

PERMIT SET

ADDITION AND RENOVATION TO PLEASANT VALLEY COUNTRY CLUBHOUSE

CLUBHOUSE
1 PLEASANT VALLEY DRIVE
LITTLE ROCK, ARKANSAS 72212

REVISIONS

PROJECT NO. 21075
DATE: June 21, 2023

KITCHEN DETAILS

M6.01-A

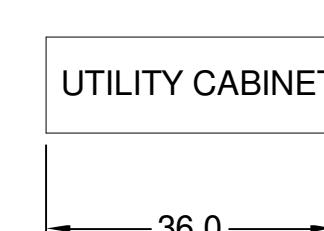
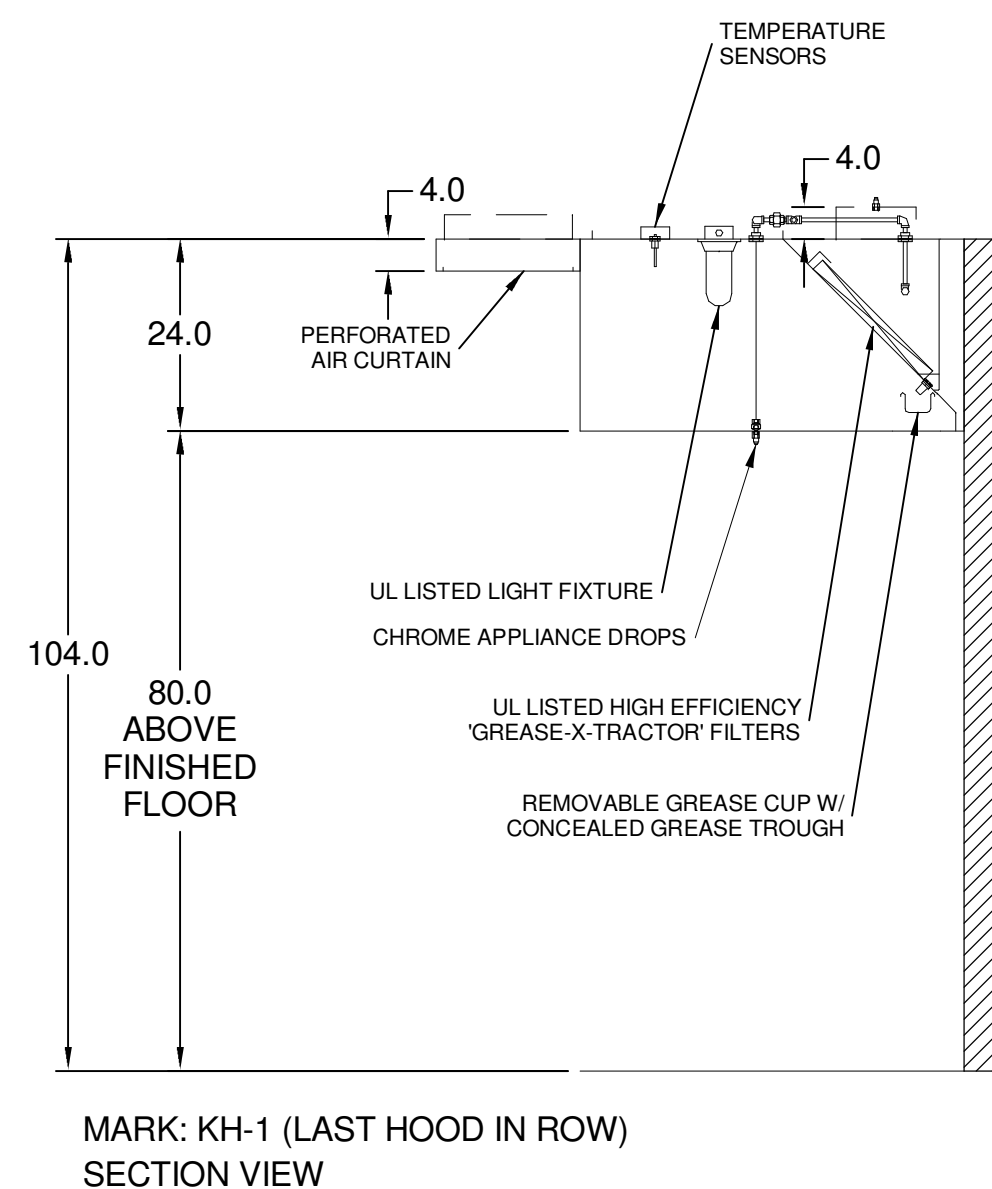
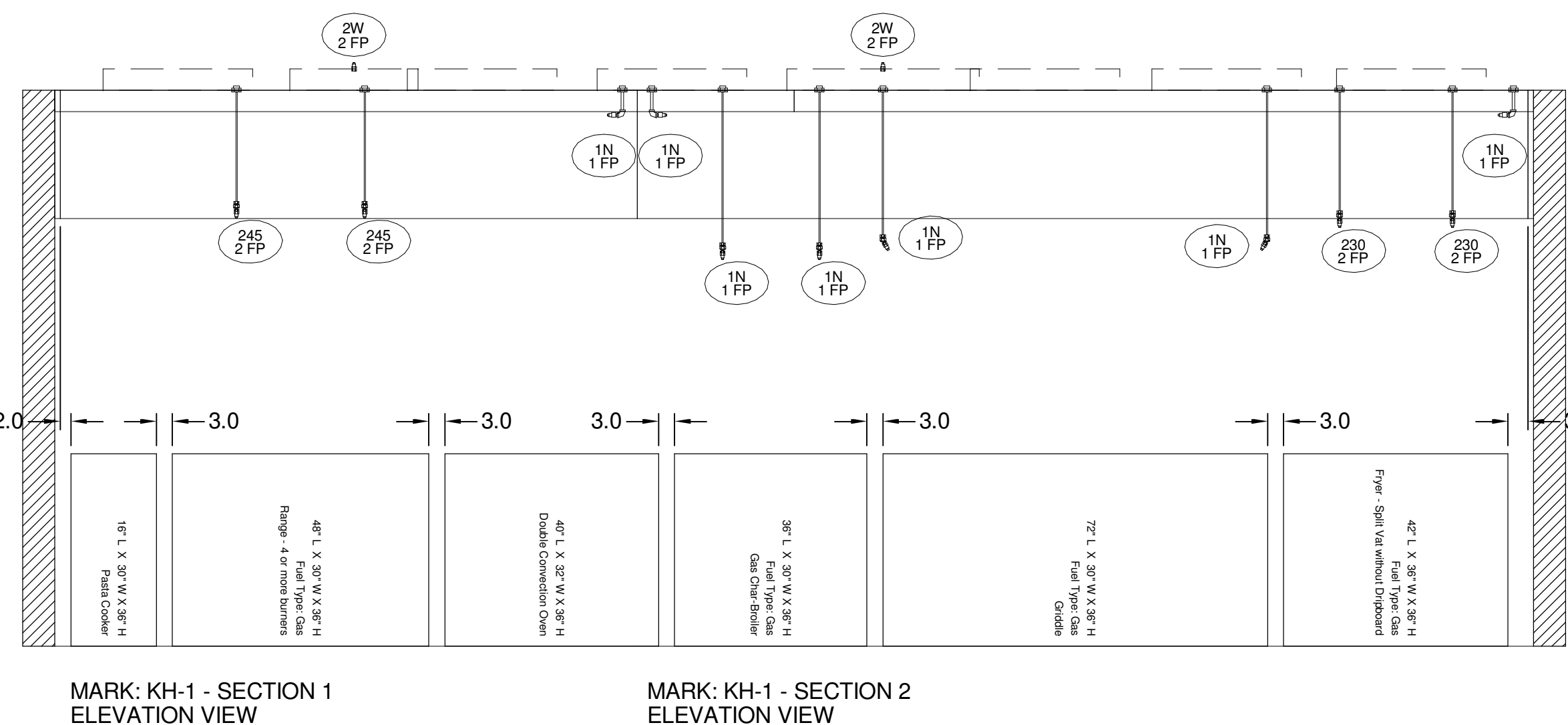
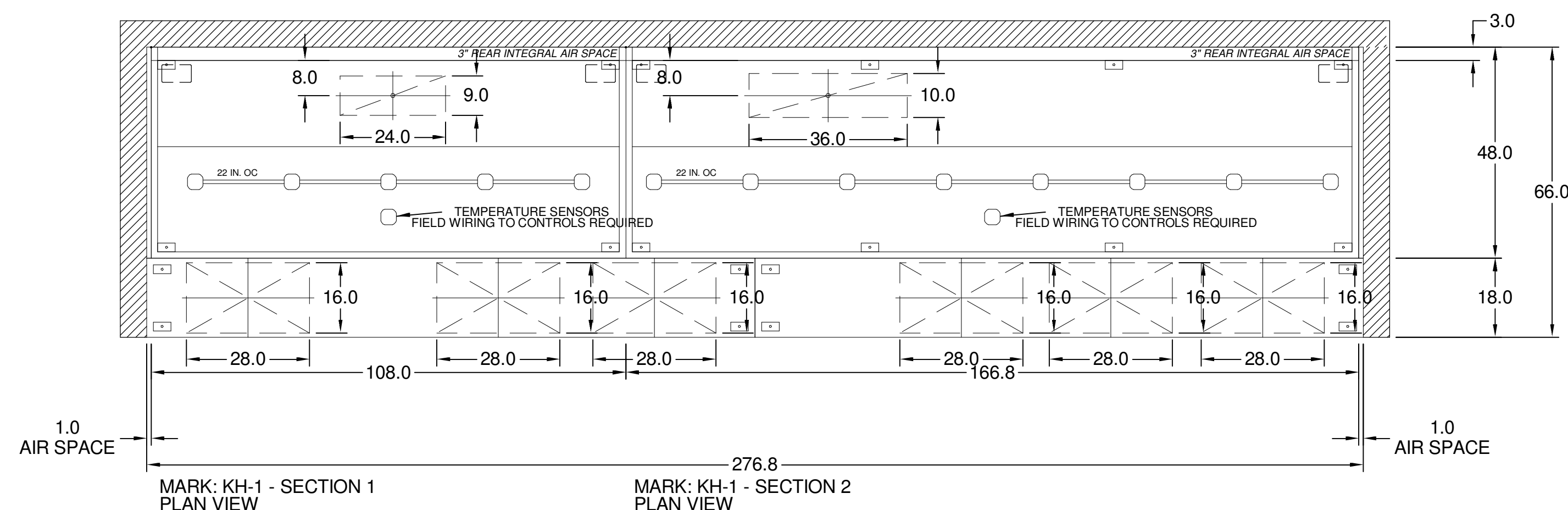
PROJECT 11/22/2022
MARK KH-1
PLEASANT VALLEY COUNTRY CLUB HOOD
AIRTECH CORPORATION
91 FORREST MOSELEY
FORREST@AIRTECHCORP.COM 9;
(501)280-0404
GREENHECK

| HOOD INFORMATION | | | | | | | | | | | | | | | | | |
|------------------|------|---------------|-----------------------|-------|--------|----------------------|----------------------------|-----------|-------------------|--------|------|------|--------|---------|-------------------|------------------|--------|
| HOOD NO. | MARK | MODEL | HOOD DIMENSIONS (IN.) | | | HOOD CONSTR. | COOKING LOAD / DUTY RATING | TOTAL CFM | EXHAUST COLLAR(S) | | | | SUPPLY | | TOTAL WEIGHT LBS. | SECTION LOCATION | |
| | | | LENGTH | WIDTH | HEIGHT | | | | WIDTH | LENGTH | DIA. | CFM | S.P. | MUA CFM | | | AC CFM |
| 1 | KH-1 | GXEW-108-S | 108 | 48 | 24 | 430 SS WHERE EXPOSED | HEAVY | 2475 | 9 | 24 | | 2475 | 0.721 | 2502 | | 285,931 | LEFT |
| 2 | KH-1 | GXEW-166.75-S | 166.75 | 48 | 24 | 430 SS WHERE EXPOSED | HEAVY | 3781 | 10 | 36 | | 3781 | 0.654 | 2502 | | 417,376 | RIGHT |

| HOOD INFORMATION | | | | | | | | | | | | | | |
|------------------|------|----------------------|----------------------------|-----|--------------|---------------------------|-----------------|-----|------------|--------------------|-------------|------------|-------|----------|
| HOOD NO. | MARK | LIGHTING DETAILS | | | | GREASE FILTRATION DETAILS | | | | UTILITY CABINET(S) | | | | |
| | | FIXTURE TYPE | BULB / LAMP INFO | QTY | FOOT CANDLES | TYPE / MODEL | MATERIAL | QTY | SIZE (IN.) | LOCATION | FIRE SYSTEM | SIZE | MODEL | CONTROLS |
| 1 | KH-1 | INCANDESCENT (GLOBE) | 100W A19 (BULBS NOT INCL.) | 5 | 48.13 | X-TRACTOR | STAINLESS STEEL | 3 | 16 | 20 | | | | |
| 2 | KH-1 | INCANDESCENT (GLOBE) | 100W A19 (BULBS NOT INCL.) | 8 | 53.89 | X-TRACTOR | STAINLESS STEEL | 8 | 16 | 20 | WALL | ANSUL R102 | 9 | |

| SUPPLY PLENUM INFORMATION | | | | | | | | | | | | | | | | | | |
|---------------------------|------|-------|------|------------|----|---|-----------|-----------|-----------------------|-----------|---------|----------|-----|----|----|------|------|------|
| HOOD NO. | MARK | POS. | TYPE | SIZE (IN.) | | | INSULATED | DAMPER(S) | LED LIGHT(S) SUPPLIED | TOTAL CFM | COLLARS | | | | | | | |
| | | | | L | W | H | | | | | TYPE | MOUNTING | QTY | W | L | DIA. | CFM | S.P. |
| 1 | KH-1 | FRONT | ASP | 138.38 | 18 | 4 | YES | YES | NO | 2502 | MUA | LOOSE | 3 | 16 | 28 | 834 | 0.22 | 268 |
| 2 | KH-1 | FRONT | ASP | 138.38 | 18 | 4 | YES | YES | NO | 2502 | MUA | LOOSE | 3 | 16 | 28 | 834 | 0.22 | 268 |

HOOD OPTIONS
UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #MH1726
BACK INTEGRAL AIR SPACE - 3 IN WIDE
LEFT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
RIGHT NON-INTEGRAL AIR SPACE - 1 IN THICK - ZERO CLEARANCE
CONTINUOUS CAPTURE
SHIPPED LOOSE EXHAUST COLLAR(S)
EXHAUST AIR BALANCING BAFFLE(S) - (EABB)
WALL UTILITY CABINET 24 IN HIGH 36 IN LONG 12 IN WIDE
PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH

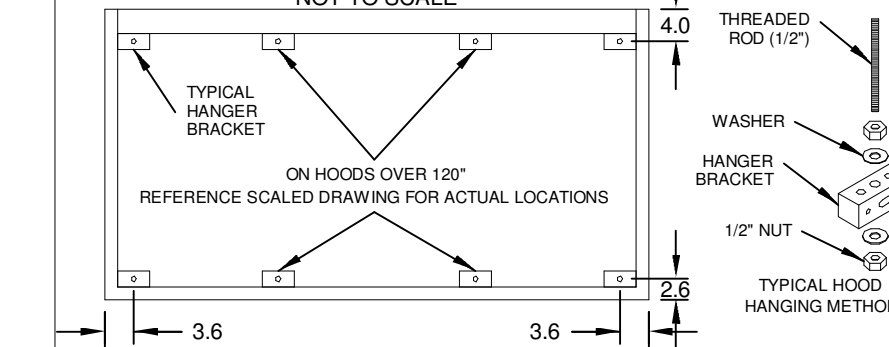
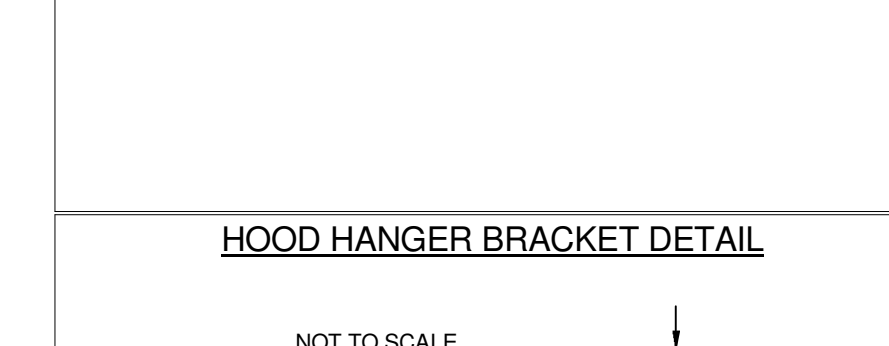
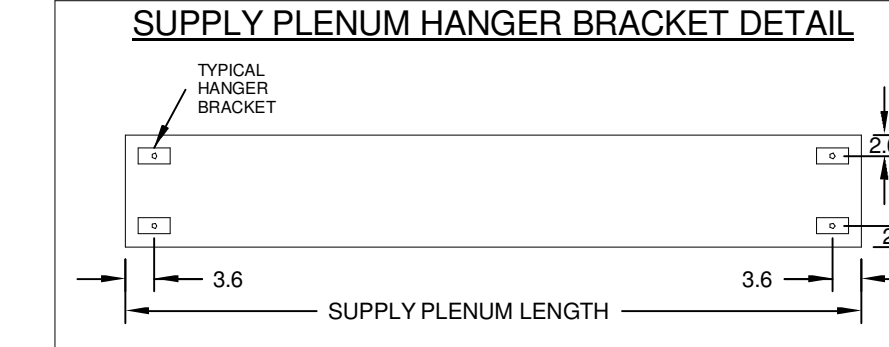
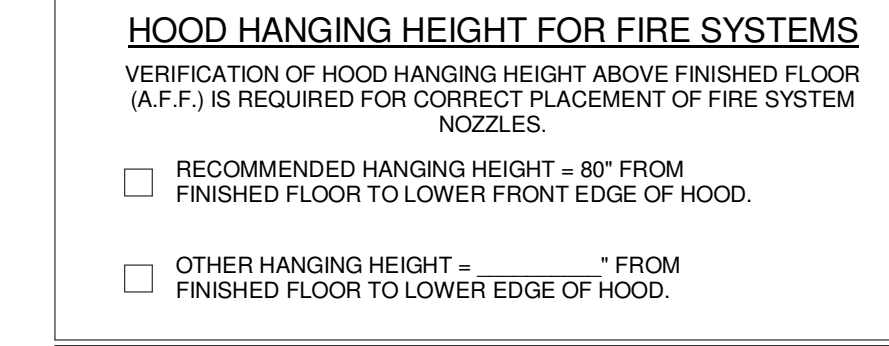
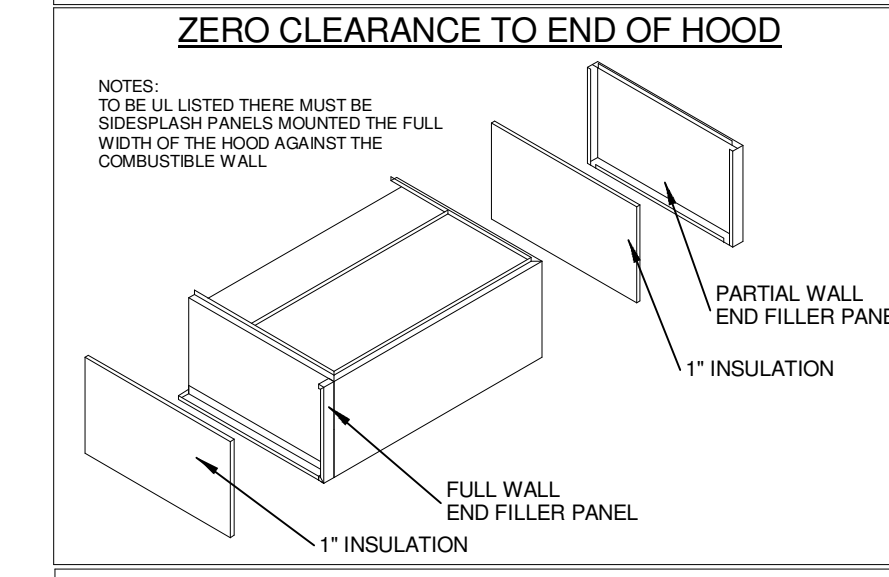
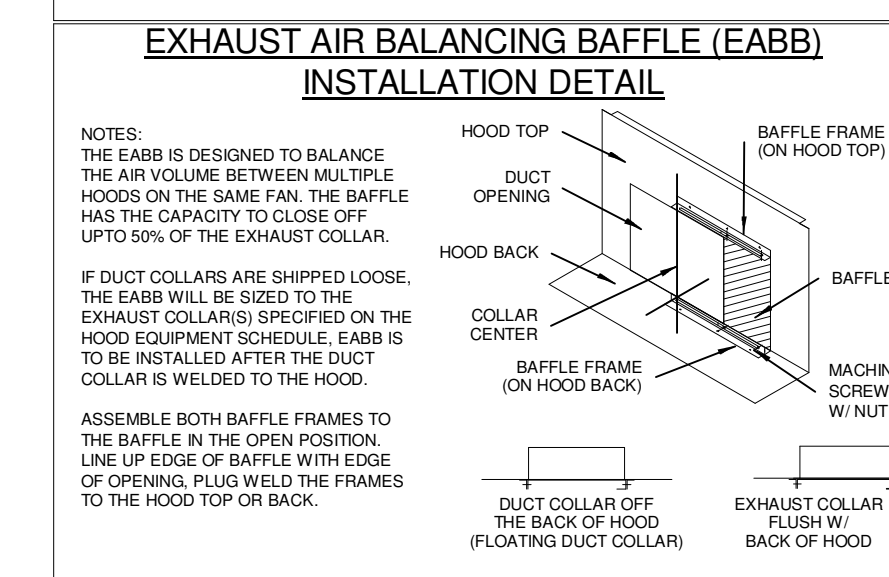
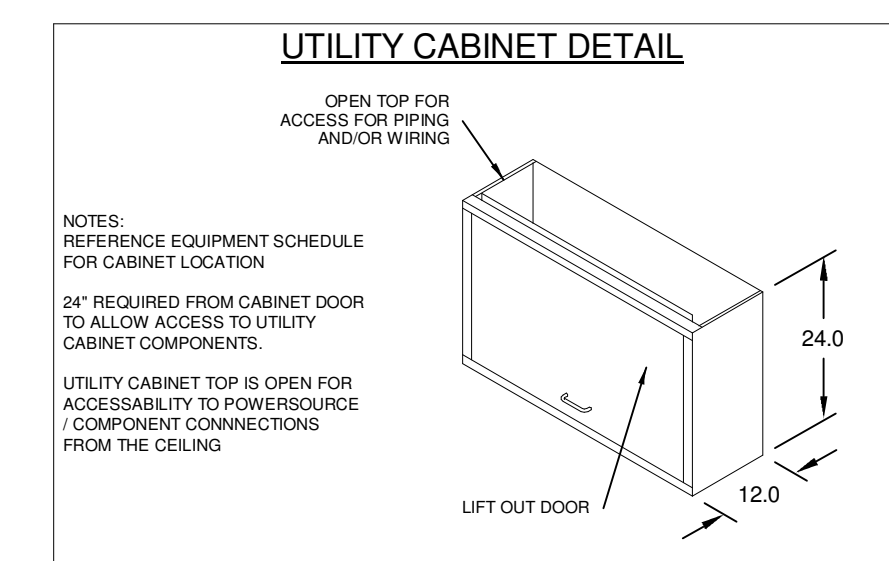


NOTE: ALL DUCTWORK CONNECTION COLLARS TO THE KITCHEN HOOD EQUIPMENT ARE TO BE SHIPPED LOOSE FOR FIELD INSTALLATION. MANUFACTURER TO PROVIDE A TEMPLATE FOR CONTRACTORS USE TO INDICATE WHERE ACCEPTABLE FIELD MODIFICATIONS MAY BE ACCOMPLISHED. FIELD INSTALLATION SHALL BE COORDINATED WITH MANUFACTURER PROVIDED TEMPLATE, EXISTING STRUCTURE, AND OWNER / ARCHITECT / ENGINEER / G.C. TO ACCOMPLISH FINAL INSTALLATION.

NOTE: FINAL HEIGHT OF INSULATED SUPPLY AIR PLENUMS TO BE FIELD COORDINATED WITH HOOD VENDOR AND EXISTING CONDITIONS PRIOR TO INSTALLATION.

NOTE: KH-1 & KH-2 SHALL BE CONNECTED IN FIELD TO COMMON CONTROL BOX AND ANSUL CABINET. COORDINATE ALL CONNECTION REQUIREMENTS WITH HOOD MANUFACTURER.

1 KH-1 DETAILS
NOT TO SCALE



NOTES:
REFERENCE EQUIPMENT SCHEDULE FOR CABINET LOCATION.
AS REQUIRED FROM CABINET DOOR TO ALLOW ACCESS TO UTILITY CABINET COMPONENTS.
UTILITY CABINET TOP IS OPEN FOR ACCESSIBILITY TO POWER/SOURCE / COMPONENT CONNECTIONS FROM THE CEILING.

NOTES:
THE EABB IS DESIGNED TO BALANCE THE AIR VOLUME BETWEEN MULTIPLE HOODS ON THE SAME FAH. THE BAFFLE HAS THE CAPACITY TO CLOSE OFF UP TO 50% OF THE EXHAUST COLLAR.
IF DUCT COLLARS ARE SHIPPED LOOSE, THE EABB WILL BE SEED TO THE EXHAUST COLLARS SPECIFIED ON THE HOOD EQUIPMENT SCHEDULE. LABEL IS TO BE INSTALLED AFTER THE DUCT COLLAR IS WELDED TO THE HOOD.
ASSEMBLE BOTH BAFFLE FRAMES TO THE BAFFLE IN THE OPEN POSITION. LINE UP EDGE OF BAFFLE WITH EDGE OF OPENING. ALSO WELD THE FRAMES TO THE HOOD TOP OR BACK.

NOTES:
TO BE UL LISTED THERE MUST BE INSULATION PANELS MEETING THE FULL WIDTH OF THE HOOD AGAINST THE COMBUSTIBLE WALL.

VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.
 RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.
 OTHER HANGING HEIGHT = " FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.

TYPICAL HANGER BRACKET
SUPPLY PLENUM LENGTH

NOT TO SCALE
TYPICAL HANGER BRACKET
HANGER BRACKET
1/2" NUT
TYPICAL HOOD HANGING METHOD

EXHAUST COLLAR FRAMES SHALL BE LOCATED TO CENTER OF DUCT CONNECTION.
ALL LISTED HOOD MANUFACTURERS SHALL BE RESPONSIBLE FOR FIELD VERIFYING WIRELESS DUCT CONNECTIONS TO UL LISTED HOODS.
EXHAUST DUCT CONNECTIONS TO BE A CONTINUOUS LEAK TIGHT FIT TO HOOD.