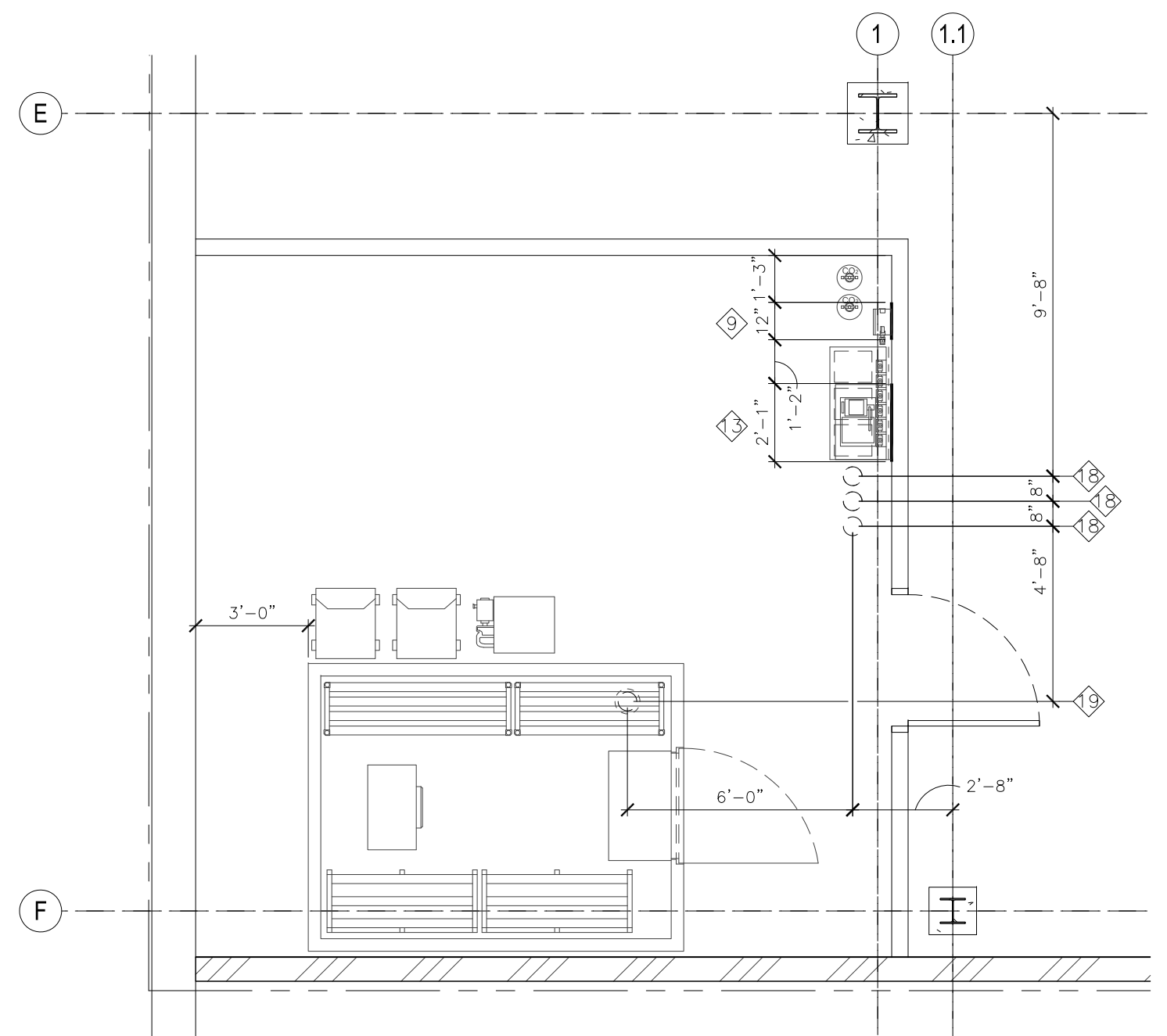


LEVEL 1: WINE BAR
SCALE: 1/4" = 1'-0"

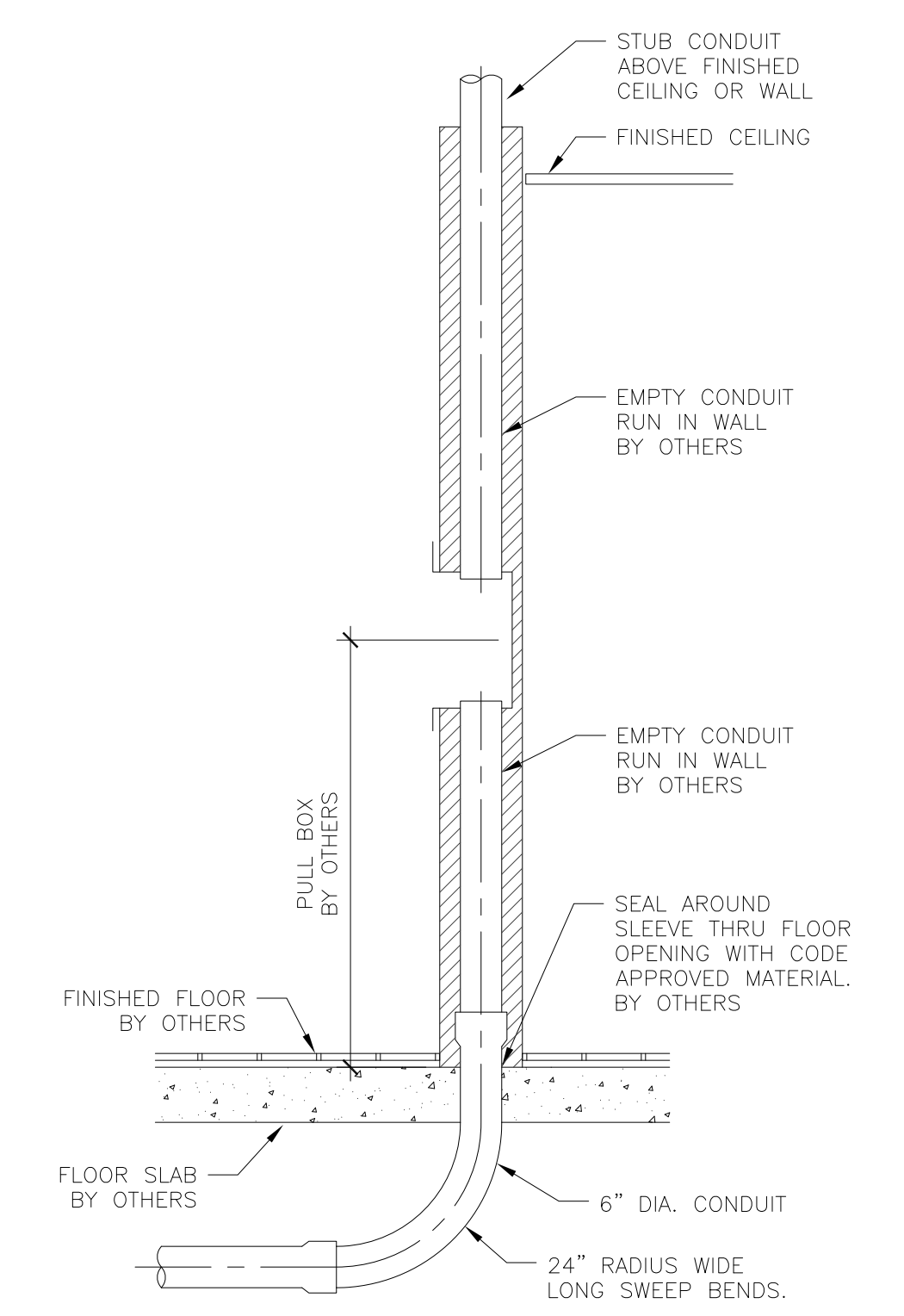


LEVEL 1: KITCHEN
SCALE: 1/4" = 1'-0"

- BACKING/SPECIAL CONDITION NOTES**
- 1 BACKING: STAINLESS STEEL SHELVING (ITEM #213) AT PICK UP COUNTER @ 24"-48" AFF
 - 2 BACKING: EXHAUST HOOD 95-110" AFF
 - 3 BACKING: PRE-RINSE FAUCET 48-64" AFF
 - 4 BACKING: DISH SORTING SHELF @ 60"-78" AFF
 - 5 BACKING: HAND SINKS 30-66" AFF
 - 6 BACKING: 34"-48" A.F.F. FOR SERVICE FAUCET & 64"-77" CHEMICAL SHELVES A.F.F.
 - 7 BACKING: POT RACK W/SHELF 60"-96" AFF
 - 8 BACKING: WALL SHELVES @ 66"-84" AFF
 - 9 BACKING: WATER FILTER 66"-96" AFF
 - 10 BACKING: WATER FILTER UNDERCOUNTER 18"-30" AFF
 - 11 GC TO VERIFY CRITICAL DIMENSIONS FOR CUSTOM FAB FITMENT. TRADES TO LET FEC KNOW AS SOON AS POSSIBLE IF FIELD DIMENSIONS ARE INCORRECT.
 - 12 BACKING: ANSUL FIRE SYSTEM CONTROL CABINET 72"-108" AFF
 - 13 BACKING: SODA CARBONATOR SHELF @ 56"-78" AFF
 - 14 BACKING: DOUBLE S/S WALL SHELVES @ 56"-82" AFF
 - 15 BOX OUT DIMENSIONS FOR FLOOR TROUGH INSTALLATIONS.
 - 16 NOT USED.
 - 17 NOT USED.
 - 18 6" DIAMETER SODA CHASE
 - 19 6" DIAMETER BEER CHASE

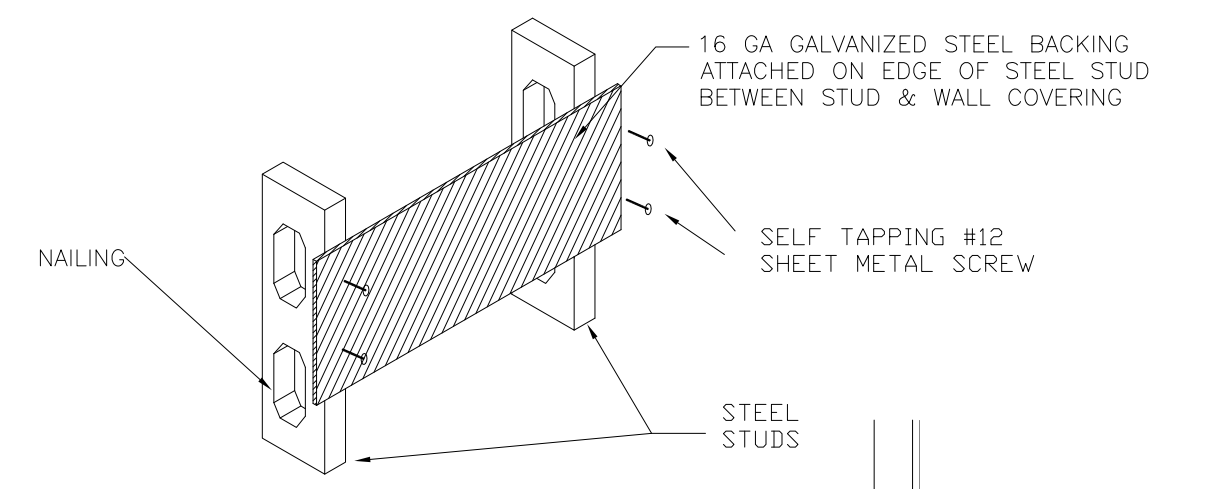


LOWER LEVEL GARAGE: STORAGE
SCALE: 1/4" = 1'-0"

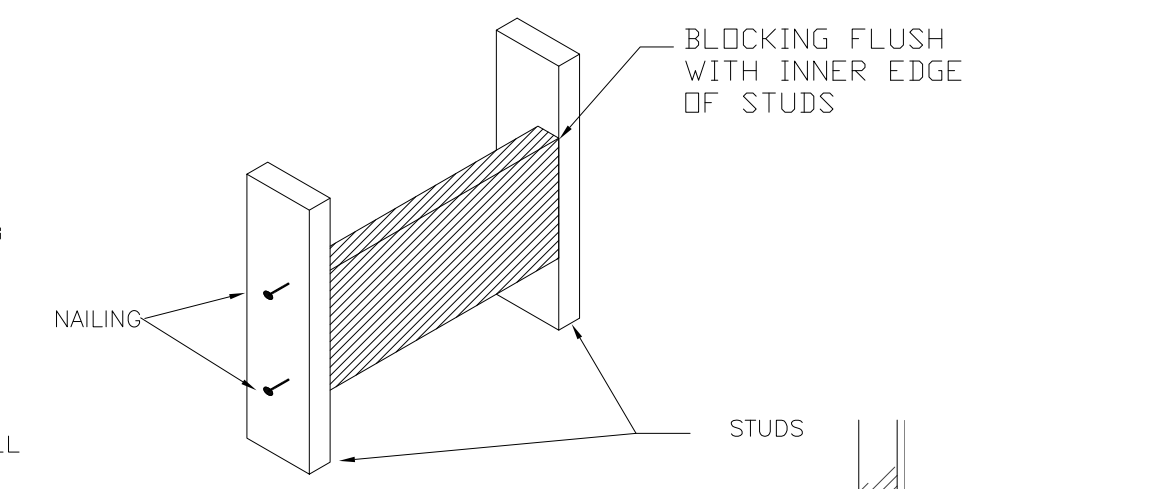


REFERENCE DETAIL TYP 6" CONDUIT IN WALL RUN
SCALE: 1/4" = 1'-0"

- CONDUIT NOTES:**
- ALL CONDUITS TO BE 6" I.D. MINIMUM.
 - ALL 6" CONDUITS TO HAVE A MINIMUM OF A 24" RADIUS.
 - ALL BENDS TO BE "LONG SWEEP" MINIMUM RADIUS AS USED BY THE ELECTRICAL TRADES.
 - DO NOT USE PLUMBING TEES OR ELBOWS.
 - INSTALL PULL BOXES AS REQUIRED.
 - DEBURR ALL SHARP EDGES ON I.D. OF CONDUIT.
 - UTILIZE LEAST NUMBER OF BENDS.
 - CAP ENDS DURING CONSTRUCTION.
 - 18" MINIMUM CENTERS ON CONTINUING STUB-UPS.



NOTE: WALL BACKING IS SHOWN AT MINIMUM DIMENSION. EXTEND BACKING TO NEXT STUD, EACH DIRECTION.

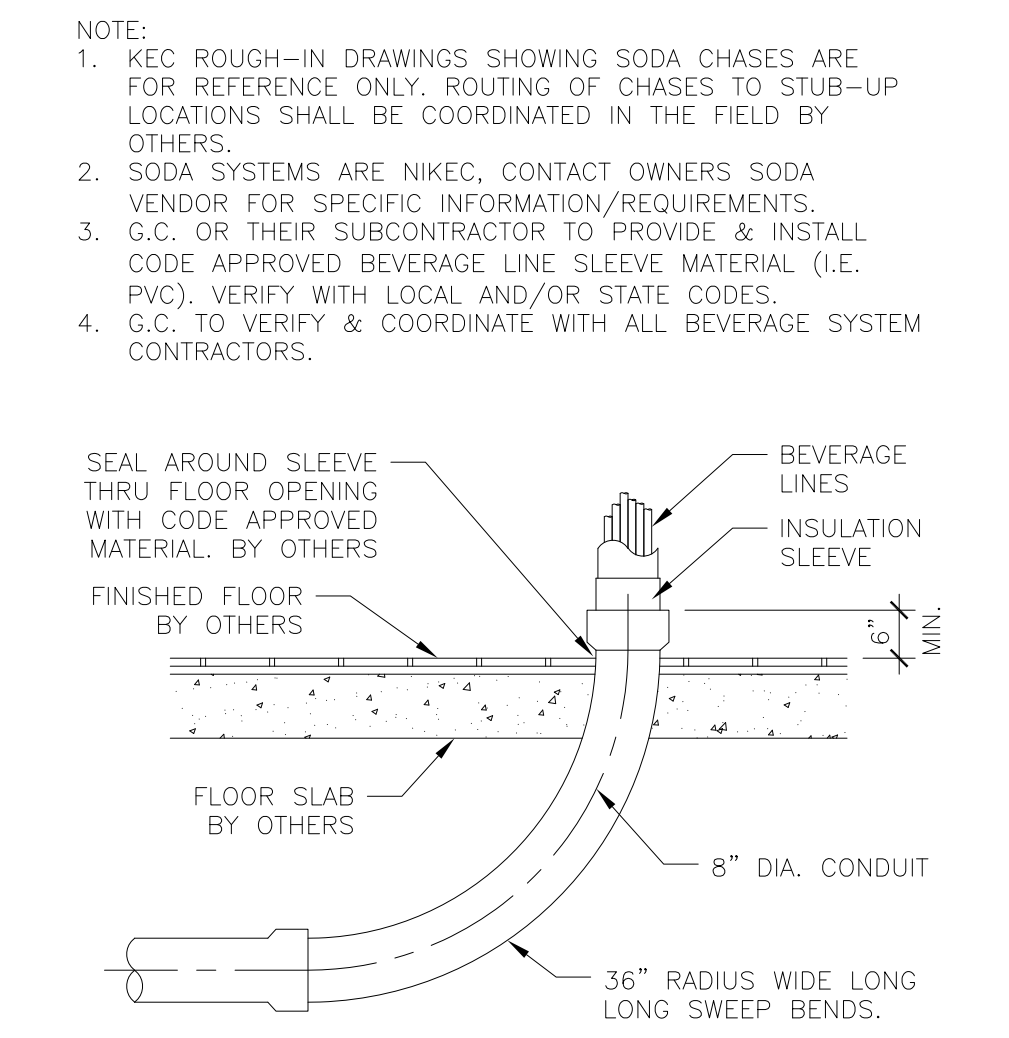


NOTE: G.C. TO PROVIDE WALL BACKING FOR WALL MOUNTED FOOD SERVICE EQUIPMENT.

NOTE: WALL BACKING IS SHOWN AT MINIMUM DIMENSION. EXTEND BACKING TO NEXT STUD, EACH DIRECTION.

NOTE: G.C. TO PROVIDE WALL BACKING FOR WALL MOUNTED FOOD SERVICE EQUIPMENT.

NOTE: WALL BACKING TO BE 16 GA. GALV. FOR METAL FRAMED BUILDINGS. SEE SMACNA GUIDELINES FOR ACCEPTABLE ALTERNATE FOR WOOD FRAMING.



REFERENCE DETAIL TYP 8" CONDUIT RUN UNDERFLOOR
SCALE: 1/4" = 1'-0"

| |
|---------------------|
| APPROVED: |
| DATE: |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: 1/4" = 1'-0" |
| DATE: 02.07.2020 |
| JOB NO.: |

HOOD INFORMATION - JOB#4187998

| HOOD NO | TAG | MODEL | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST PLENUM RISER(S) | | | | | HOOD CONSTRUCTION | HOOD CONFIG | | |
|---------|-----|-----------|--------------|--------|------------------|------|----------------|---------------|---------------|-------------------------|------|--------|------|------|-------------------|----------------------|-------|------------|
| | | | | | | | | | | WIDTH | LENG | HEIGHT | DIA | CFM | | VEL | SP | END TO END |
| 1 | | 6624 ND-2 | CAPTIVEAIRE | 13' 7" | 600 DEG | 1 | HEAVY | 275 | 3735 | | 4" | 14" | 1867 | 1746 | -0.918" | 430 SS WHERE EXPOSED | ALONE | ALONE |

HOOD INFORMATION

| HOOD NO | TAG | TYPE | FILTER(S) | | | EFFICIENCY @ 7 MICRONS | QTY | LIGHT(S) | | | UTILITY CABINET(S) | | | FIRE SYSTEM | HOOD HANGING WEIGHT | |
|---------|-----|-----------------------|-----------|--------|--------|------------------------|-----|----------------|------|----------|--------------------|---------|---------|-------------|---------------------|----------------|
| | | | QTY | HEIGHT | LENGTH | | | TYPE | SIZE | MODEL # | QUANTITY | TYPE | SIZE | | | MODEL # |
| 1 | | CAPTRATE SOLID FILTER | 10 | 20" | 16" | 85% SEE FILTER SPEC | 7 | L55 SERIES E26 | NO | WALL MNT | 12"x48"x24" | TANK FS | 4.0/4.0 | DCV-1011 | 1 LIGHT 1 FAN | YES 889 LBS |

HOOD OPTIONS

| HOOD NO | TAG | OPTION |
|---------|-----|--|
| 1 | | FIELD WRAPPER 18.00" HIGH FRONT, LEFT, BACKSPLASH 120.00" HIGH X 164.00" LONG 430 SS VERTICAL, RIGHT SIDESPLASH 122.00" HIGH X 84.00" LONG 430 SS VERTICAL, RIGHT END STANDOFF (FINISHED) 1" WIDE 66" LONG INSULATED, LEFT VERTICAL END PANEL 27" TOP WIDTH, 21" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS, RIGHT WALL AS END PANEL. |

WALL-MOUNT UTILITY CABINET

| HOOD NO | LOCATION | SIZE | UTILITY CABINET(S) | | | WEIGHT |
|---------|----------|-------------|--------------------|------------|------------------------------|------------|
| | | | FIRE SYSTEM | ELECTRICAL | SWITCHES | |
| 1 | WALL MNT | 12"x48"x24" | TANK FS | 4.0/4.0 | DCV-1011 1 LIGHT 1 FAN | 340.00 LBS |

FOR QUESTIONS, CALL THE
Charlotte/Piedmont
REGION 30
PHONE: (704) 844-9088
EMAIL: reg30@captiveaire.com

CAPTIVE-AIRE HOODS ARE
ETL LISTED AND LABELED
IN COMPLIANCE WITH

NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001

PATENT NUMBERS

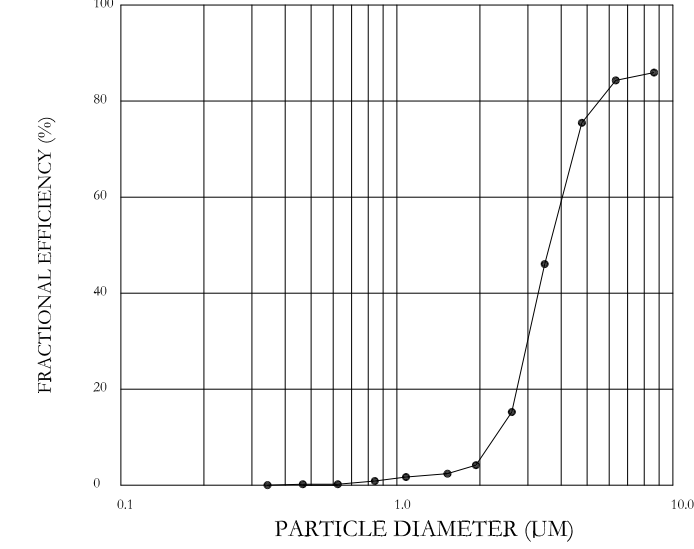
EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

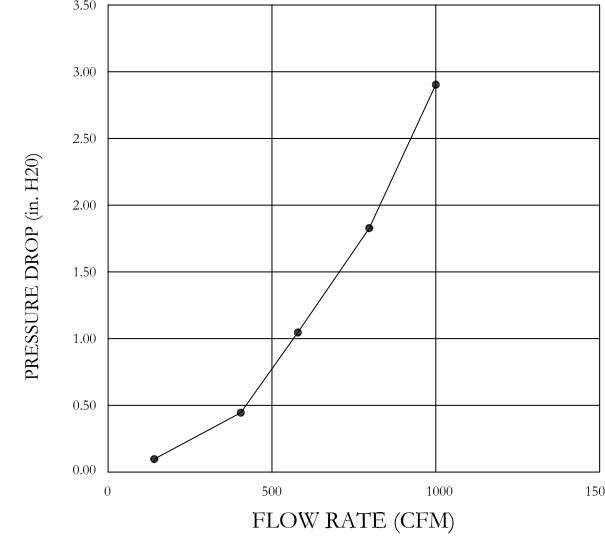
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY. FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S). UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 10 INCHES OF WATER GAUGE. THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

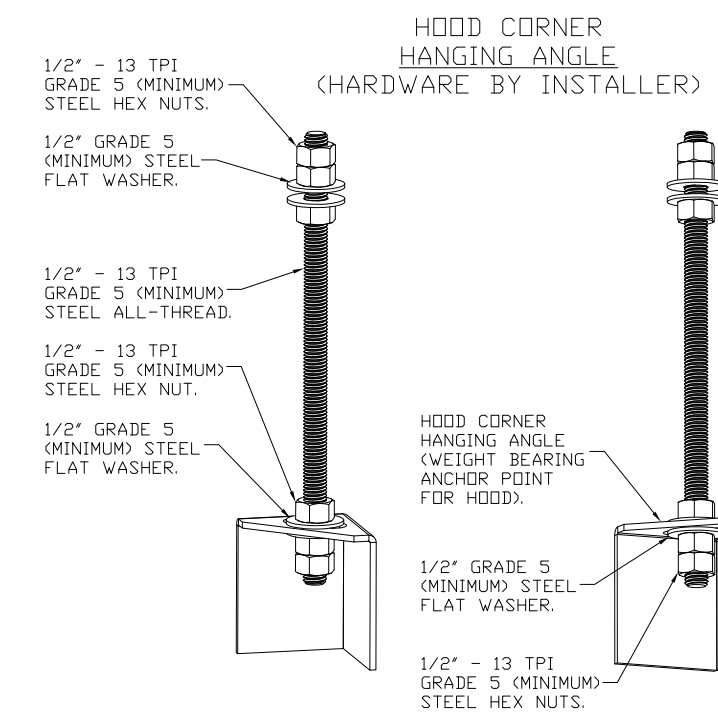
EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPTIVE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96,
NSF STANDARD #2,
UL STANDARD #1046,
INT. MECH. CODE (IMC),
ULC-5649.

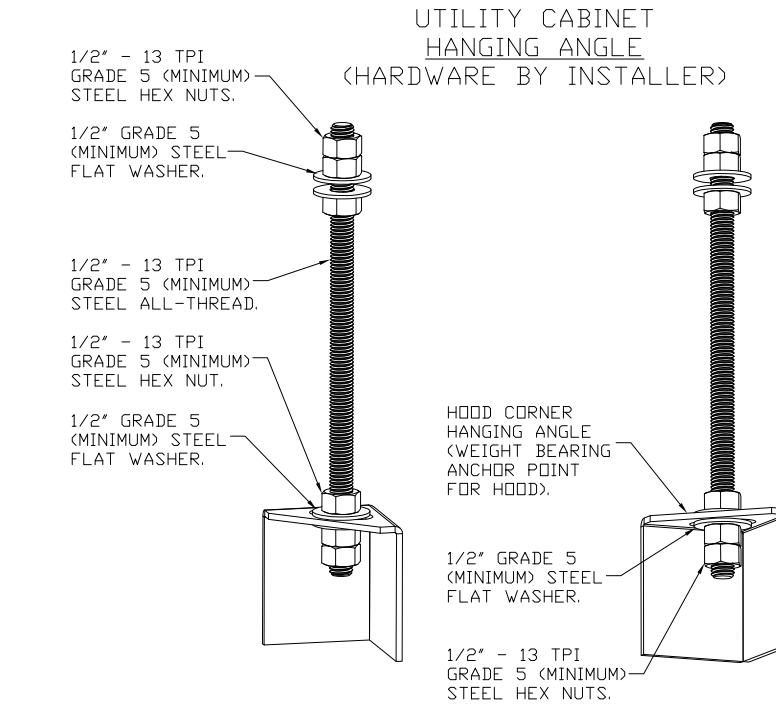


ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

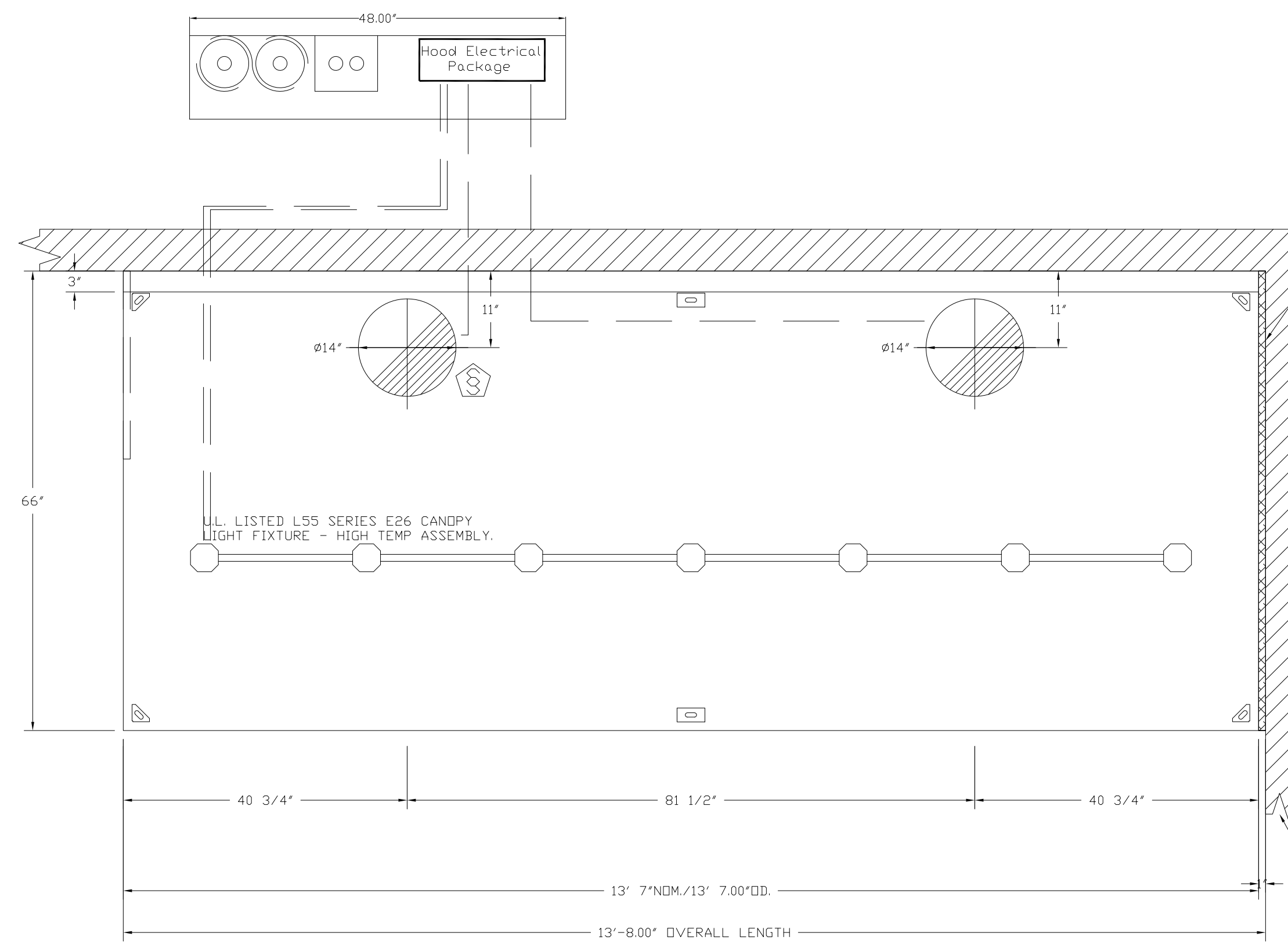
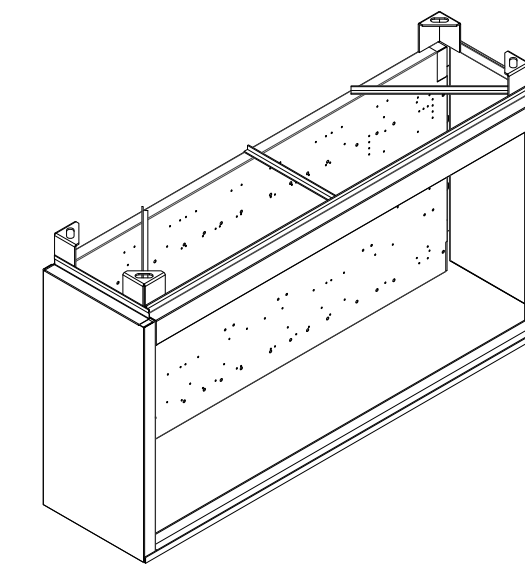
WALL-MOUNT UTILITY CABINET ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH UTILITY CABINET HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



VERIFY CEILING HEIGHT

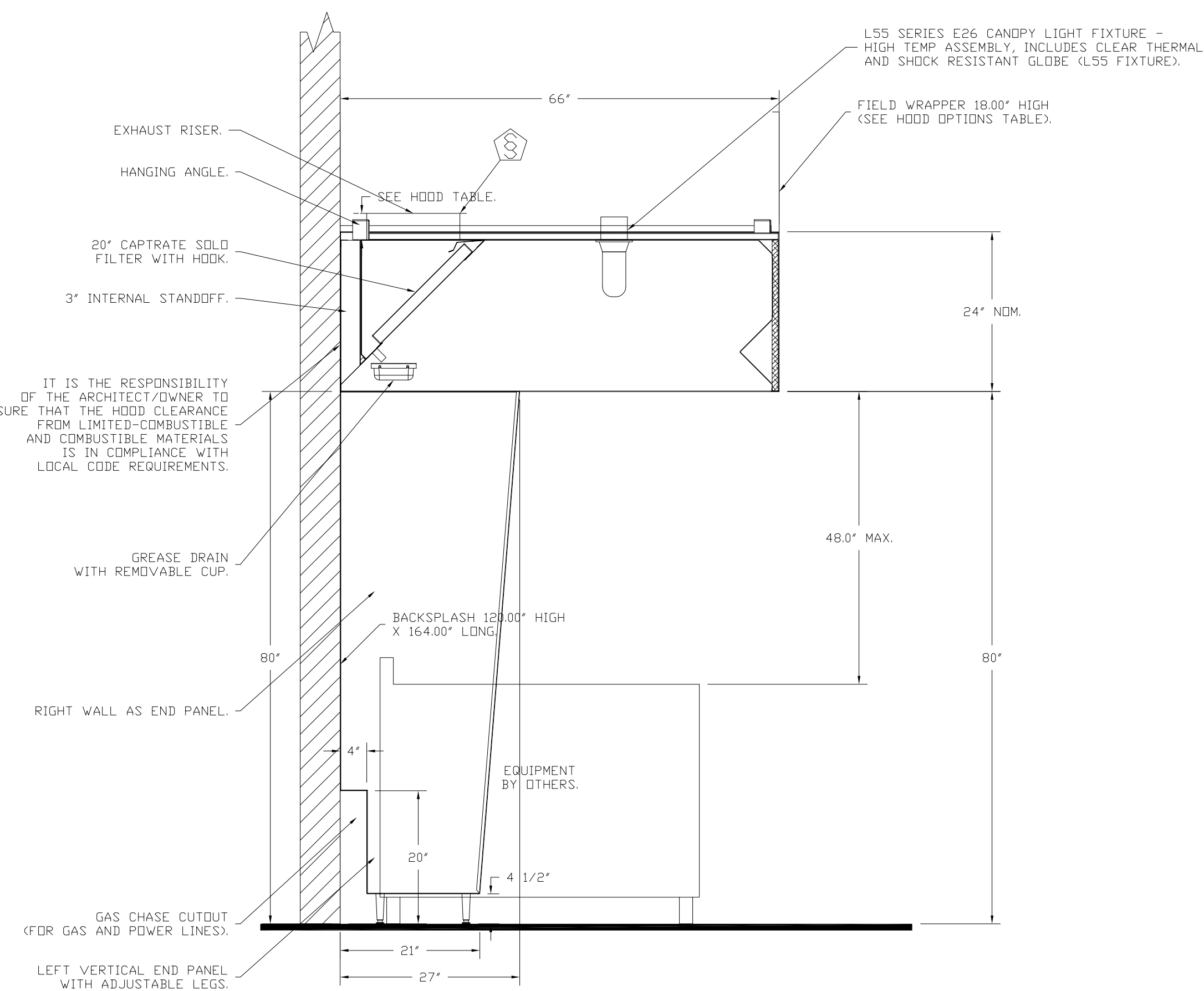
Height required to verify that the hood will fit and to size the enclosure panels.



PLAN VIEW - HOOD #1
13' 7.00" LONG 6624ND-2
NOTE: ADDITIONAL HANGING ANGLES PROVIDED FOR HOODS 12" AND LONGER.

1" LAYER OF INSULATION FACTORY INSTALLED IN 1.00" END STANDOFF MEETS 1" REQUIREMENTS CLEARANCE TO COMBUSTIBLE SURFACES.

INSTALLER MUST CONFIRM HOOD IS INSTALLED SUCH THAT THE SPECIFIED WALL, ACTING AS AN END PANEL, IS MATED TIGHT TO THE CORRECT END OF HOOD TO ACHIEVE A REDUCED MINIMUM EXHAUST CFM LISTING. NON-COMPLIANCE WILL NULLIFY THE ETL LISTING, VOID THE MANUFACTURER'S WARRANTY, AND HOLD THE CONTRACTOR LIABLE FOR ANY AND ALL LOSSES, COSTS, AND EXPENSES RELATED TO THE NON-COMPLIANCE OF THE MANUFACTURER'S SPECIFIED INSTRUCTION. THE WALL ACTING AS AN END PANEL MUST EXTEND NO LESS THAN 20" FROM THE INTERSECTING WALL BY WHICH HOOD IS MOUNTED AND MUST EXTEND NO LESS THAN 20" UNDER BOTTOM OF HOOD TO BE ELIGIBLE FOR REDUCED MINIMUM EXHAUST CFM LISTING.



SECTION VIEW - MODEL 6624ND-2
HOOD - #1

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| 1 | | |

CAPTIVE
Charlotte/Piedmont
6305 Carmel Road, Suite 105, Charlotte, NC, 28226 PHONE: (704) 844-9088 FAX: (919) 227-9502 EMAIL: reg30@captiveaire.com

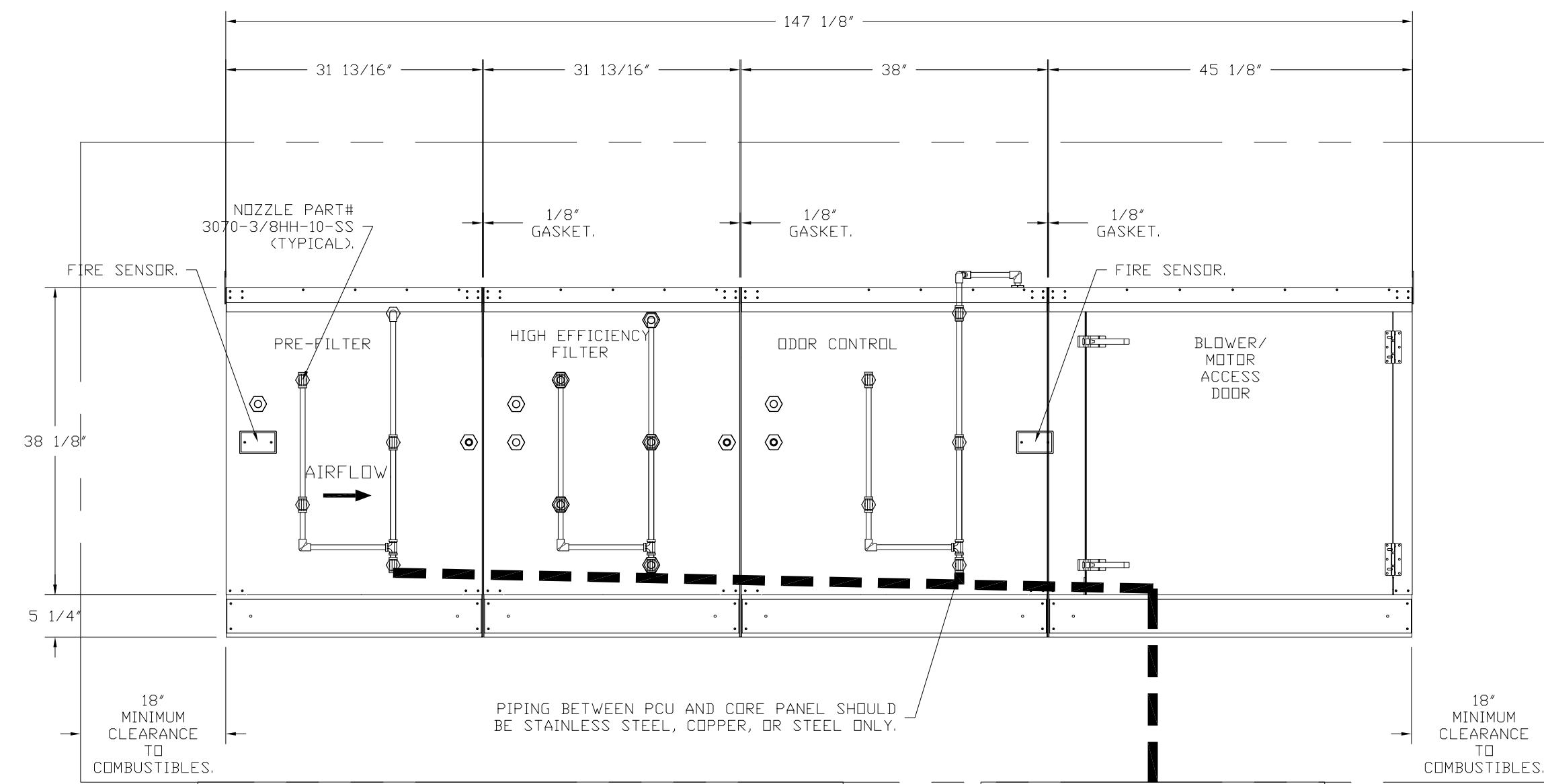
Oaklander Wine and Pizza - PCU
PITTSBURGH, PA, 15203

DATE: 4/5/2022
DWG.#: 4187998
DRAWN BY:
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 1

FIRE SYSTEM INFORMATION - JOB#4187998

| FIRE SYSTEM NO | TAG | TYPE | SIZE | FLOW POINTS | INSTALLATION | |
|----------------|-----|---------|---------|-------------|---------------------------|------------------|
| | | | | | SYSTEM | LOCATION ON HOOD |
| 1 | | TANK FS | 4.0/4.0 | 16 | WALL UTILITY CABINET LEFT | N/A |

POLLUTION CONTROL UNIT FIRE SYSTEM
 FAN #1 KB18 - EXHAUST FAN - POLLUTION CONTROL UNIT WITH CORE PROTECTION FIRE SYSTEM INSTALLED. INCLUDES STEEL PRE FILTER MODULE, HIGH EFFICIENCY MERV 15 FILTER MODULE, AND ODR CONTROL MODULE PREPARED WITH 19 1/2" NEZZLES AND INCLUDES DOWNSTREAM PROTECTION ELECTRIC FIRE DETECTOR AND NEZZLES ARE INCLUDED.



| PIPE DIAMETER | MINIMUM FLOW RATE (GPM) | PRESSURE DROP (PSI) |
|--|-------------------------|---------------------|
| Field Piping Wall Mount Panel to PCU 3 | 1.5 | 26 |
| PCU Internal Piping | 0.375 | 26 |

| | |
|---------------------------|---------------|
| WALL MOUNT PANEL TO PCU 3 | 1.34 PSI LOSS |
| 15\"/> | |

| MINIMUM FLOW RATE (GPM) | MINIMUM PRESSURE (PSI) |
|-------------------------------|------------------------|
| TOTAL CORE INLET REQUIREMENTS | 26 |

* OPERATING PRESSURE RANGE AT CORE PANEL GAUGE IS 21.34 TO 70 PSI. MAXIMUM STATIC PRESSURE IS 125 PSI.

--- FIELD PIPING.

| REVISIONS | |
|-------------|------|
| DESCRIPTION | DATE |
| | |
| | |
| | |
| | |

CAPTIVE
 Charlotte/Piedmont
 6303 Cammet Road, Suite 105, Charlotte, NC, 28226 PHONE: (704) 644-6668 FAX: (919) 227-6592 EMAIL: mg@captivewall.com
 www.captivewall.com

Oaklander Wine and Pizza - PCU
 PITTSBURGH, PA, 15203

DATE: 4/5/2022
 DWG.#: 4187998
 DRAWN BY:
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING
 SHEET NO. 2

| NO | REVISION | DATE |
|----|----------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

OAK HOUSE
 5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

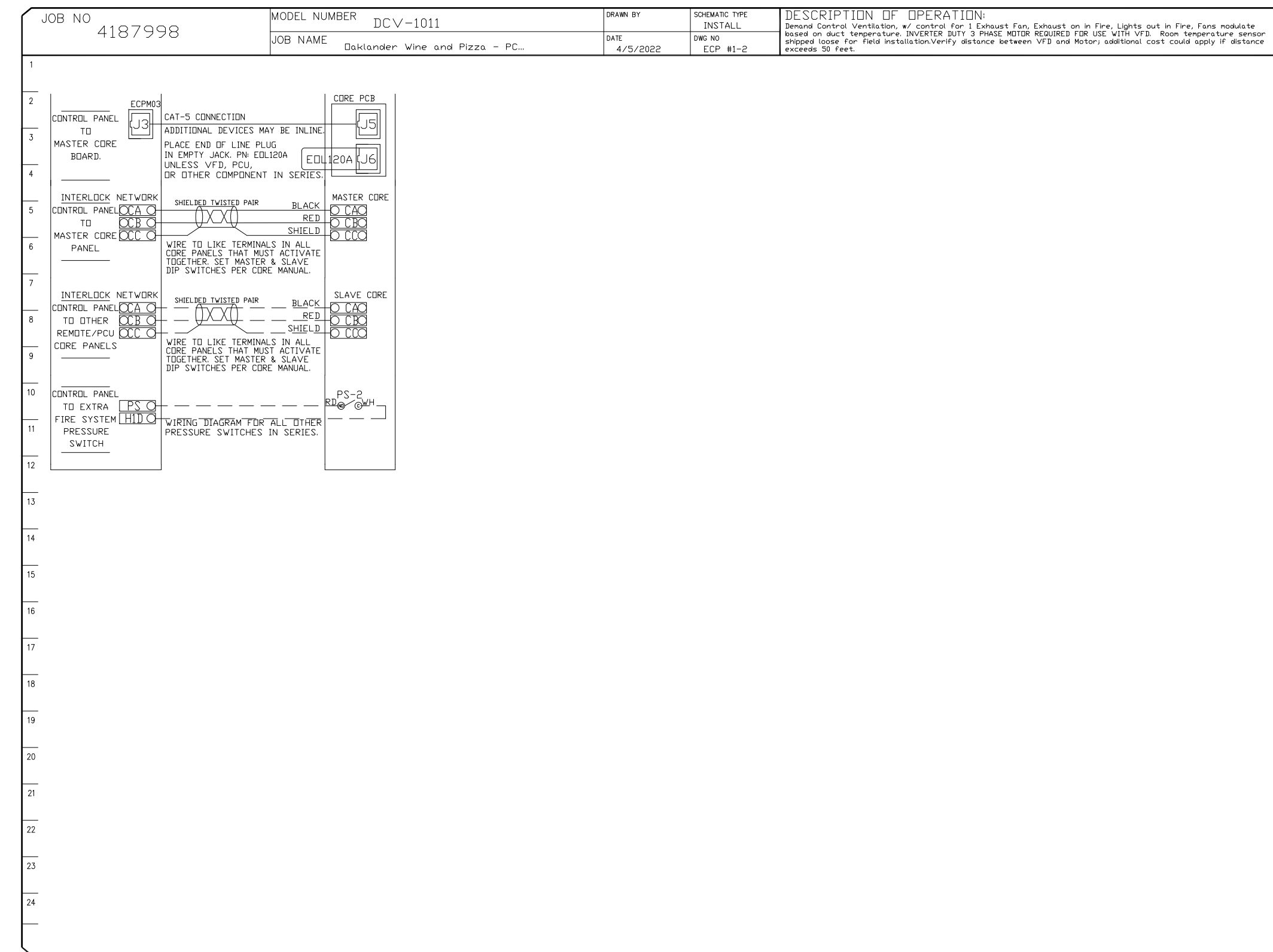
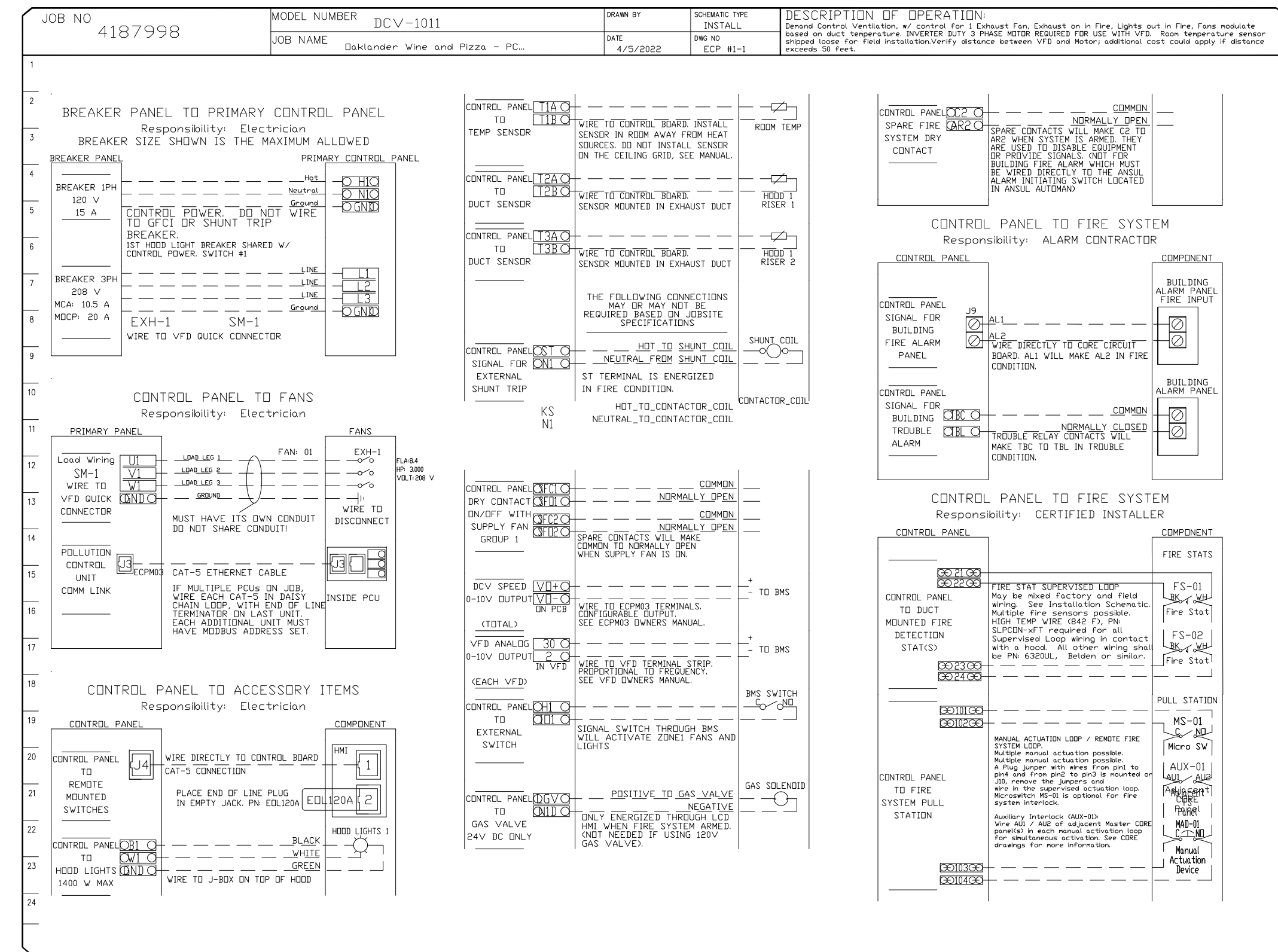
FOODSERVICE EQUIPMENT
 HOOD DRAWING

| APPROVED |
|---------------------|
| |
| DATE |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: 3/4" = 1'-0" |
| DATE: 02.07.2020 |
| JOB NO. |

SHEET
FS-6.1

ELECTRICAL PACKAGE -- JOB#4187998

| NO | TAG | PACKAGE # | LOCATION | SWITCHES | | OPTION | FANS CONTROLLED | | | | |
|----|-----|-----------|---------------------------|--------------------------------------|------------------|--------------------|-----------------|----|-------|-----|-----|
| | | | | LOCATION | QUANTITY | | TYPE | HP | VOL-T | FLA | |
| 1 | | DCV-1011 | WALL UTILITY CABINET LEFT | BI - FACE MOUNT LEFT SIDE OF HOOD | 1 LIGHT 1 FAN | SMART CONTROLS DCV | EXHAUST | 3 | 0.000 | 208 | 8.4 |



SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |
| | | |



Daklander Wine and Pizza - PCU
 PITTSBURGH, PA, 15203

DATE: 4/5/2022
DWG.#: 4187998
DRAWN BY:
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 4



OWNERSHIP REVISIONS

| NO. | REVISION | DATE |
|-----|-----------------------|------------|
| 1 | EQUIPMENT REVISIONS | 02.18.2022 |
| 2 | UPDATED HOOD DRAWINGS | 03.09.2022 |
| 3 | ICE MAKER REVISION | 04.14.2022 |
| 4 | ISSUED FOR PERMIT | 09.27.2024 |

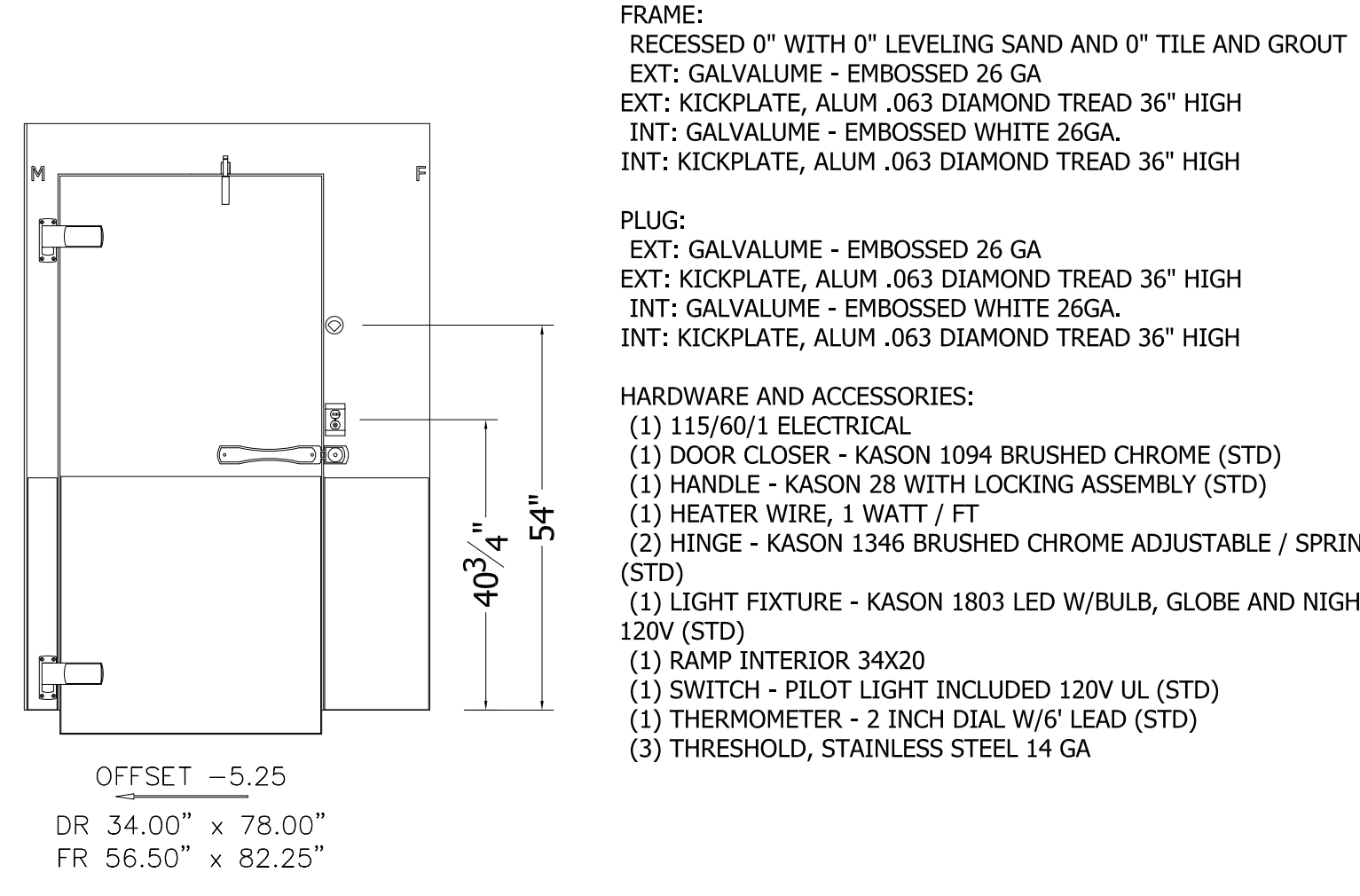
OAK HOUSE
 5130 BIGELOW BLVD
 PITTSBURGH, PA 15213

FOODSERVICE EQUIPMENT
HOOD DRAWING

APPROVED:

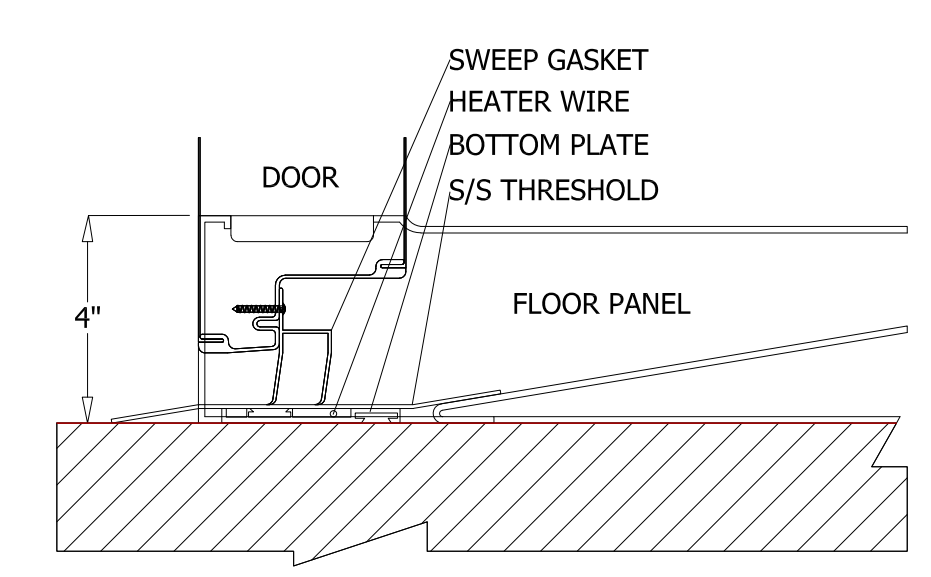
| | |
|------------------|---------------------|
| DATE | DESIGNED BY: JGC |
| DRAWN BY: JGC | SCALE: 3/4" = 1'-0" |
| DATE: 02.07.2020 | JOB NO. |

SHEET
FS-6.3

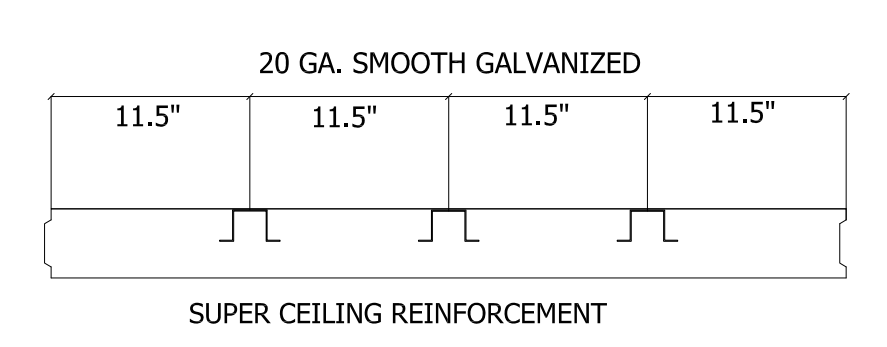


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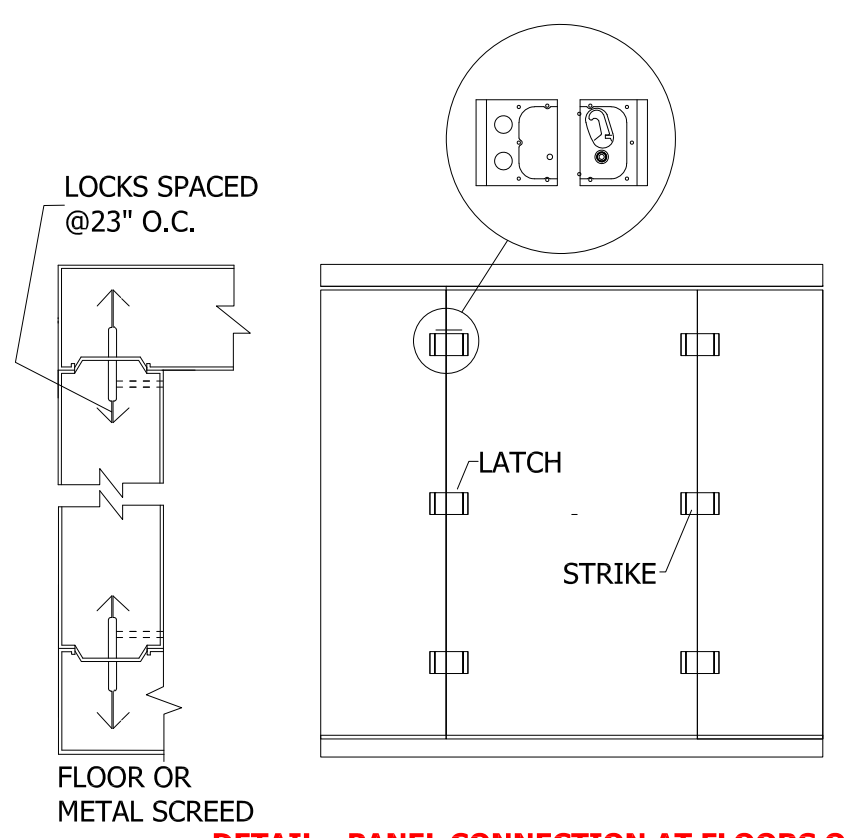
| DOOR ELECTRICAL INFORMATION | | | | |
|---|-----|------|-----|----------|
| DESCRIPTION | QTY | VOLT | AMP | AMP LOAD |
| HEATER WIRE | 1 | 115 | 0.2 | 0.2 |
| LED LIGHT | 1 | 115 | 0.1 | 0.1 |
| 115 VOLT, SINGLE PHASE, 60 Hz, TOTAL DOOR AMPS: | | | | |
| | | | | 0.3 |



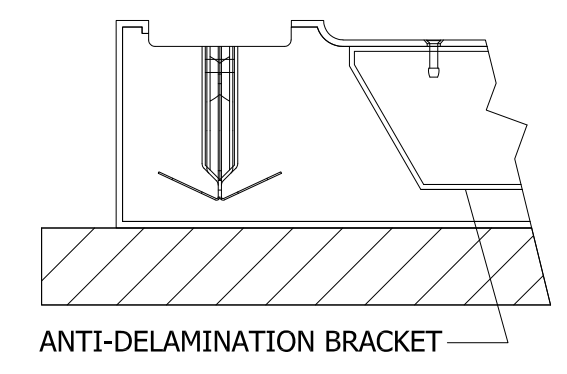
1 DETAIL - 4IN FLOOR-RAMP
Scale: N.T.S.



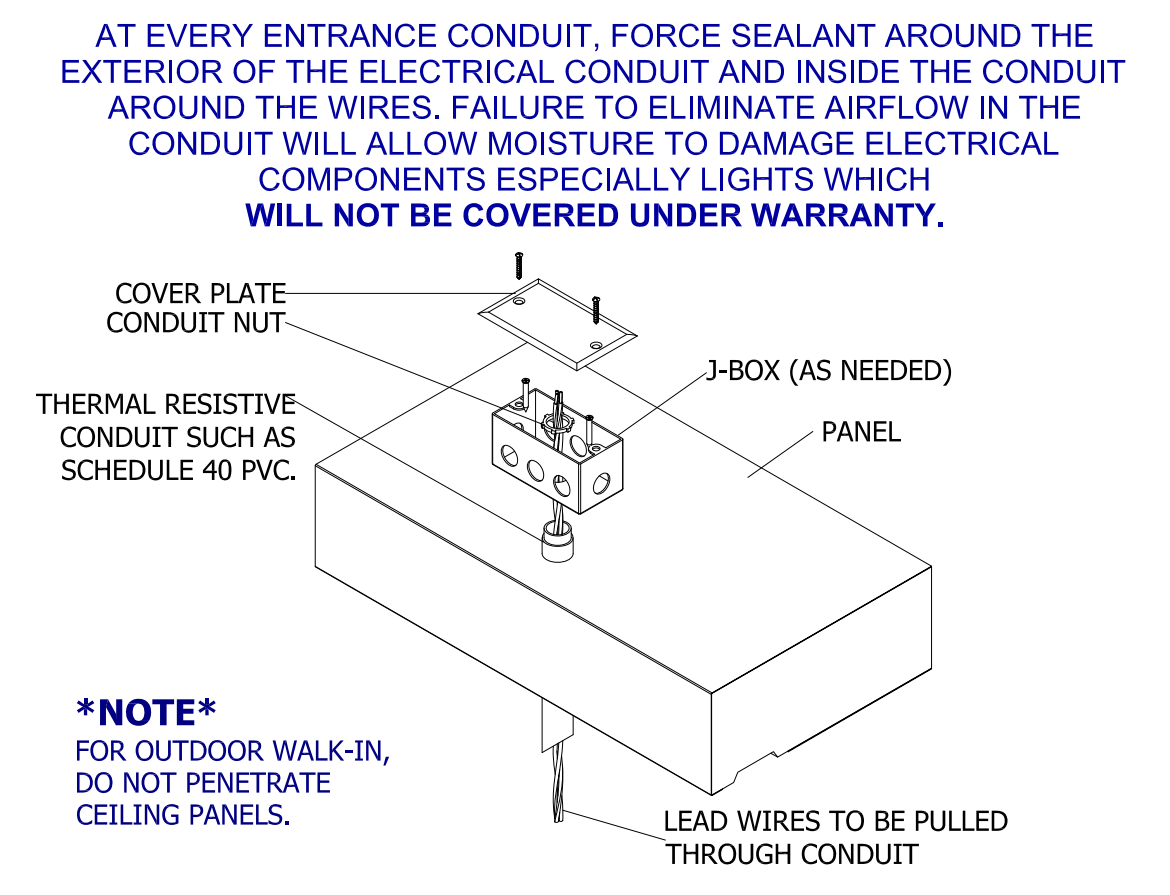
2 DETAIL - SUPER CEILING
Scale: N.T.S.



3 DETAIL - PANEL CONNECTION AT FLOORS OR METAL SCREEDS
Scale: N.T.S.



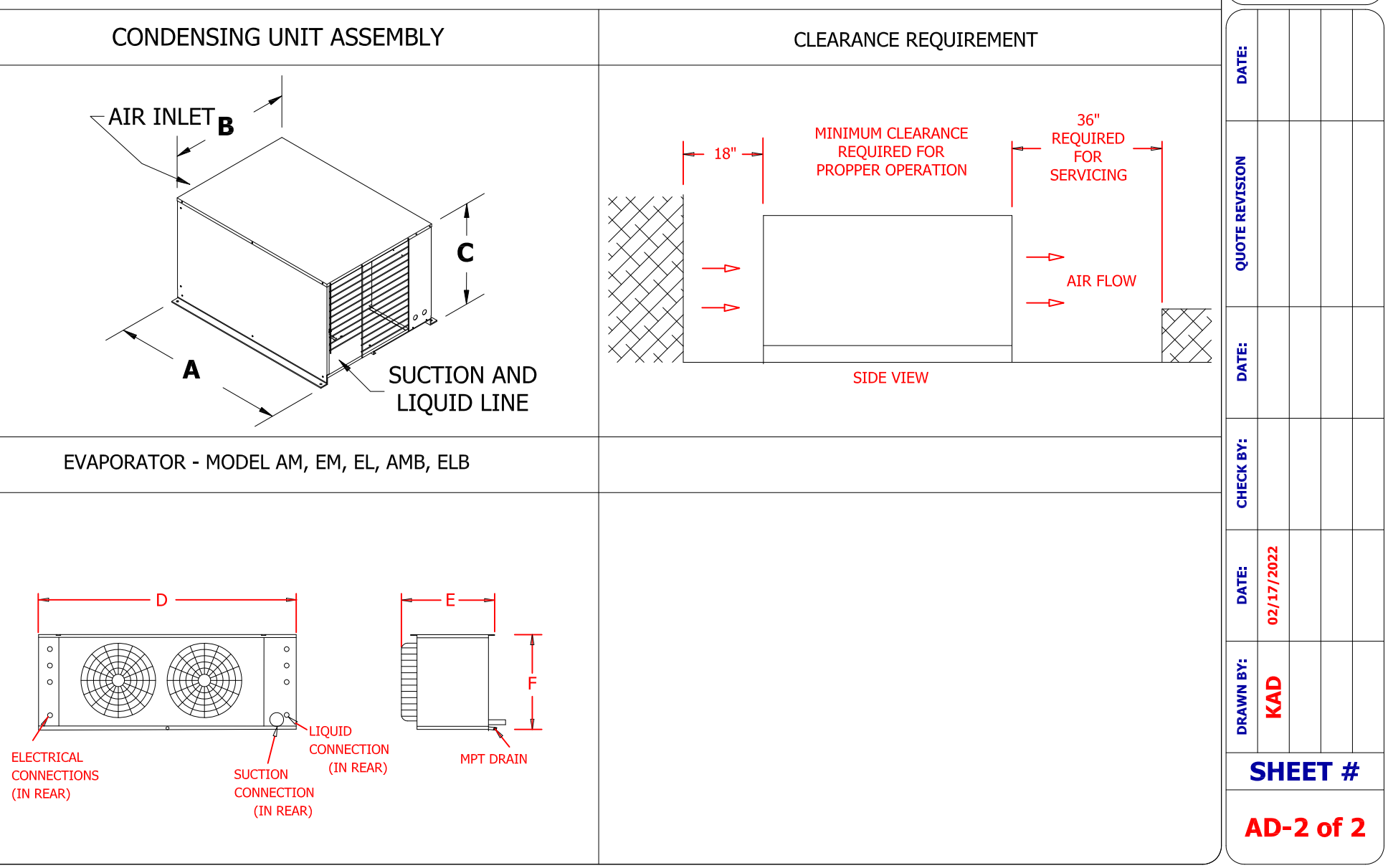
4 DETAIL - FOOT-LIGHT ROLLING CART FLOOR CONSTRUCTION
Scale: N.T.S.



5 DETAIL - ELECTRICAL CONDUIT PENETRATION
Scale: N.T.S.

| COMPARTMENT | | CONDENSING UNIT | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------|-----------------|-------------|-----------------|------------|-------|-------|------------|-----|-----|-------------------|------|---------|------------|-------------|------------------|---------|--------------------------|-----|----|------|-----|-----|
| DESCRIPTION | TEMP F | QTY | MODEL# | COMPRESSOR TYPE | DIMENSIONS | | | COMPRESSOR | | | CONDENSER FAN MTR | | | TOTAL AMPS | MX AMP DISC | CONNECTIONS O.D. | | RCV CAP @ 90% FULL (lbs) | | | | | |
| | WI | | | | L (A) | W (B) | H (C) | LBS | HP | RLA | LRA | V | HZ | | | Φ | FLA | | V | Φ | SUCT | LIQ | |
| C01 CLR | 35 | 1 | KPC49MOP-2E | R404A | HERMETIC | 33 | 25.5 | 19.25 | 152 | 1/2 | 5.1 | 26.5 | 208-230 | 60 | 1 | 0.5 | 208-230 | 1 | 5.7 | 15 | 5/8 | 3/8 | 5.8 |

| COMPARTMENT | | UNIT COOLER | | | | | | | | | | | | | | |
|-------------|--------|-------------|-------------------------------------|------------|--------|-------|-------|------------|--------|------------|------------------|-----|------|-----|-------|-----|
| DESCRIPTION | TEMP F | QTY | MODEL # (DEFROST: A-AIR E-ELECTRIC) | DIMENSIONS | | | FAN | | HEATER | | CONNECTIONS O.D. | | | | | |
| | WI | | | L (D) | W (E) | H (F) | LBS | TOTAL AMPS | V | TOTAL AMPS | V | Φ | SUCT | LIQ | DRAIN | |
| C01 CLR | 35 | 1 | KAM16-052-1EC-PR-4 | R404A | 27.125 | 15.5 | 16.75 | 44 | 0.8 | 115 | 0 | N/A | 0 | 5/8 | 3/8 | 3/4 |



DRAWING #: A211740R3
UNIT #: 001
ORDER #:

KOLPAK
A Welbilt Brand

OAK HOUSE
PITTSBURGH, PA 15213 USA

EDWARD DON DALLAS TX

| | | |
|---------------|------------------|------------------|
| DATE: | DATE: | DATE: |
| CHECK BY: | CHECK BY: | CHECK BY: |
| DRAWN BY: KAD | DATE: 02/17/2022 | DATE: 02/17/2022 |
| SHEET # | | |
| AD-2 of 2 | | |

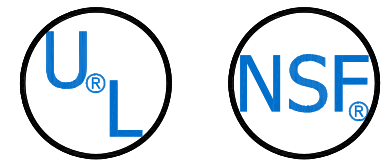
| | | |
|-----------------------|------------|------|
| OWNER'S REVISIONS | 02.18.2022 | |
| EQUIPMENT REVISIONS | 03.03.2022 | |
| UPDATED HOOD DRAWINGS | 04.05.2022 | |
| ICE MAKER REVISION | 04.14.2022 | |
| ISSUED FOR PERMIT | 09.27.2024 | |
| NO. | REVISION | DATE |

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

FOODSERVICE EQUIPMENT
WALK-IN DRAWING

| |
|------------------|
| APPROVED: |
| DATE: |
| DESIGNED BY: JGC |
| DRAWN BY: JGC |
| SCALE: |
| N.T.S. |
| DATE: 02.07.2020 |
| JOB NO: |

WALK-IN SPECIFICATIONS



SIZE: 11'-0" x 8'-0" x 8'-6 1/4"

PANELS:

FOAMED IN PLACE URETHANE FOAM 4"

EXTERIOR FINISH:

WALL: GALVALUME - EMBOSSED 26 GA - EXCEPT WHERE NOTED
TOP: GALVALUME - EMBOSSED 26 GA

INTERIOR FINISH:

WALL: GALVALUME - EMBOSSED WHITE 26 GA
TOP: GALVALUME - EMBOSSED WHITE 26 GA

FLOOR TYPE:

COOLER: STANDARD 1000# ERA
ALUMINUM - SMOOTH .100

DOORS:

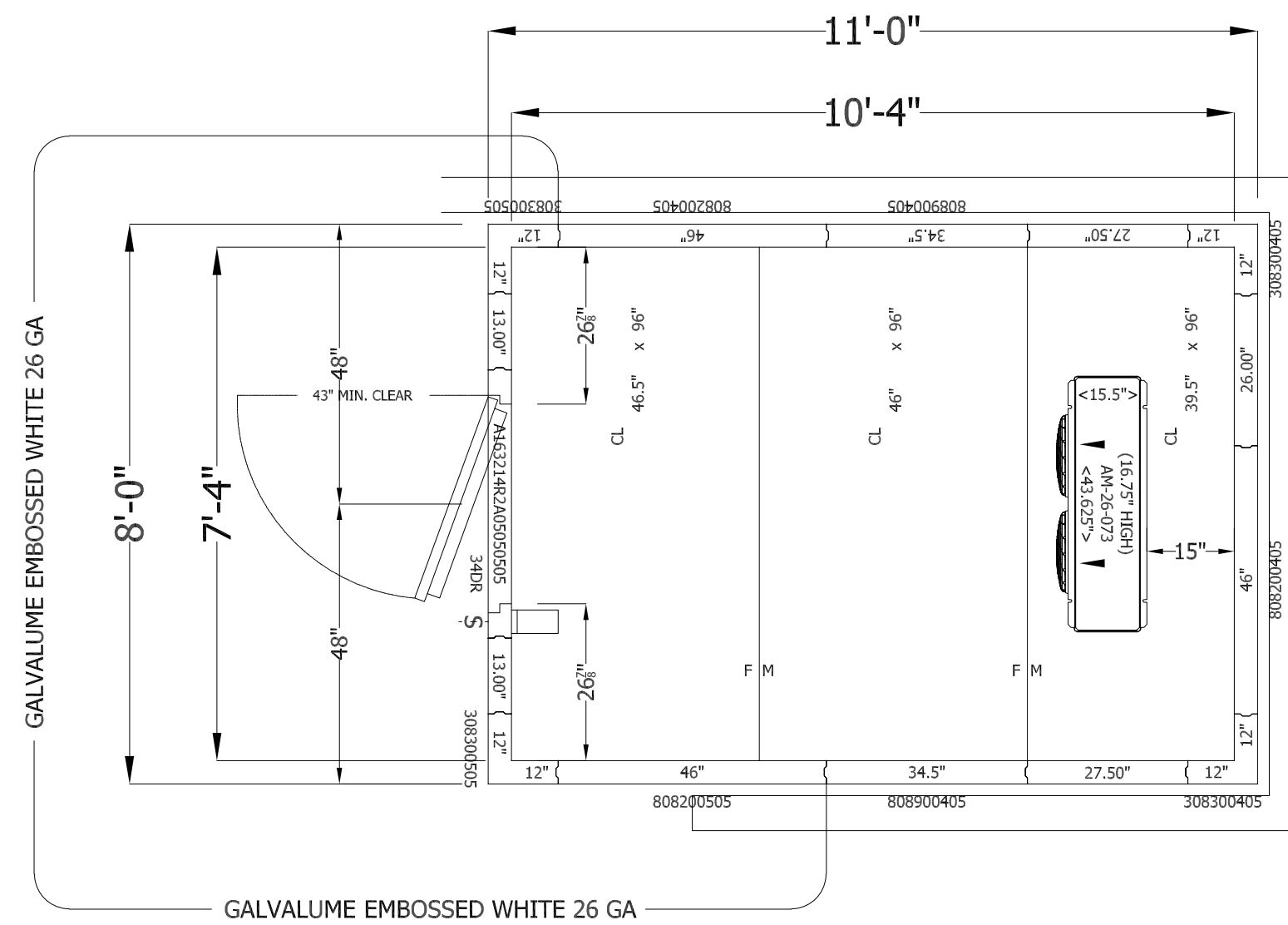
DOOR A163214R2A05050505
46x94.25DS 34x78 DR LH RMP CLR
FRAME=26GW/26GW PLUG=26GW/26GW
115-60-1/1.7 AMPS

ACCESSORIES:

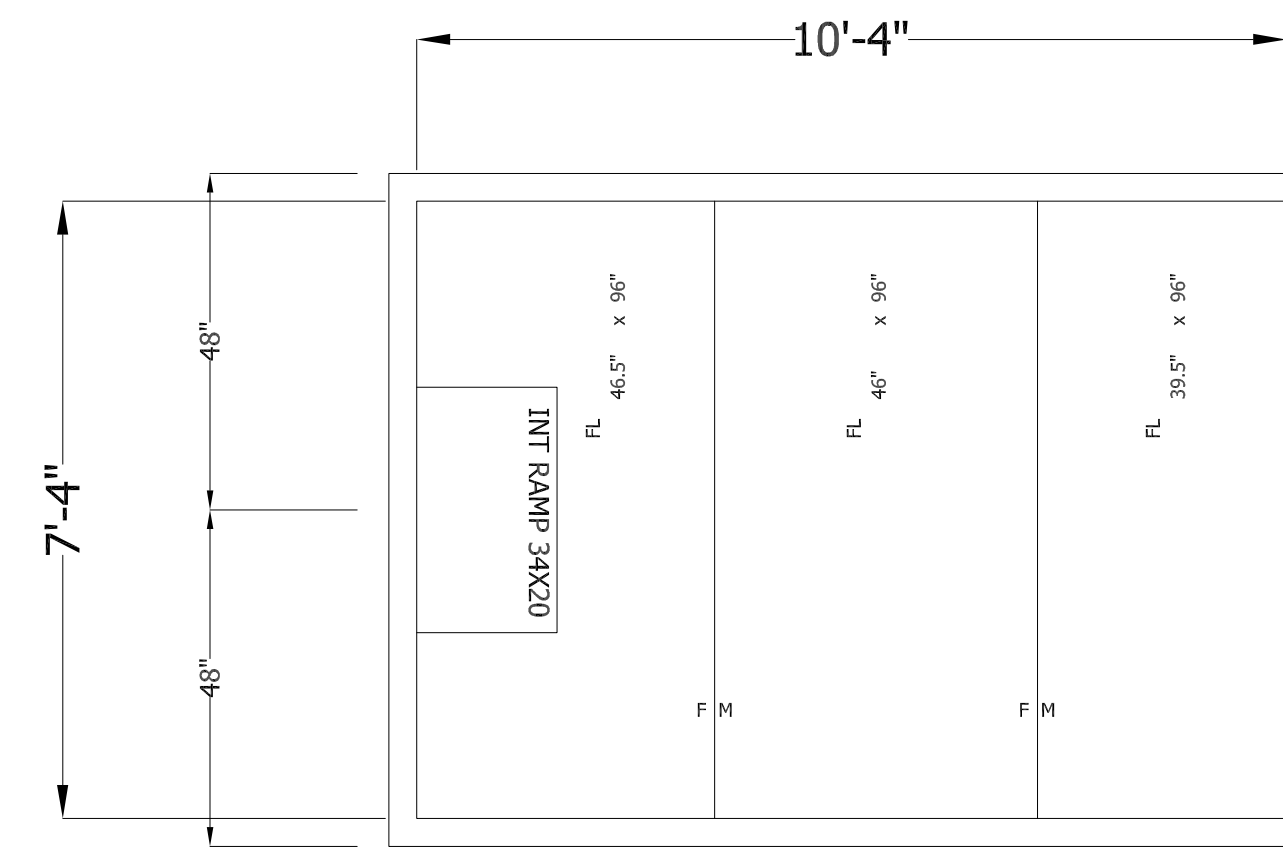
- (1) HANDLE - KASON 28 WITH LOCKING ASSEMBLY (STD)
- (1) DOOR CLOSER - KASON 1098 W/COVER & HOOK (STD)
- (1) THERMOMETER - 2" DIAL WITH 6" LEAD (STD)
- (1) SWITCH - PILOT LIGHT INCLUDED UL (STD)
- (2) HINGE - KASON 1345 ADJUSTABLE/SPRING ASSISTED (STD)
- (1) RAMP - INTERIOR 34x20
- (1) THRESHOLD, STAINLESS STEEL 14 GA
- (1) HEATER WIRE 1 WATT/FT
- (1) LIGHT FIXTURE - KASON 1803 LED W/BULB, GLOBE & NIGHTLIGHT 120V (STD)
- (1) LIGHT FIXTURE - KASON 1810 LED 48" 120/230V 50/60HZ (DIODE STRIPS)
- (1) KICKPLATE, ALUM .063 DIAMOND TREAD 36" HIGH DR EXT
- (1) KICKPLATE, ALUM .063 DIAMOND TREAD 36" HIGH DR INT
- (1) KICKPLATE, ALUM .063 DIAMOND TREAD 36" HIGH FRAME EXT
- (1) KICKPLATE, ALUM .063 DIAMOND TREAD 36" HIGH FRAME INT

REFRIG: AIR COOLED / PRE-CHARGED SYSTEM

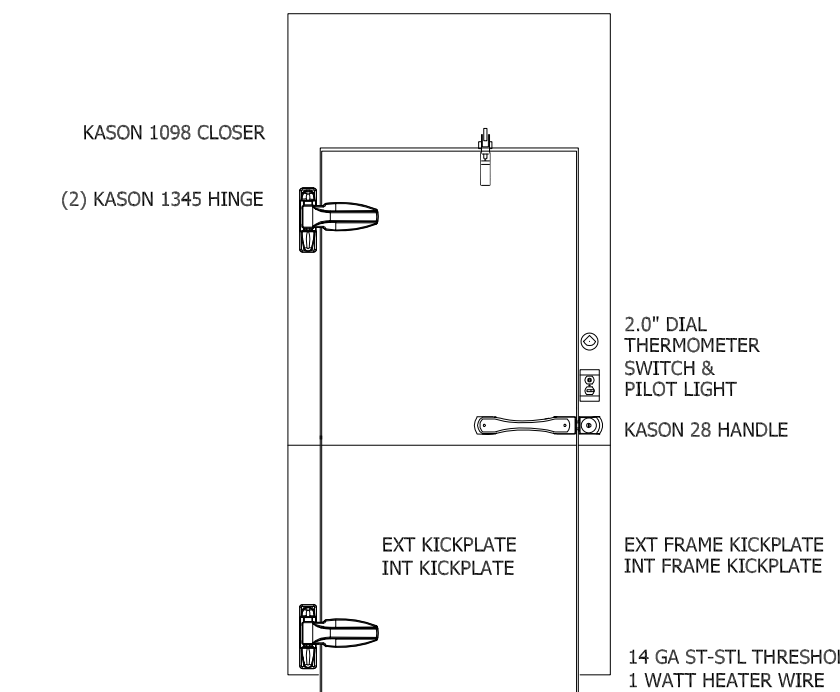
HERMETIC
KPC69MOP-2E 3/4hp R-404A 208/230-60-1 7.4 AMPS
L=33",W=25 1/2",H=19 1/4",LBS.=151
KAM26-073-1EC-PR-4 EVAPORATOR 115-60-1 1.6 AMPS
L=43.625",W=15.5",H=16.75",LBS.=52
OUTDOOR PACKAGE



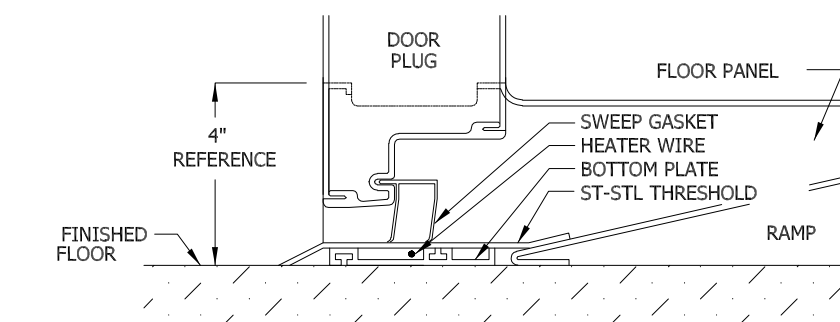
COOLER
OD: 8'-6 1/4"
ID: 7'-10 5/8"



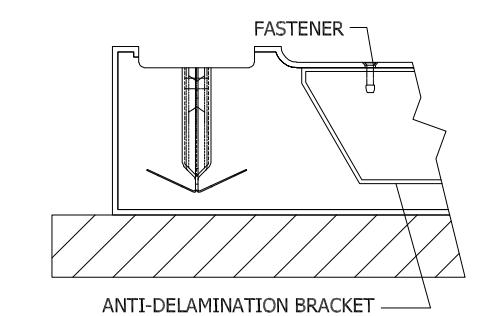
4" FLOOR PANEL LAYOUT



DOOR A163214R2A05050505
THRESHOLD DETAIL 25

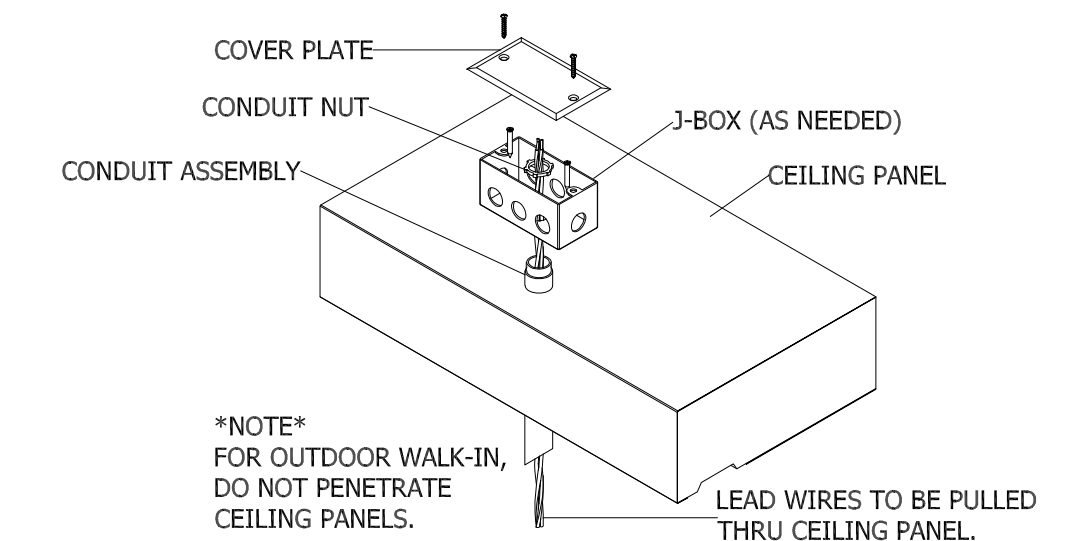


INTERIOR RAMP
COOLER OR FREEZER
DETAIL 25



ERA ANTI-DELAMINATING DETAIL

AT EVERY ENTRANCE CONDUIT, FORCE SEALANT AROUND THE EXTERIOR OF THE ELECTRICAL CONDUIT AND INSIDE THE CONDUIT AROUND THE WIRES. FAILURE TO ELIMINATE AIRFLOW IN THE CONDUIT WILL ALLOW MOISTURE TO DAMAGE ELECTRICAL COMPONENTS ESPECIALLY LIGHTS WHICH WILL NOT BE COVERED UNDER WARRANTY.



PANEL PENETRATION DETAIL

| COMPARTMENT | | CONDENSING UNIT | | | | | | | | | | | | | | | | | | | | | |
|-------------|--------|-----------------|-----|-------------|-----------------|------------|-------|-------|-----|------------|-----|------|---------|-------------------|---|-----|---------|------------|-------------|------------------|------|--------------------------|-----|
| DESCRIPTION | TEMP F | WI | QTY | MODEL# | COMPRESSOR TYPE | DIMENSIONS | | | | COMPRESSOR | | | | CONDENSER FAN MTR | | | | TOTAL AMPS | MX AMP DISC | CONNECTIONS O.D. | | RCV CAP @ 90% FULL (lbs) | |
| | | | | | | L (A) | W (B) | H (C) | LBS | HP | RLA | LRA | V | HZ | Φ | FLA | V | | | Φ | SUCT | | LIQ |
| COOLER | 35 | | 1 | KPC69MOP-2E | HERMETIC | 33 | 25.5 | 19.25 | 151 | 3/4 | 6.8 | 33.7 | 208-230 | 60 | 1 | 0.5 | 208-230 | 1 | 7.4 | 15 | 5/8 | 3/8 | 5.8 |

| COMPARTMENT | | UNIT COOLER | | | | | | | | | | | | | | | | | |
|-------------|--------|-------------|-----|-------------------------------------|------------|-------|-------|-----|------------|-----|------------|-----|------------------|------|-----|-------|--|--|--|
| DESCRIPTION | TEMP F | WI | QTY | MODEL # (DEFROST: A-AIR E-ELECTRIC) | DIMENSIONS | | | | FAN | | HEATER | | CONNECTIONS O.D. | | | | | | |
| | | | | | L (D) | W (E) | H (F) | LBS | TOTAL AMPS | V | TOTAL AMPS | V | Φ | SUCT | LIQ | DRAIN | | | |
| COOLER | 35 | | 1 | KAM26-073-1EC-PR-4 | 43.625 | 15.5 | 16.75 | 52 | 1.6 | 115 | 0 | N/A | 0 | 5/8 | 3/8 | 3/4 | | | |

ATTENTION

1. SUBMITTAL DRAWING NOT INTENDED FOR INSTALLATION. AS-BUILT DRAWING FOR INSTALLATION WILL BE AVAILABLE AFTER ORDER IS PLACED. HARD COPY OF AS-BUILT DRAWING WILL BE IN HARDWARE BOX WITH WALK-IN SHIPMENT TO JOBSITE.
2. ALL WALK-INS ARE DESIGNED FOR INDOOR APPLICATION UNLESS NOTED OTHERWISE
3. PENETRATIONS AND SEALING OF ARE THE RESPONSIBILITY OF OTHERS
4. ALLOW 2" MINIMUM CLEARANCE WITH AIRFLOW OF 5 CFM PER 100 SQ FT AROUND ENTIRE PANEL SURFACES. INDOOR WALK-INS REQUIRE A 75°F AMBIENT AND 55% RELATIVE HUMIDITY OR LESS AROUND THE EXTERIOR OF THE WALK-IN.
5. GENERAL CONTRACTOR TO REFER TO DESIGN AND SPECIFICATION MANUAL FOR FLOOR DETAIL INFORMATION
6. QUARRY TILE OR CONCRETE FLOOR APPLICATIONS: METAL PANEL FINISHES MAY BE SUSCEPTIBLE TO STAINING DUE TO EXCESSIVE MOISTURE CREATED BY THE HYDRATION OF CONCRETE TYPE MATERIALS. IT IS ABSOLUTELY NECESSARY THAT EACH ROOM BE PROPERLY VENTILATED. SPECIAL PRECAUTIONS MUST ALSO BE TAKEN WHEN USING MURIATIC ACID DUE TO EFFECTS HYDROCHLORIC FUMES HAVE ON METAL MATERIALS
7. PANEL LAYOUT MAY CHANGE BASED ON OPTIMAL MANUFACTURING STANDARDS.
8. WALK-IN TOP IS NOT DESIGNED FOR FOOT TRAFFIC, STORAGE, OR CONDENSING UNIT MOUNTING UNLESS NOTED OTHERWISE.
9. IF CONDENSING UNIT IS LOCATED IN THE INTERIOR OF BUILDING A MINIMUM OF 24" OF CLEARANCE IS REQUIRED AROUND TOP AND SIDES
10. FLOOR, CURB, AND FIT DETAILS ARE FOR GENERAL REFERENCE ONLY. THESE DRAWINGS SHOULD NOT BE USED OR INCORPORATED IN THE DESIGN OR PREPARATION OF THE INSULATED FLOOR, SUB-SLAB OR CURBS, WITHOUT HAVING THE DESIGN REVIEWED BY A QUALIFIED ENGINEER. ALL FOOTINGS, FOUNDATION WALLS AND CONCRETE WEAR SLABS ARE THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT.
11. THE FOAM PLASTIC USED IN THIS PRODUCT COMPLIES TO THE IBC SECTION 2603 AS FOLLOWS: FLAME SPREAD RATING: 20; SMOKE DEVELOPED RATING: 450; FLASH IGNITION TEMPERATURE RATING: 915°F; SPONTANEOUS IGNITION TEMPERATURE RATING: 950°F.
12. R-VALUES MEET DOE REQUIREMENTS AND ARE ASTM C518 TESTED. COOLER R-VALUES ARE R-29 FOR 4" THICK, R-36 FOR 5" THICK, AND R-44 FOR 6" THICK PANELS. FREEZER R-VALUES ARE R-32 FOR 4" THICK, R-40 FOR 5" THICK, R-48 FOR 6" THICK PANELS, AND R-29 FOR 4" FLOORS.
13. FLOORS NOT DESIGNED FOR WET MOPPING, PALLET JACKS, OR FORKLIFT TRAFFIC.

FOR APPROVAL
YOU MUST REVIEW ALL NOTES, DETAILS, DIMENSIONS, FINISHES, DOORS SIZES, LOCATIONS AND SWINGS

- APPROVAL**- NO CHANGE REQUIRED, MANUFACTURE AS DRAWN.
- APPROVED AS NOTED**- MAKE REQUIRED CHANGES AND MANUFACTURE AS DRAWN.
- NOT APPROVED**- DESIGN CHANGES REQUIRE DRAWING REVISION AND RESUBMISSION.

DATE: _____ BY: _____

SMOOTH FINISH DISCLAIMER

Panels with non-textured and/or no-profile panel finishes (smooth finishes) on the exterior and interior faces may exhibit "oil canning" and flatness imperfections on the surface. Our standard panels have a stucco embossed texture on both faces that helps to reduce oil canning and any other irregularities in the exposed surface. Please be aware of this potential situation in your specification process. Such "oil canning" and flatness issues are typical and are not covered under standard warranties.



Notice

- Kolpak and Harford walk-ins are compliant with UL standards.
- Door panels are UL471, UL file listing E46140.
 - Standard Evaporator coils are UL412.
 - Condensing Units are UL1995.

QUOTE #: A163214R2
DRAWING #: A163214R2



FIRST FLOOR COOLER

MYERS RESTAURANT
SUPPLY INC

| DATE | REVISION | DATE | REVISION |
|------------|--------------------|------------|---------------------|
| 02.18.2022 | OWNER'S REVISIONS | 09.09.2022 | EQUIPMENT REVISIONS |
| 04.06.2022 | ICE MAKER REVISION | 09.27.2024 | ISSUED FOR PERMIT |
| | | | |
| | | | |

SHEET #
1 of 1



| NO. | REVISION | DATE |
|-----|----------|------|
| | | |
| | | |

OAK HOUSE
5130 BIGELOW BLVD
PITTSBURGH, PA 15213

FOODSERVICE EQUIPMENT
WALK-IN DRAWING

APPROVED: _____
DATE: _____
DESIGNED BY: JGC
DRAWN BY: JGC
SCALE: N.T.S.
DATE: 02.07.2020
JOB NO.:

SHEET
FS-7.2