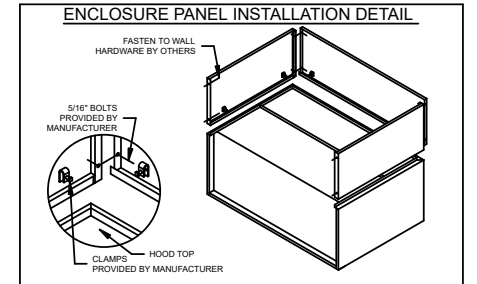
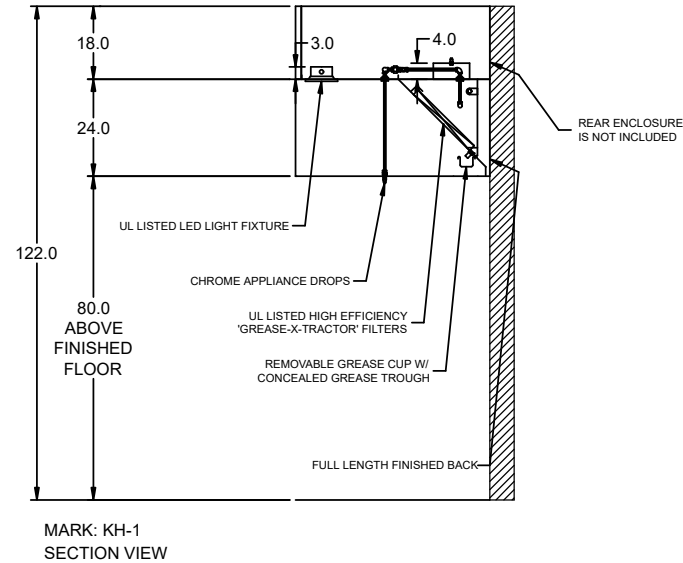
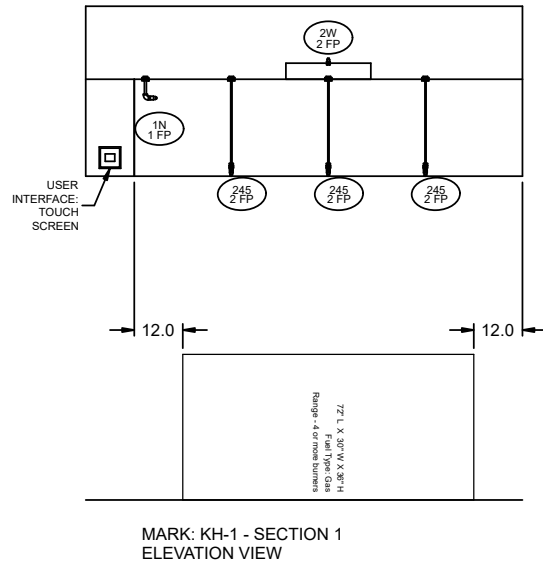
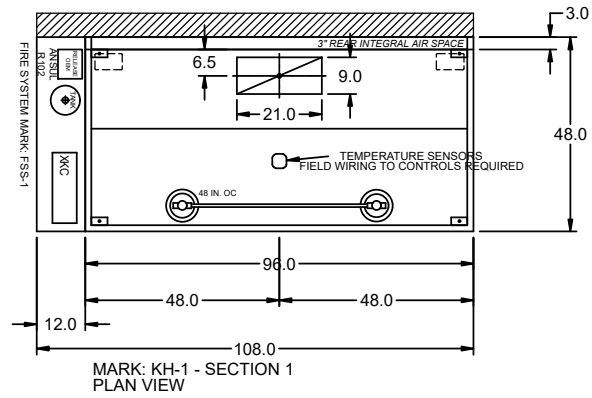


| HOOD INFORMATION | | | | | | | | | | | | | | | | | |
|------------------|------|-----------|-----------------------|-------|--------|-----------------------------|----------------------------|-----------|-----------|------|-----|---------|--------|--|-------------------|------------------|--------|
| HOOD NO. | MARK | MODEL | HOOD DIMENSIONS (IN.) | | | HOOD CONSTR. | COOKING LOAD / DUTY RATING | EXHAUST | | | | | SUPPLY | | TOTAL WEIGHT LBS. | SECTION LOCATION | |
| | | | LENGTH | WIDTH | HEIGHT | | | TOTAL CFM | COLLAR(S) | | | MUA CFM | AC CFM | | | | |
| | | | | | | | | WIDTH | LENGTH | DIA. | CFM | S.P. | | | | | |
| 1 | KH-1 | XXEW-96-S | 96 | 48 | 24 | 300 SERIES SS WHERE EXPOSED | HEAVY | 2160 | 9 | 21 | | 2160 | 0.705 | | | 256.818 | SINGLE |

| 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.) L H | LOCATION | FIRE SYSTEM | | CONTROLS | | |
| | | | | | | | | | TYPE | SIZE | MODEL | INTERFACE | |
| 1 | KH-1 | ROUND LED | 2 | 65 | X-TRACTOR STAINLESS STEEL | 6 0 | 16 20 | 20 | LEFT | ANSUL R102 | 3 | XKC | TOUCHSCREEN |

HOOD OPTIONS

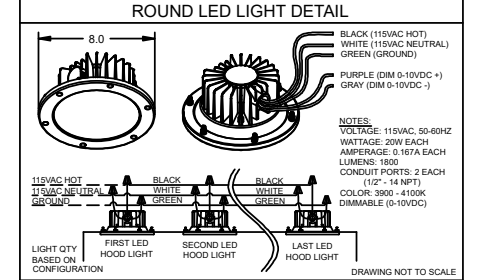
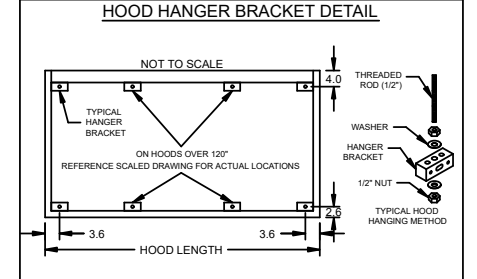
- UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
- BACK INTEGRAL AIR SPACE - 3 IN WIDE
- FINISHED BACK - FULL LENGTH
- 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
- FACTORY MOUNTED EXHAUST COLLAR(S)
- FILTER REMOVAL TOOL INCLUDED - QTY 1
- PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
- STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



HOOD HANGING HEIGHT FOR FIRE SYSTEMS

VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

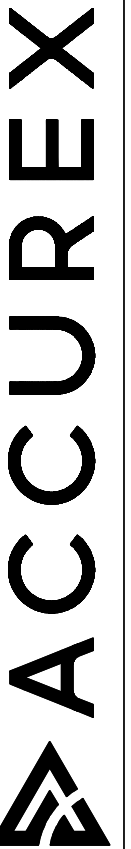
- RECOMMENDED HANGING HEIGHT = 90" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.
- OTHER HANGING HEIGHT = _____" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



PROJECT: 12/28/2021 F AND F EXPLORATION CENTER PLOVER R2

MARK

ACCUREX W/IA
PHILLIP KRAFT
BRAD.BORCHARDT@ACCUREX.COM
(262)227-7865




KH-1

CONTROL INFORMATION

| MARK | ELECTRICAL CONTROL PACKAGE | | USER INTERFACE | | FANS CONTROLLED | | | | | | | | | | | |
|---------|----------------------------|----------------------|------------------------|--------------------------------|-----------------|---------|-----|----------|------|------|----------|------------|-------|-------------|------------------------|--------------|
| | MODEL | LOCATION | TYPE | LOCATION | FAN # | TYPE | FAN | FAN MARK | ZONE | CFM | MOTOR HP | MOTOR VOLT | CYCLE | MOTOR PHASE | MOTOR STARTER IN PANEL | VFD IN PANEL |
| CTRLS-1 | XKC-DCV-S-11-1-1-0 | LEFT CABINET ON KH-1 | FULL COLOR TOUCHSCREEN | CABINET - LEFT CABINET ON KH-1 | 1 | EXHAUST | E1 | E | 1 | 1800 | 2 | 208 | 60 | 3 | NO | YES |
| | | | | | 2 | SUPPLY | S1 | MAU | 1 | 1800 | 2 | 208 | 60 | 3 | NO | NO |

CONTROL FEATURES

- HOOD LIGHT CONTROL
- TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
- DRY FIRE CONTACTS - QTY. 1
- LIGHTS OFF DURING FIRE
- EXHAUST MAX DURING FIRE
- SUPPLY OFF DURING FIRE



DOC NUMBER: --- REV: ---

CAUTION
UNIT MUST BE GROUNDED IN ACCORDANCE WITH N.E.C. POWER MUST BE OFF WHILE SERVICING.

ATTENTION
L'APPAREIL DOIT ÊTRE MIS À LA TERRE CONFORMÉMENT AU CODE C.E. L'ALIMENTATION DOIT ÊTRE COUPÉE DURANT L'ENTRETIEN.

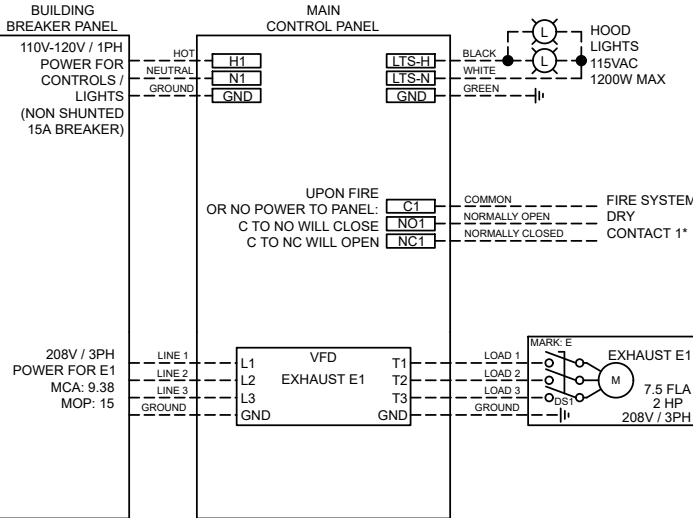
COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 110-240V, 1PHASE, 50-60HZ, 15A
BASE FILE #E200616, ML FILE #E313951

PRG VERSION: V4
FIELD WIRED (CÂBLÉ À L'USINE)
FACTORY WIRED (CÂBLÉ À L'USINE)

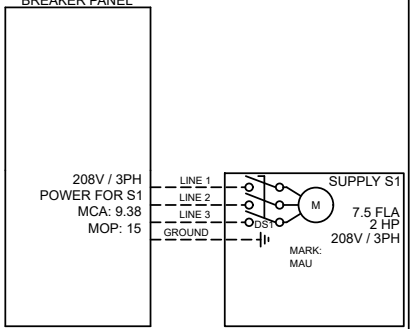
NE PAS RETIRER CES DESSINS DE CET ÉQUIPEMENT SAUF INDICATION CONTRAIRE. UTILISER DES CONDUCTEURS EN CUIVRE CLASSÉS 90 °C. SERRER LES BORNES DE COMMANDE ET DE MISE À LA TERRE À 8 LB-PO. SERRER LES COSSÉS/VIS D'ALIMENTATION AUX COUPLES INDICUÉS POUR LE COMPOSANT. SERRER LES BORNES À VIS DE LA CARTE DE COMMANDE À 3.5 LB-PO. LA RÉSISTANCE DU CÂBLAGE DE COMMANDE LOCAL NE DOIT PAS DÉPASSER 0.75 OHM. POUR PLUS D'INFORMATION, CONSULTER LE MANUEL OU APPELER 1-800-371-8858

WIRING DIAGRAM CODE: WDC#
JOB NAME: F AND F EXPLORATION CENTER PLOVER R2
MODEL: XKC-DCV-S-11-1-1-0
SERIAL NUMBER: WDSN#
MARK: CTRLS-1

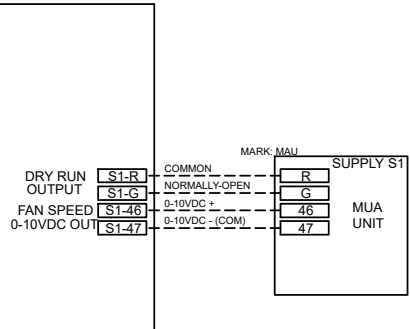
POWER WIRING FOR KITCHEN CONTROLS
(WIRING TO BE DONE BY ELECTRICIAN)



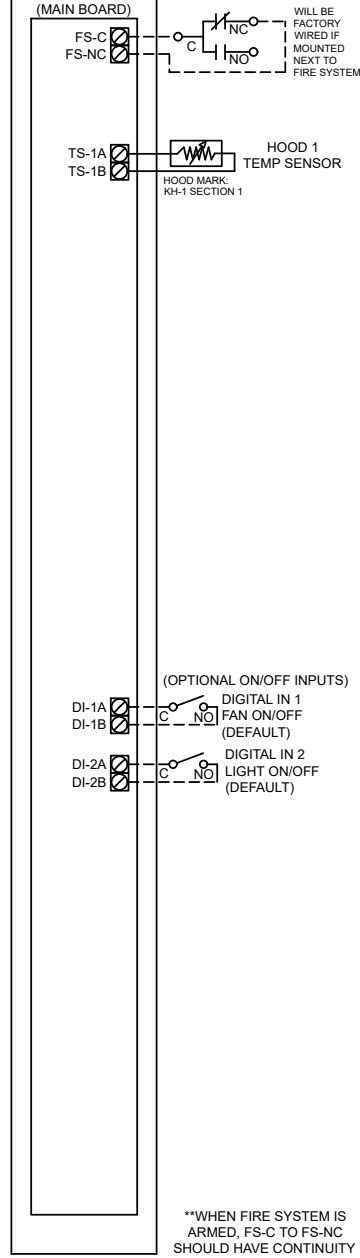
POWER WIRING FROM BREAKER PANEL DIRECT TO FANS
(WIRING TO BE DONE BY ELECTRICIAN)



CONTROL WIRING FOR KITCHEN CONTROLS
(WIRING TO BE DONE BY ELECTRICIAN, IF NO CONTROLS CONTRACTOR. USE 18-22GA WIRE UNLESS SPECIFIED.)

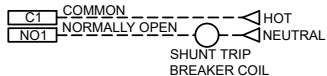


MAIN CONTROL PANEL (CONTINUED)

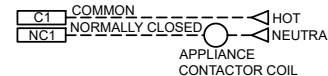


***FIRE SYSTEM DRY CONTACT WIRING EXAMPLES**

SHUNT TRIP (BY OTHERS)
WIRING EXAMPLE:

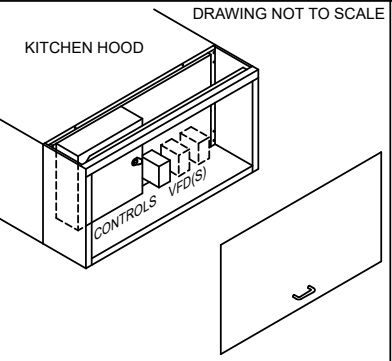


APPLIANCE CONTACTORS (BY OTHERS)
WIRING EXAMPLE:



CABINET DETAILS

DRAWING NOT TO SCALE



USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
UTILITY CABINET - LEFT END OF HOOD

USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
7FT (FACTORY PROVIDED)

MOUNTING LOCATION:
UTILITY CABINET ON HOOD
(INNER CONTROL BOX: 12 X 20 X 6)

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.
2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

| ZONE CONFIGURATION | | | | WIRING DIAGRAM CODE: WDC# | | | | | | | | | |
|---|---------|-----------|----------|--|---------|---------|------------|-------------|----------|----------|---------|---------|--|
| ZONE # | ZONE | ROOM TEMP | | JOB NAME: F AND F EXPLORATION CENTER PLOVER R2 | | | | | | | | | |
| 1 | Z1 | PRESET | | MODEL: XKC-DCV-S-11-1-1-0 | | | | | | | | | |
| | | | | SERIAL NUMBER: WDSN# | | | | | | | | | |
| | | | | MARK: CTRLS-1 | | | | | | | | | |
| | | | | DOC NUMBER: --- REV: --- | | | | | | | | | |
| DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT | | | | | | | | | | | | | |
| FACTORY SETTINGS | | | | | | | | | | | | | |
| TYPE: VAV | | | | | | | | | | | | | |
| CONFIGURATION: STANDARD | | | | | | | | | | | | | |
| ZONES: 1 | | | | | | | | | | | | | |
| HOODS: 1 | | | | | | | | | | | | | |
| SUMPS: 0 | | | | | | | | | | | | | |
| SUPPLY FANS: 1 | | | | | | | | | | | | | |
| MB ROOM SENSOR: NO | | | | | | | | | | | | | |
| MB TEMP SENSORS: 1 | | | | | | | | | | | | | |
| HIGH TEMP FAULT: NO | | | | | | | | | | | | | |
| FREEZE PROTECTION: YES | | | | | | | | | | | | | |
| GAS RESET: NO | | | | | | | | | | | | | |
| FAN PROVING: NO | | | | | | | | | | | | | |
| BMS: NONE | | | | | | | | | | | | | |
| ZONE SETTINGS | | | | | | | | | | | | | |
| SEE ZONE CONFIGURATION IN TABLE ON LEFT | | | | | | | | | | | | | |
| HOOD SETTINGS | | | | | | | | | | | | | |
| SEE HOOD CONFIGURATION IN TABLE ON LEFT | | | | | | | | | | | | | |
| EXHAUST FAN SETTINGS | | | | | | | | | | | | | |
| SEE FAN CONFIGURATION IN TABLE ON LEFT | | | | | | | | | | | | | |
| SUPPLY FAN SETTINGS | | | | | | | | | | | | | |
| SEE FAN CONFIGURATION IN TABLE ON LEFT | | | | | | | | | | | | | |
| SENSOR SETTINGS | | | | | | | | | | | | | |
| SEE HOOD CONFIGURATION IN TABLE ON LEFT | | | | | | | | | | | | | |
| USER INTERFACE SETTINGS (MB) | | | | | | | | | | | | | |
| FAN & LIGHT BUTTONS: SHOW BOTH (SEPARATE) | | | | | | | | | | | | | |
| USER INTERFACE SETTINGS (HCB) | | | | | | | | | | | | | |
| NA | | | | | | | | | | | | | |
| GENERAL SETTINGS | | | | | | | | | | | | | |
| TIME ZONE: CENTRAL DAYLIGHT (DEFAULT) | | | | | | | | | | | | | |
| FIRE FAULT SETTINGS | | | | | | | | | | | | | |
| EXHAUST DURING FIRE: MAX | | | | | | | | | | | | | |
| SUPPLY DURING FIRE: OFF | | | | | | | | | | | | | |
| LIGHTS DURING FIRE: OFF | | | | | | | | | | | | | |
| BMS SETTINGS | | | | | | | | | | | | | |
| NA | | | | | | | | | | | | | |
| PRG VERSION: V4 | | | | | | | | | | | | | |
| FAN CONFIGURATION | | | | | | | | | | | | | |
| FAN # | TYPE | FAN | FAN MARK | ZONE | MIN CFM | MAX CFM | MODBUS VFD | VFD ADDRESS | MIN FREQ | MAX FREQ | MIN VDC | MAX VDC | |
| 1 | EXHAUST | E1 | E | Z1 | 900 | 1800 | YES | 1 | 30 | 60 | - | - | |
| 2 | SUPPLY | S1 | MAU | Z1 | 900 | 1800 | NO | - | - | - | 0.0 | 10.0 | |

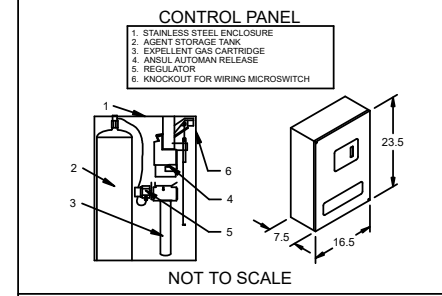
FIRE SYSTEM INFORMATION

| MARK | MODEL | LOCATION | FLOW POINTS | | SUPPLY LINE | DETECTION | MARK(S) PROTECTED BY FIRE SYSTEM |
|-------|-----------------------------|----------------------------|----------------------------|-----|-------------|--------------|----------------------------------|
| | | | HOODS | PCU | | | |
| FSS-1 | ANSUL R-102 WET CHEMICAL | CABINET – LEFT END OF KH-1 | 9 UTILIZED 11 AVAILABLE | | CONTINUOUS | FUSIBLE LINK | KH-1 SECTION 1 |

FIRE SYSTEM OPTIONS AND ACCESSORIES

- FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
- HOOD SUPPRESSION TANK - INCLUDED - 3 GAL. - [(1) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC



CONTROL PANEL

1. STAINLESS STEEL ENCLOSURE
2. AGENT STORAGE TANK
3. EXPULSION GAS CARTRIDGE
4. ANSUL AUTOMAN RELEASE
5. REGULATOR
6. KNOCKOUT FOR WIRING MICROSWITCH

NOT TO SCALE

NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

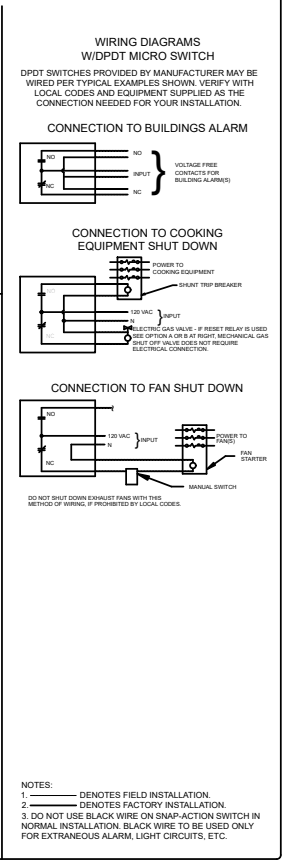
- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THAN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.



PROJECT: 12/28/2021 F AND F EXPLORATION CENTER PLOVER R2

MARK: FSS-1

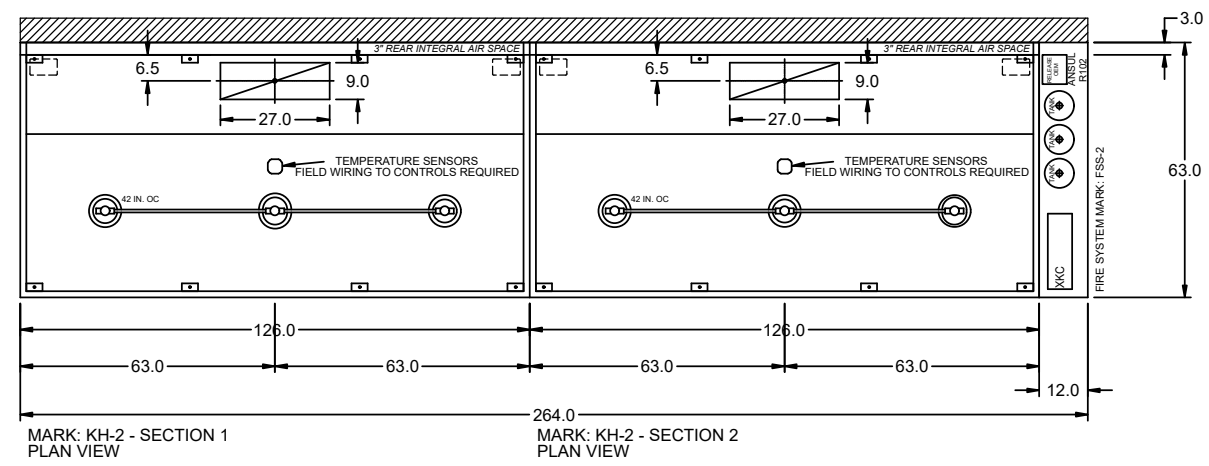
ACCUREX W/IA
PHILLIP KRAFT
BRAD.BORCHARDT@ACCUREX.COM
(262)227-7865

| HOOD INFORMATION | | | | | | | | | | | | | | | | | |
|------------------|------|------------|-----------------------|-------|--------|-----------------------------|----------------------------|-----------|-----------|----|--|---------|--------|--|-------------------|------------------|-------|
| HOOD NO. | MARK | MODEL | HOOD DIMENSIONS (IN.) | | | HOOD CONSTR. | COOKING LOAD / DUTY RATING | EXHAUST | | | | | SUPPLY | | TOTAL WEIGHT LBS. | SECTION LOCATION | |
| | | | LENGTH | WIDTH | HEIGHT | | | TOTAL CFM | COLLAR(S) | | | MUA CFM | AC CFM | | | | |
| 1 | KH-2 | XXEW-126-S | 126 | 63 | 24 | 300 SERIES SS WHERE EXPOSED | HEAVY | 2783 | 9 | 27 | | 2783 | 0.704 | | | 358.212 | LEFT |
| 2 | KH-2 | XXEW-126-S | 126 | 63 | 24 | 300 SERIES SS WHERE EXPOSED | HEAVY | 2783 | 9 | 27 | | 2783 | 0.704 | | | 358.212 | 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.) L H | LOCATION | FIRE SYSTEM | | CONTROLS | | |
| 1 | KH-2 | ROUND LED | 3 | 73.33 | X-TRACTOR STAINLESS STEEL | 4 | 16 20 | | | | | | TOUCHSCREEN |
| 2 | KH-2 | ROUND LED | 3 | 73.33 | X-TRACTOR STAINLESS STEEL | 4 | 16 20 | RIGHT | ANSUL R102 | 9 | XKC | | |

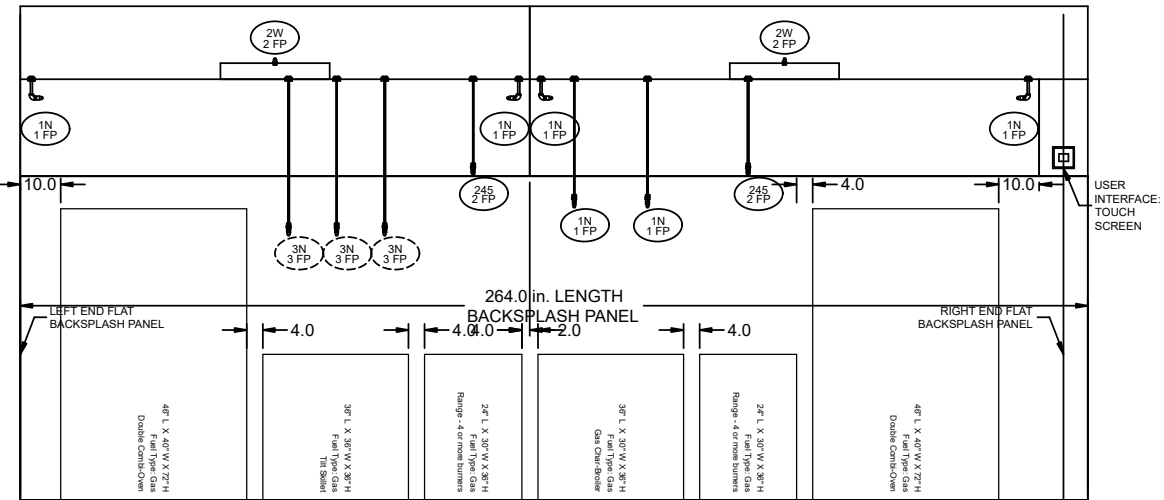
HOOD OPTIONS

UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
 BACK INTEGRAL AIR SPACE - 3 IN WIDE
 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
 CONTINUOUS CAPTURE
 FACTORY MOUNTED EXHAUST COLLAR(S)
 EXHAUST AIR BALANCING BAFFLE(S) - (EABB)
 BACKSPLASH 80.00 IN HIGH 264.00 IN LONG
 LEFT SIDESPLASH 120.00 IN HIGH 18.00 IN LONG
 RIGHT SIDESPLASH 120.00 IN HIGH 18.00 IN LONG
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



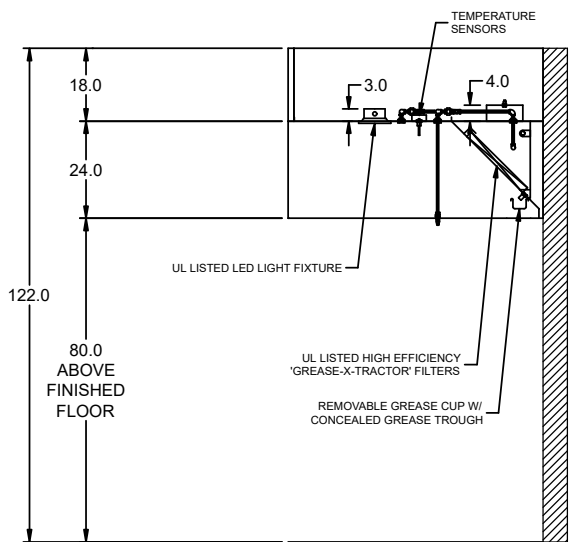
MARK: KH-2 - SECTION 1
PLAN VIEW

MARK: KH-2 - SECTION 2
PLAN VIEW

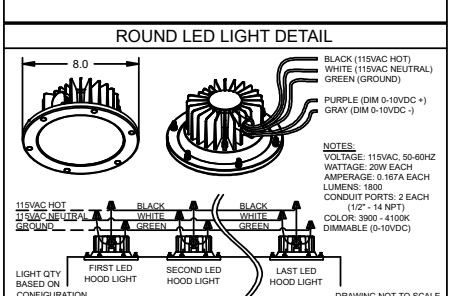
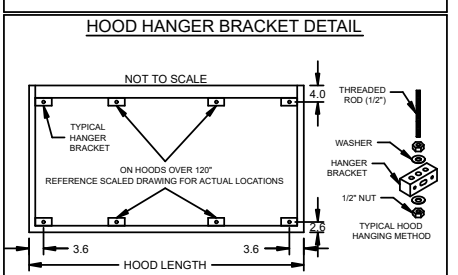
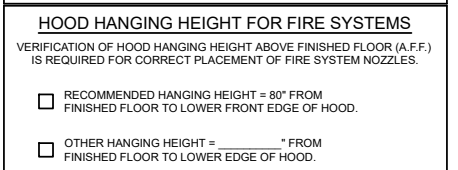
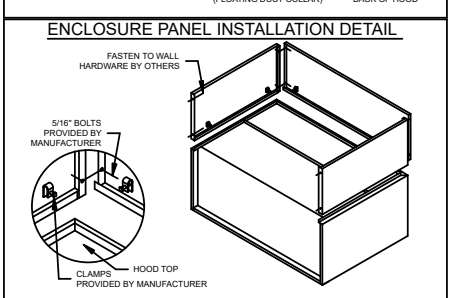
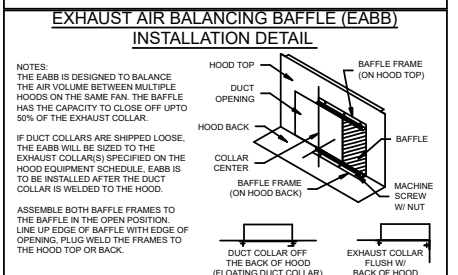
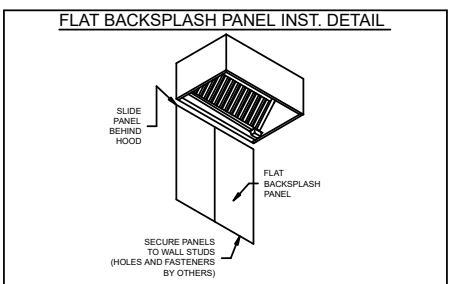


MARK: KH-2 - SECTION 1
ELEVATION VIEW

MARK: KH-2 - SECTION 2
ELEVATION VIEW



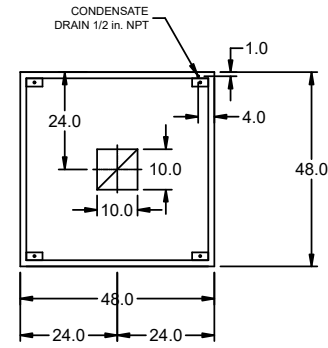
MARK: KH-2 (LAST HOOD IN ROW)
SECTION VIEW



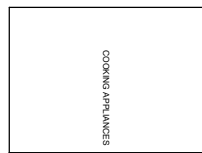
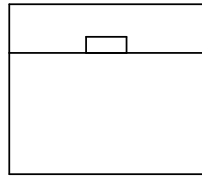
| HOOD INFORMATION | | | | | | | | | | | | | | | | |
|------------------|------|----------|-----------------------|-------|--------|--------------|----------------------------|-----------|-----------|------|-----|---------|--------|--|-------------------|------------------|
| HOOD NO. | MARK | MODEL | HOOD DIMENSIONS (IN.) | | | HOOD CONSTR. | COOKING LOAD / DUTY RATING | EXHAUST | | | | | SUPPLY | | TOTAL WEIGHT LBS. | SECTION LOCATION |
| | | | LENGTH | WIDTH | HEIGHT | | | TOTAL CFM | COLLAR(S) | | | MUA CFM | AC CFM | | | |
| | | | | | | | | WIDTH | LENGTH | DIA. | CFM | S.P. | | | | |
| 1 | CH-3 | XD1-48-S | 48.0 | 48 | 30 | 300 SS 100% | 600 | 10 | 10 | | 600 | 0.9 | | | 113 | SINGLE |

| HOOD INFORMATION | | | | | | | | | | | | | | | | | |
|------------------|------|-------------------------------|-----|--------------|---------------------------|-----|----------------|--------------------|-------------|------|----------|-----------|--|--|--|--|--|
| HOOD NO. | MARK | LIGHTING DETAILS | | | BAFFLE FILTRATION DETAILS | | | UTILITY CABINET(S) | | | | | | | | | |
| | | FIXTURE TYPE BULB / LAMP INFO | QTY | FOOT CANDLES | TYPE / MODEL MATERIAL | QTY | SIZE (IN.) L H | LOCATION | FIRE SYSTEM | | CONTROLS | | | | | | |
| | | | | | | | | | TYPE | SIZE | MODEL | INTERFACE | | | | | |
| 1 | CH-3 | | | | | | | | | | | | | | | | |

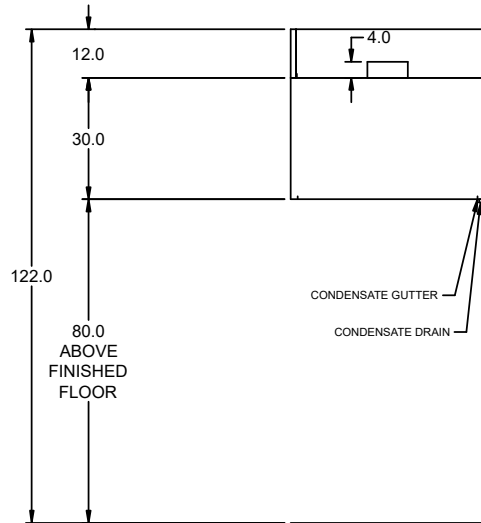
HOOD OPTIONS
 12 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
 FACTORY MOUNTED EXHAUST COLLAR(S)
 MESH FILTER(S) INCLUDED TO COVER DUCT OPENING(S)



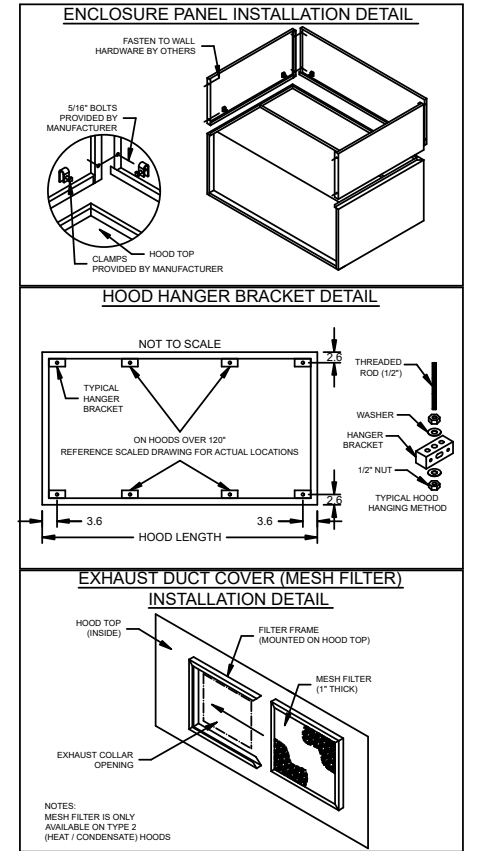
MARK: CH-3 - SECTION 1
 PLAN VIEW



MARK: CH-3 - SECTION 1
 ELEVATION VIEW

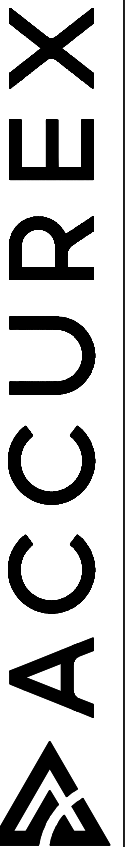


MARK: CH-3
 SECTION VIEW



NOTES:
 MESH FILTER IS ONLY AVAILABLE ON TYPE 2 (HEAT / CONDENSATE) HOODS

PROJECT: 12/28/2021 F AND F EXPLORATION CENTER PLOVER R2
 MARK: CH-3
 ACCUREX W/IA
 PHILLIP KRAFT
 BRAD.BORCHARDT@ACCUREX.COM
 (262)227-7865

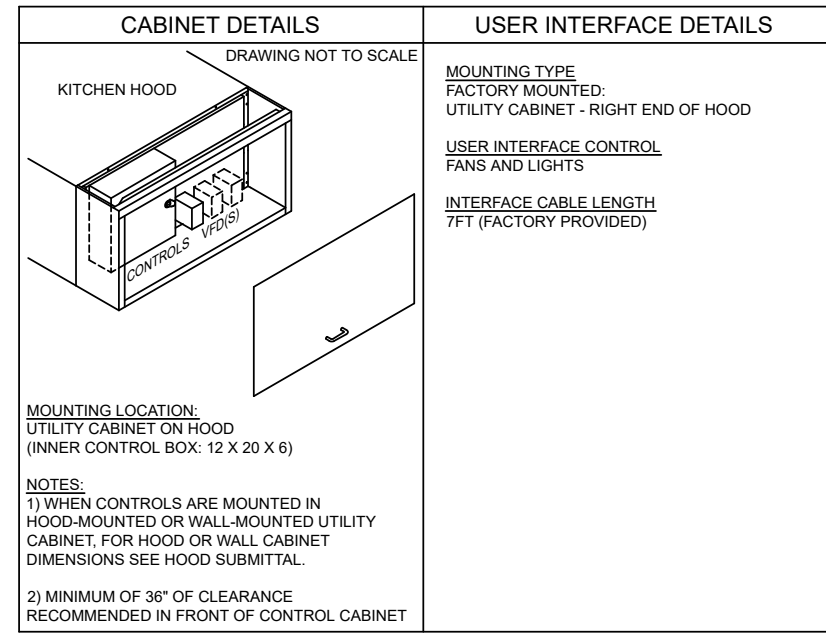
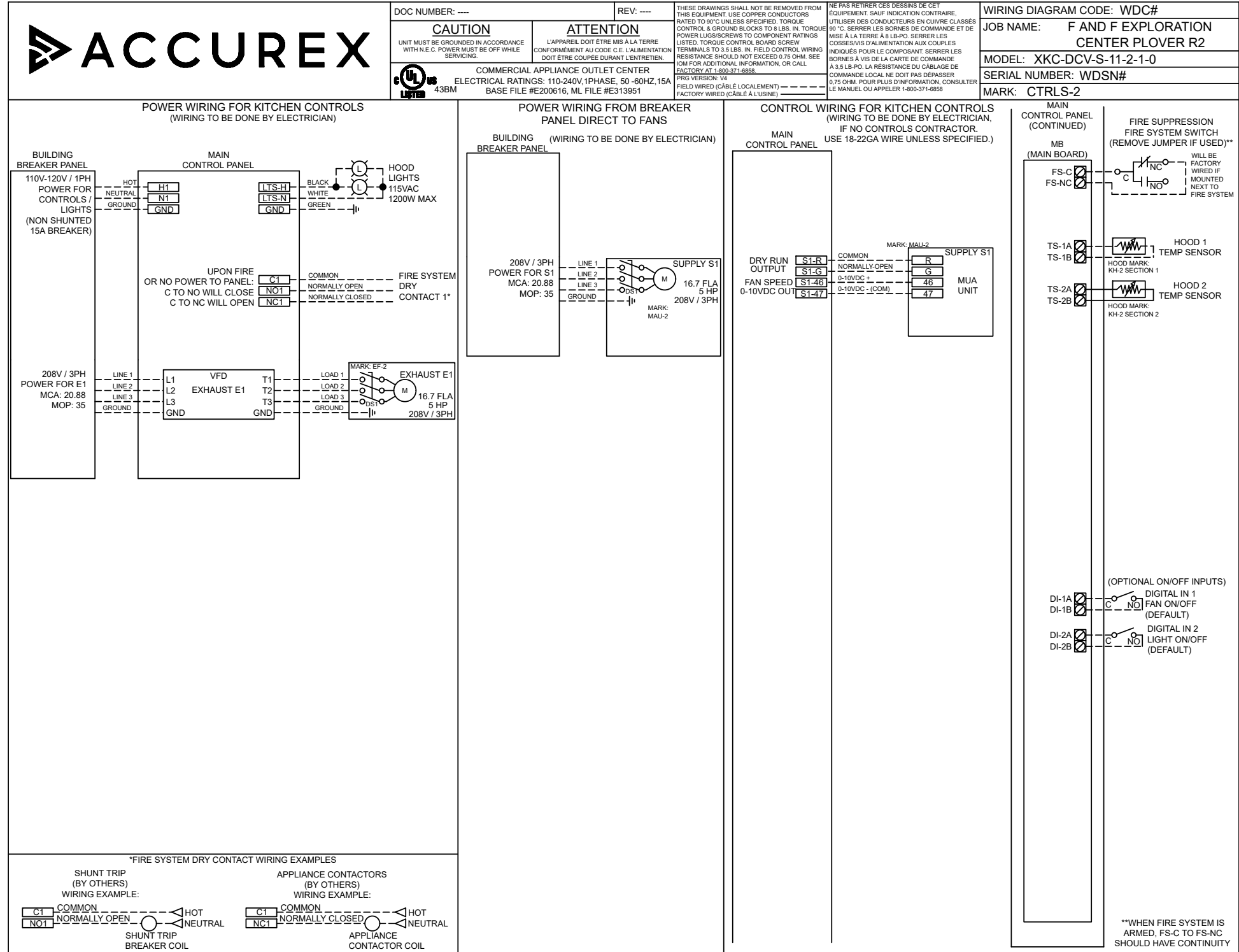


CONTROL INFORMATION

| MARK | ELECTRICAL CONTROL PACKAGE | | USER INTERFACE | | | FANS CONTROLLED | | | | | | | | | | | |
|---------|----------------------------|-----------------------|------------------------|---------------------------------|--|-----------------|---------|-----|----------|------|------|----------|------------|-------|-------------|------------------------|--------------|
| | MODEL | LOCATION | TYPE | LOCATION | | FAN # | TYPE | FAN | FAN MARK | ZONE | CFM | MOTOR HP | MOTOR VOLT | CYCLE | MOTOR PHASE | MOTOR STARTER IN PANEL | VFD IN PANEL |
| CTRLS-2 | XKC-DCV-S-11-2-1-0 | RIGHT CABINET ON KH-2 | FULL COLOR TOUCHSCREEN | CABINET - RIGHT CABINET ON KH-2 | | 1 | EXHAUST | E1 | EF-2 | 1 | 5000 | 5 | 208 | 60 | 3 | NO | YES |
| | | | | | | 2 | SUPPLY | S1 | MAU-2 | 1 | 4250 | 5 | 208 | 60 | 3 | NO | NO |

CONTROL FEATURES

- HOOD LIGHT CONTROL
- TEMP SENSORS (FACTORY INSTALLED) - QTY. 2
- DRY FIRE CONTACTS - QTY. 1
- LIGHTS OFF DURING FIRE
- EXHAUST MAX DURING FIRE
- SUPPLY OFF DURING FIRE



WIRING DIAGRAM CODE: WDC#
JOB NAME: F AND F EXPLORATION CENTER PLOVER R2
MODEL: XKC-DCV-S-11-2-1-0
SERIAL NUMBER: WDSN#
MARK: CTRLS-2
DOC NUMBER: --- REV: ---

DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT

FACTORY SETTINGS
TYPE: VAV
CONFIGURATION: STANDARD
ZONES: 1
HOODS: 2
SUMPS: 0
EXHAUST FANS: 1
SUPPLY FANS: 1
MB ROOM SENSOR: NO
MB TEMP SENSORS: 2
HIGH TEMP FAULT: NO
FREEZE PROTECTION: YES
GAS RESET: NO
FAN PROVING: NO
BMS: NONE

ZONE SETTINGS
SEE ZONE CONFIGURATION IN TABLE ON LEFT

HOOD SETTINGS
SEE HOOD CONFIGURATION IN TABLE ON LEFT

EXHAUST FAN SETTINGS
SEE FAN CONFIGURATION IN TABLE ON LEFT

SUPPLY FAN SETTINGS
SEE FAN CONFIGURATION IN TABLE ON LEFT

SENSOR SETTINGS
SEE HOOD CONFIGURATION IN TABLE ON LEFT

USER INTERFACE SETTINGS (MB)
FAN & LIGHT BUTTONS: SHOW BOTH (SEPERATE)

USER INTERFACE SETTINGS (HCB)
NA

GENERAL SETTINGS
TIME ZONE: CENTRAL DAYLIGHT (DEFAULT)

FIRE FAULT SETTINGS
EXHAUST DURING FIRE: MAX
SUPPLY DURING FIRE: OFF
LIGHTS DURING FIRE: OFF

BMS SETTINGS
NA

PRG VERSION: V4

FAN CONFIGURATION

| FAN # | TYPE | FAN | FAN MARK | ZONE | MIN CFM | MAX CFM | MODBUS VFD | VFD ADDRESS | MIN FREQ | MAX FREQ | MIN VDC | MAX VDC |
|-------|---------|-----|----------|------|---------|---------|------------|-------------|----------|----------|---------|---------|
| 1 | EXHAUST | E1 | EF-2 | Z1 | 2500 | 5000 | YES | 1 | 30 | 60 | - | - |
| 2 | SUPPLY | S1 | MAU-2 | Z1 | 2125 | 4250 | NO | - | - | - | 0.0 | 10.0 |

FIRE SYSTEM INFORMATION

| MARK | MODEL | LOCATION | FLOW POINTS | | SUPPLY LINE | DETECTION | MARK(S) PROTECTED BY FIRE SYSTEM |
|-------|-----------------------------|-----------------------------|-----------------------------|-----|-------------|--------------|----------------------------------|
| | | | HOODS | PCU | | | |
| FSS-2 | ANSUL R-102 WET CHEMICAL | CABINET – RIGHT END OF KH-2 | 23 UTILIZED 33 AVAILABLE | | CONTINUOUS | FUSIBLE LINK | KH-2 SECTION 1 KH-2 SECTION 2 |

FIRE SYSTEM OPTIONS AND ACCESSORIES

- FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
- HOOD SUPPRESSION TANK - INCLUDED - 9 GAL. - [(3) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC

CONTROL PANEL

NOT TO SCALE

NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

- VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
- ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
- ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
- MORE THAN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR PS APPROVAL STAMP.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THAN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.

WIRING DIAGRAMS W/DPDT MICRO SWITCH

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN, VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

CONNECTION TO BUILDINGS ALARM

CONNECTION TO COOKING EQUIPMENT SHUT DOWN

CONNECTION TO FAN SHUT DOWN

DO NOT SHUT DOWN EXHAUST FANS WITH THIS METHOD OF WIRING, IF PROHIBITED BY LOCAL CODES.

NOTES:

1. _____ DENOTES FIELD INSTALLATION.
2. _____ DENOTES FACTORY INSTALLATION.
3. DO NOT USE BLACK WIRE OR SNAP-ACTION SWITCH IN NORMAL INSTALLATION. BLACK WIRE TO BE USED ONLY FOR EXTRANEOUS ALARM, LIGHT CIRCUITS, ETC.