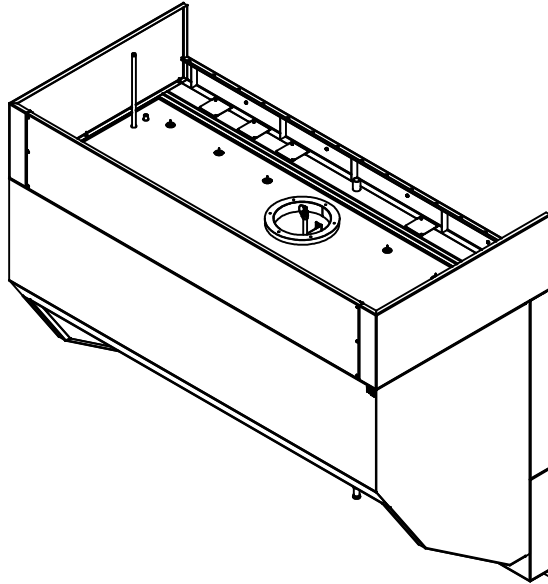


# 7' 7" BROILER/OVEN HOOD ROC STORES



### DESCRIPTION

- THE H&K INTERNATIONAL MODEL # 52415-1 WALL-MOUNTED CANOPY-STYLE VENTILATION HOOD IS INTENDED SPECIFICALLY FOR APPLICATIONS WITH A BROILER AND OVEN.
- THIS HOOD IS DESIGNED FOR USE WITH DUKE FBB AND NIECO JF BROILERS

### INSTALLATION

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

### FILTERS/GREASE REMOVAL

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

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| 13      | FAN SPECIFICATION  |
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| 15      | BK HOOD EXHAUST FAN-FIRE SYSTEM-HVAC SYSTEM CONTROL MATRIX |
| 16      | RATING LABEL   |
| 18      | WIRING DIAGRAM   |
| 19      | CONTACT INFORMATION  |

INSTALLATION TO BE IN ACCORDANCE WITH ULC-S650 STANDARD FOR THE INSTALLATION AND PERFORMANCE OF THE VENTILATION AND FIRE SUPPRESSION FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT.

### APPROVALS / CERTIFICATIONS

- THIS HOOD COMPLIES WITH THE FOLLOWING:

#### UL710 / ULC-S646

STANDARD FOR EXHAUST HOOD AND RELATED CONTROLS FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT

#### NFPA96

NATIONAL FIRE PROTECTION ASSOCIATION - STD 96

#### NSF2:

NATIONAL SANITATION FOUNDATION NO. 2 "FOOD SERVICE EQUIPMENT"

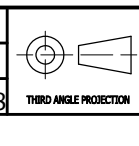
**NOTE:** THE EXHAUST AIR FLOW RATES WERE ESTABLISHED UNDER CONTROLLED LABORATORY CONDITIONS. GREATER EXHAUST RATES MAY BE REQUIRED FOR COMPLETE VAPOR AND SMOKE REMOVAL IN SPECIFIC INSTALLATIONS.



**H&K International**  
 Restaurant Equipment Systems Worldwide  
 2200 Skyline Dr, Mesquite, TX 75149, USA  
 800-788-2446

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|                 |                |
|-----------------|----------------|
| DATE: 5/23/2016 | UNITS: mm [in] |
| DRAWN: Rrio     | SIZE: A        |
| SCALE:          | SHEET 1 OF 18  |
| COMMENTS:       |                |

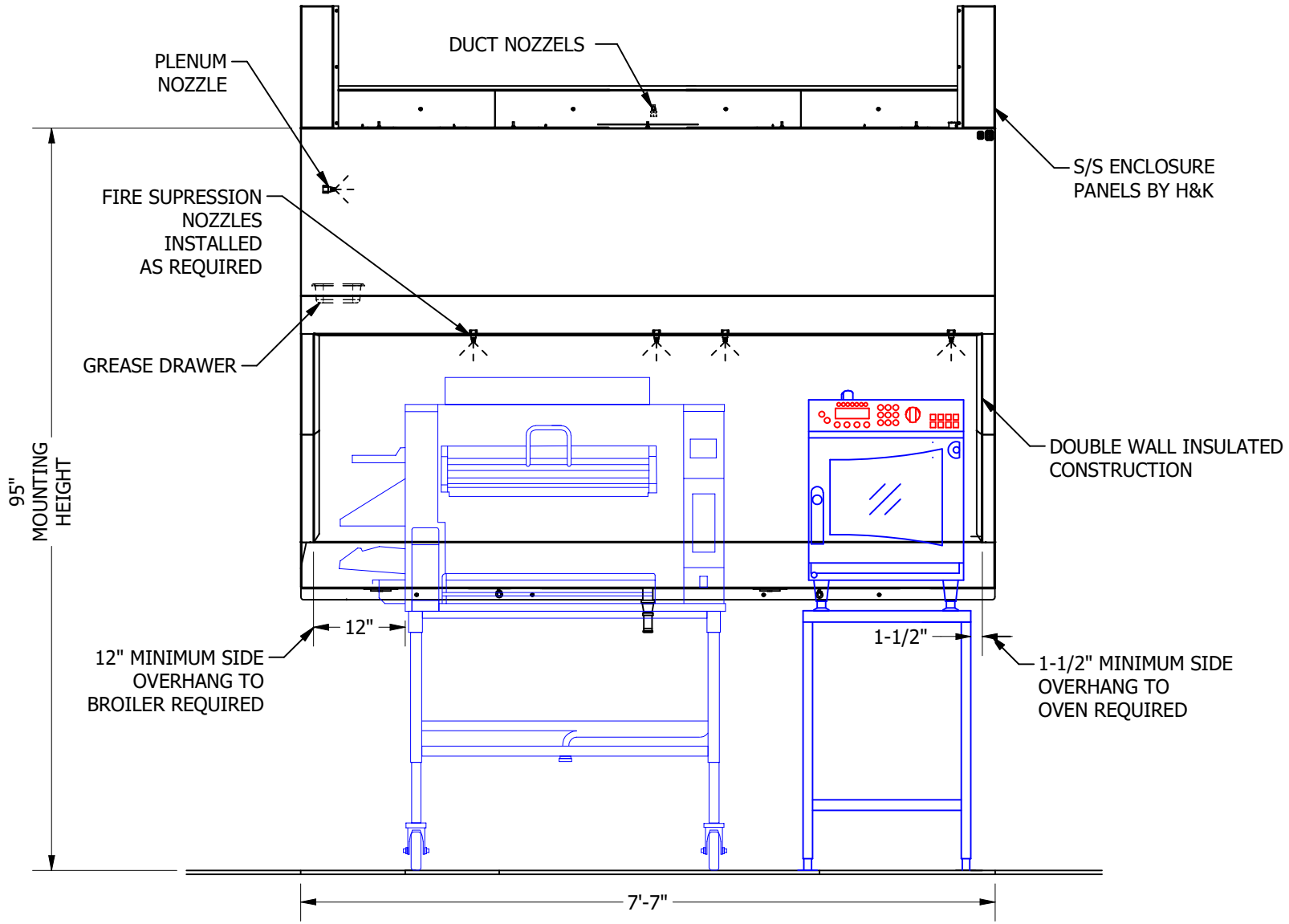


|   |             |           |
|---|-------------|-----------|
| TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |             |           |
| REV                                       | REVISION    | DATE      |
| A   | 20171223 CC | 7/18/2017 |




ITEM NO: M-52415-1-EM

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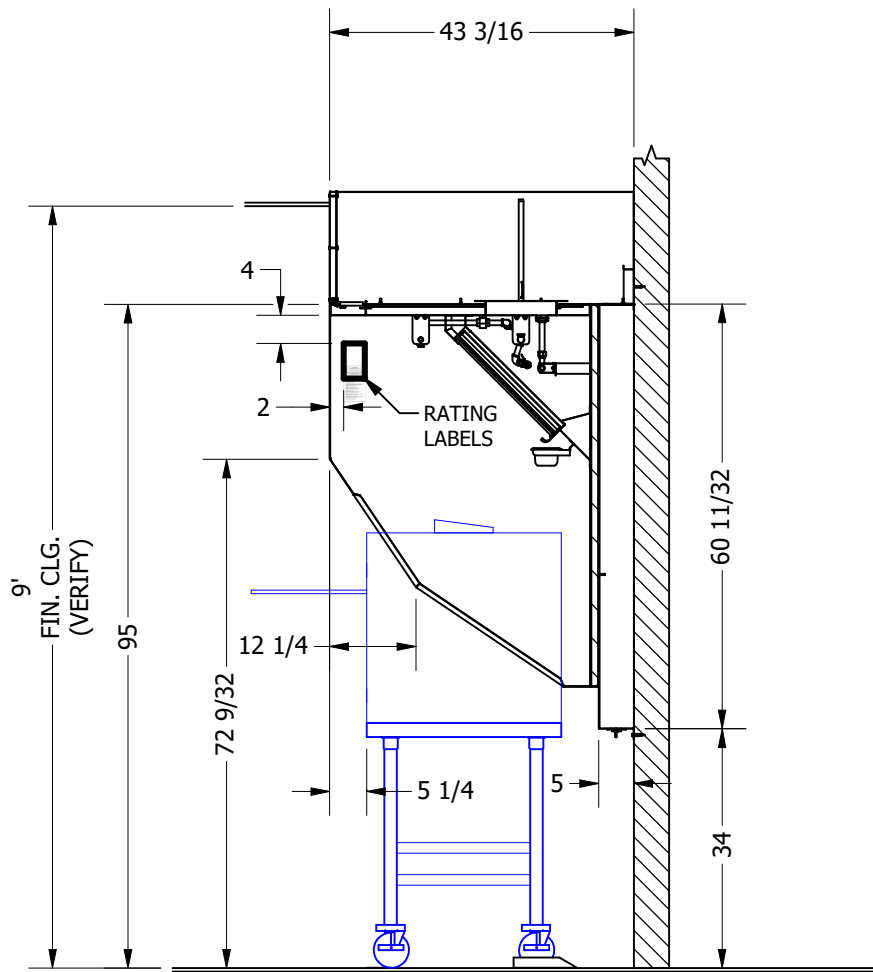


FRONT VIEW

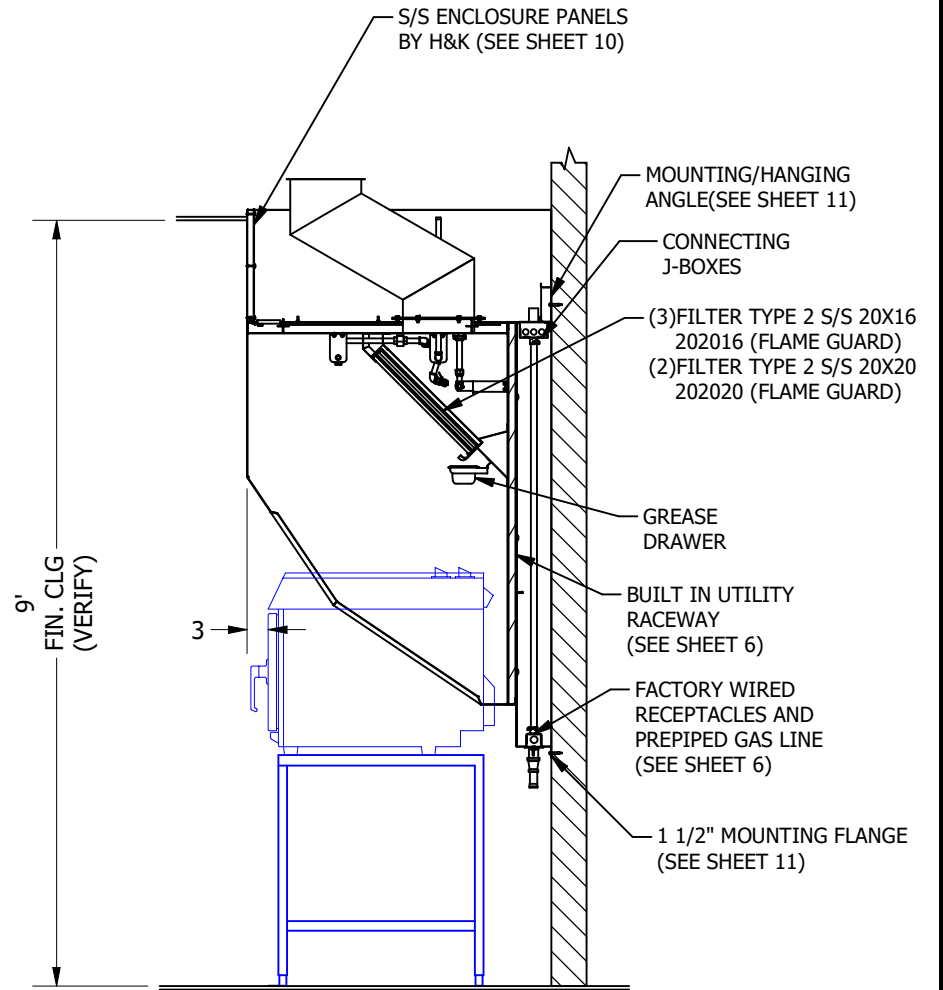
|  |                 |                        |   |           |                       |
|--|-----------------|------------------------|---|-----------|-----------------------|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2445 | DATE: 5/23/2016 | UNITS: mm [in]         | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |           |                       |
|  | DRAWN: Rrio     | SIZE: A                | REV                                       |           |                       |
| SCALE:   | SHEET 2 OF 18   | THIRD ANGLE PROJECTION |   | REVISION  | DATE                  |
| COMMENTS:  |                 | A                      | 20171223 CC                               | 7/18/2017 |                       |
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**BROILER HOOD SECTION VIEW  
SHOWN WITH DUKE BROILER**

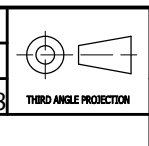


**BROILER HOOD SECTION VIEW  
SHOWN WITH OVEN**

**H&K International**  
 Restaurant Equipment Systems Worldwide  
 2200 Skyline Dr, Mesquite, TX 75149, USA  
 800-788-2446

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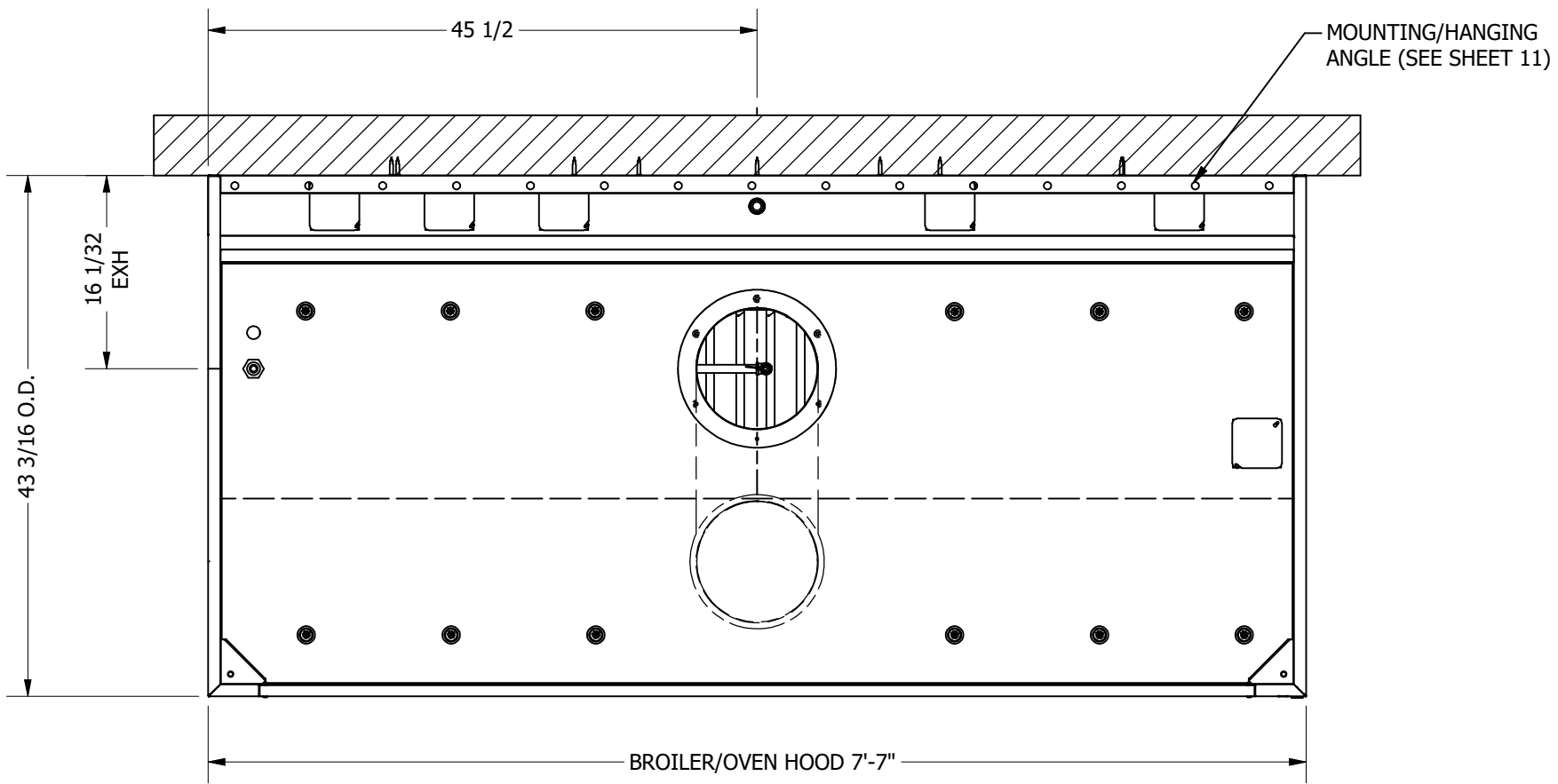
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|-----------|-----------|--------|---------|
| DATE:     | 5/23/2016 | UNITS: | mm [in] |
| DRAWN:    | Rrio      | SIZE:  | A       |
| SCALE:    |           | SHEET: | 3 OF 18 |
| COMMENTS: |           |        |         |




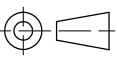

|        |             |           |                                    |
|--------|-------------|-----------|------------------------------------|
| TITLE: |             |           | 7'-7" BROILER/OVEN HOOD ROC STORES |
| REV    | REVISION    | DATE      |                                    |
| A      | 20171223 CC | 7/18/2017 |                                    |

ITEM NO: M-52415-1-EM

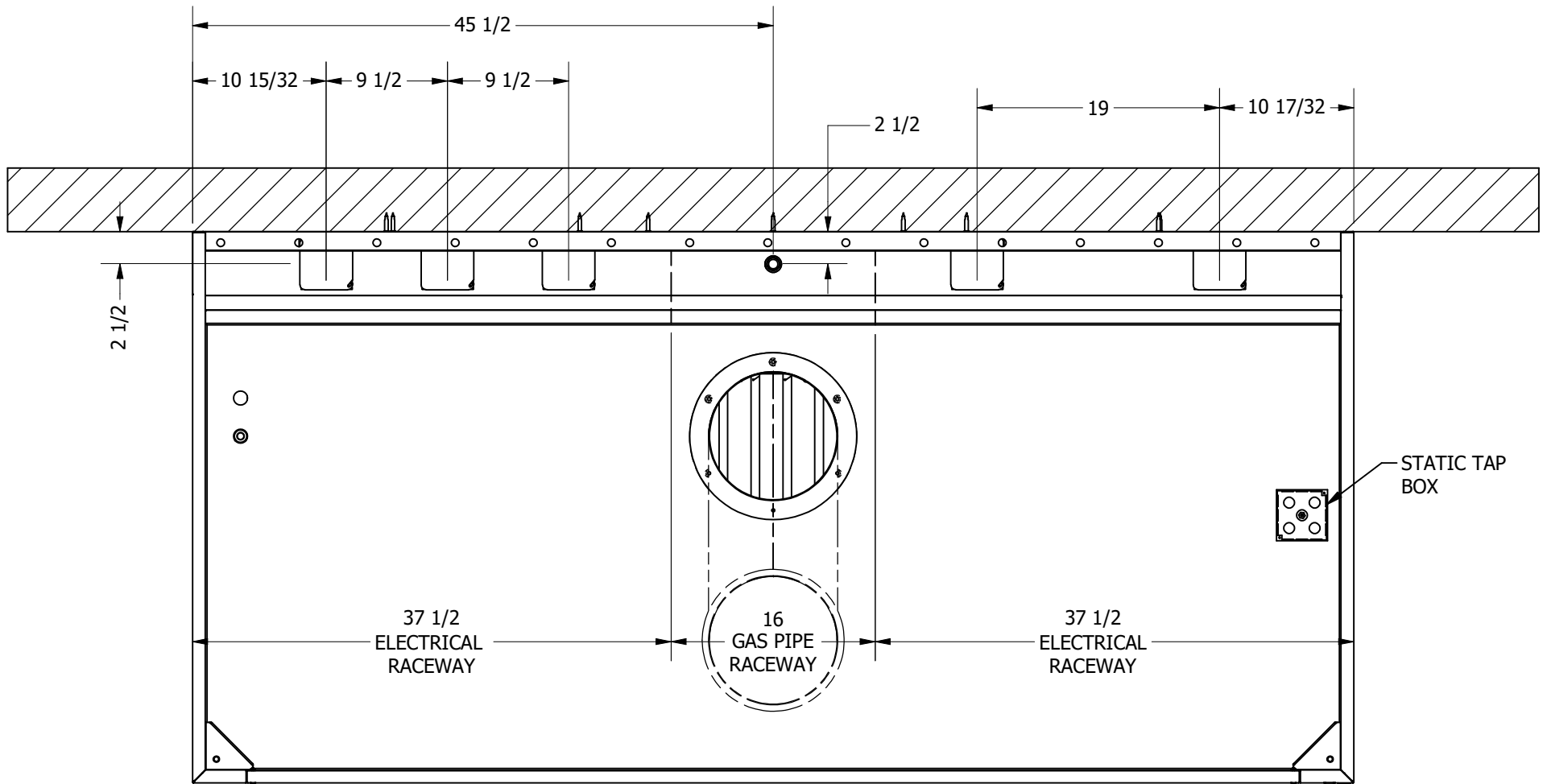
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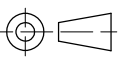

PLAN VIEW

|  |                 |                |  |   |             |           |   |
|--|-----------------|----------------|--|---|-------------|-----------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |             |           |  |
|  | DRAWN: Rrio     | SIZE: A        |  | REV                                       | REVISION    | DATE      |   |
|  | SCALE:          | SHEET 4 OF 18  |  | A   | 20171223 CC | 7/18/2017 |   |
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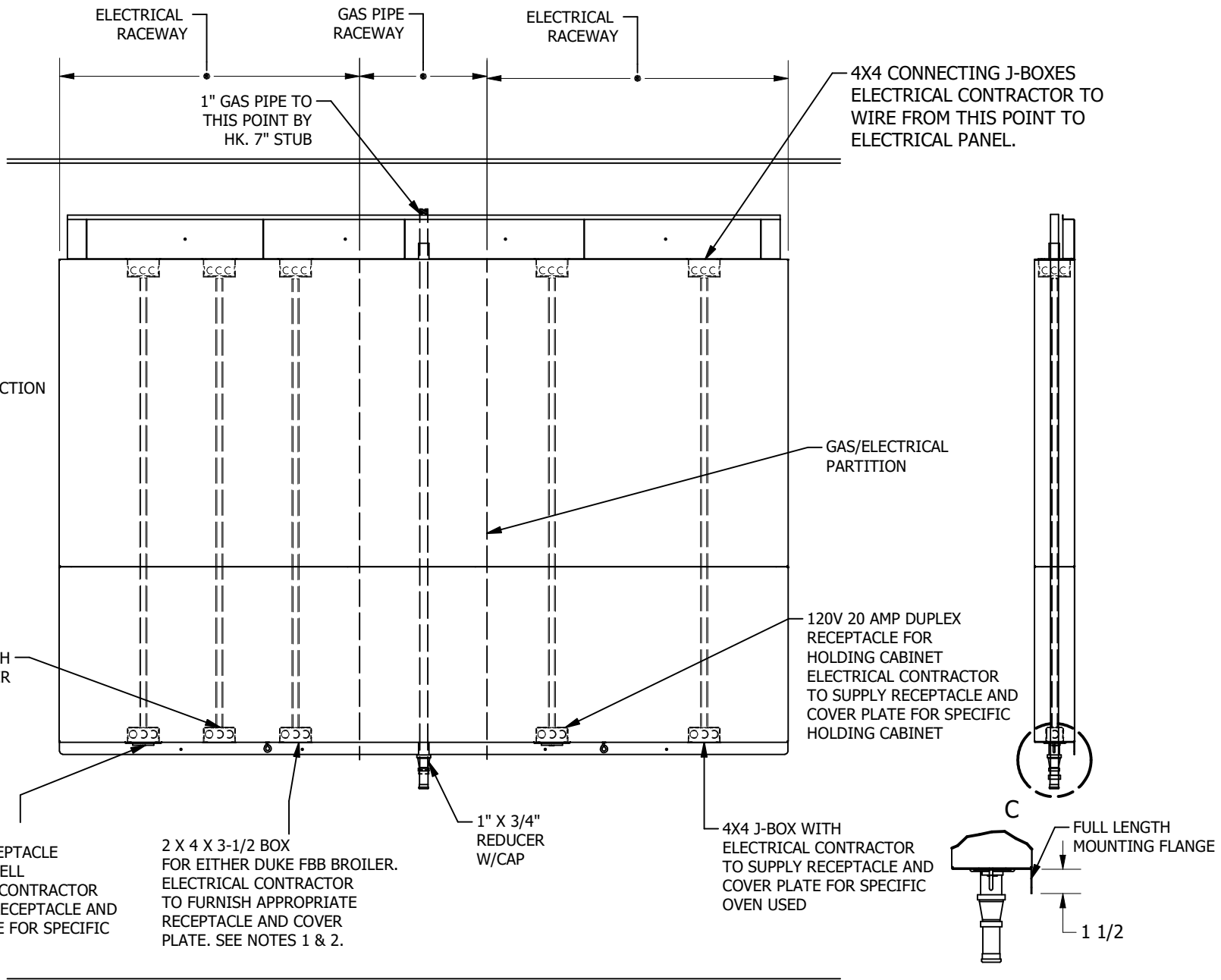
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UTILITIES PLAN VIEW

|  |                 |                |  |  |  |  |   |
|--|-----------------|----------------|--|--|--|--|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2446 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES    |  |  |  |
|  | DRAWN: Rrio     | SIZE: A        |  | REV: A REVISION: 20171223 CC DATE: 7/18/2017 |  |  |   |
| <small>THESE DRAWINGS AND SPECIFICATION ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                           | SCALE:          | SHEET 5 OF 18  | ITEM NO: M-52415-1-EM  |  |  |  |   |
|  | COMMENTS:       |                |  |  |  |  |   |

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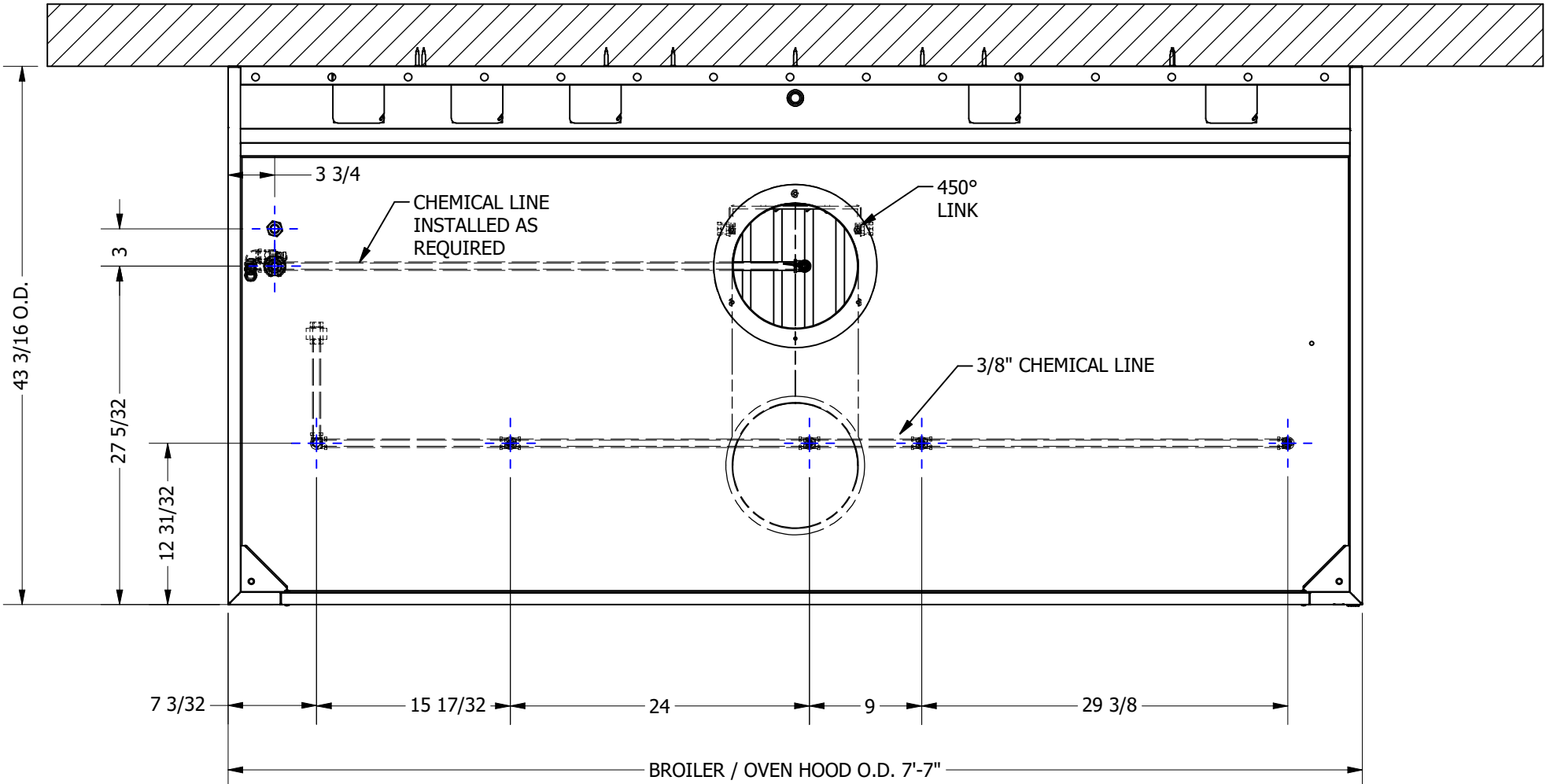
- NOTES:**
- DUKE BROILER REQUIRES SINGLE RECEPTACLE NEMA 520R HOSPITAL GRADE (ORANGE) 120V/20AMP.
  - IF LOCAL CODE REQUIRES G.F.I. PROTECTION, THE PROTECTION SHALL BE PROVIDED IN THE CIRCUIT BREAKER PANEL BY THE ELECTRICIAN.

**FRONT ELEVATION- UTILITIES**


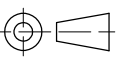

**DETAIL C**

|   |                 |                |                               |   |                       |                       |  |
|---|-----------------|----------------|-------------------------------|---|-----------------------|-----------------------|--|
| <p><b>H&amp;K International</b><br/>Restaurant Equipment Systems Worldwide<br/>2200 Skyline Dr, Mesquite, TX 75149, USA<br/>800-788-2446</p>  | DATE: 5/23/2016 | UNITS: mm [in] | <p>THIRD ANGLE PROJECTION</p> | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |                       |                       |  |
|   | DRAWN: Rrio     | SIZE: A        |                               | SHEET 6 OF 18                             | REV: A                | REVISION: 20171223 CC |  |
| <small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small> |                 |                |                               |   | ITEM NO: M-52415-1-EM |                       |  |

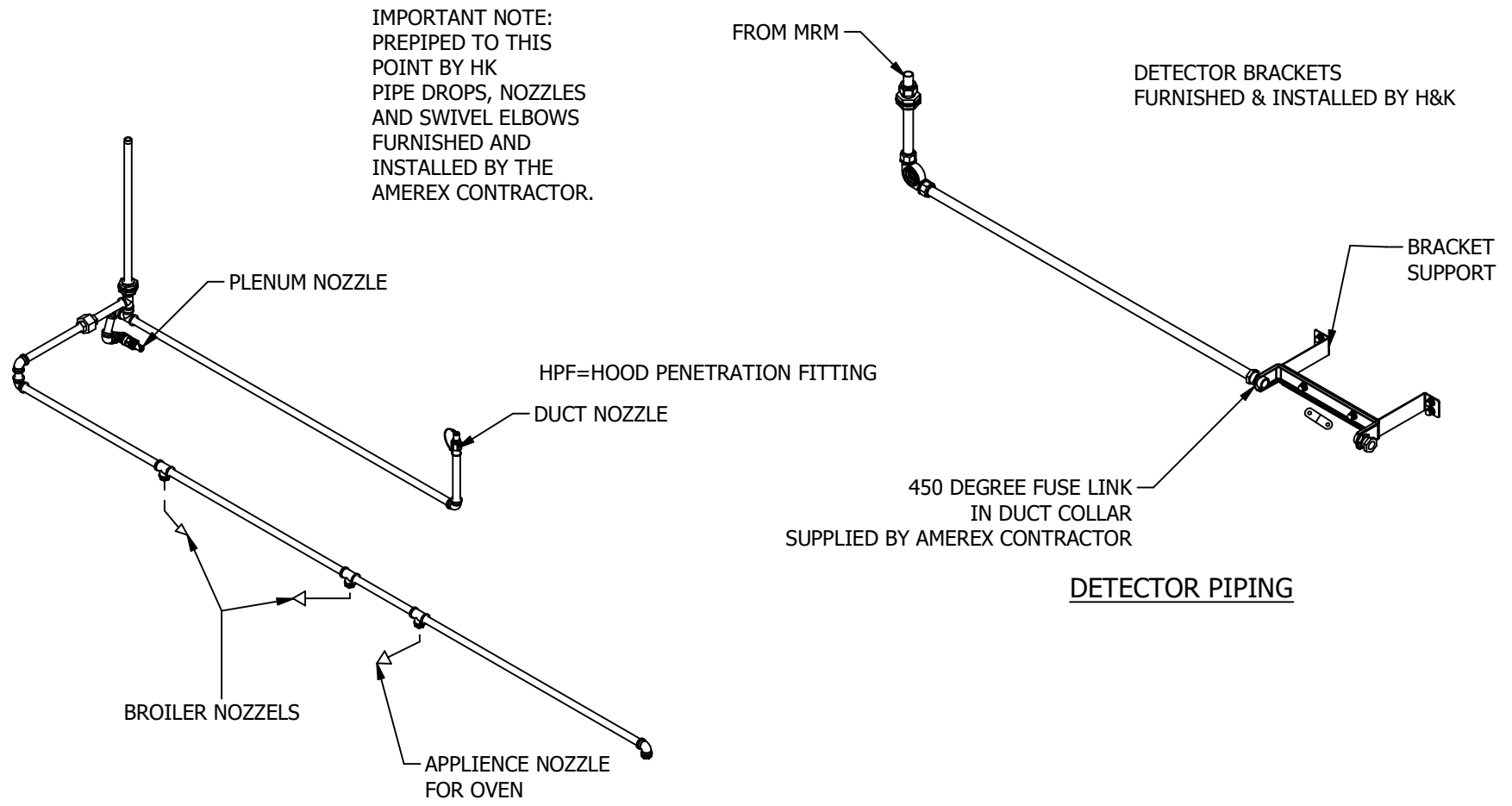
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**FIRE SUPPRESSION SYSTEM  
PLAN VIEW**


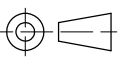

|  |                 |                |  |   |                       |                 |   |
|--|-----------------|----------------|--|---|-----------------------|-----------------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2446 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |                       |                 |  |
|  | DRAWN: Rrio     | SIZE: A        |  | REV: A                                    | REVISION: 20171223 CC | DATE: 7/18/2017 |   |
| <small>THESE DRAWINGS AND SPECIFICATION ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                           |                 | SCALE:         | SHEET: 7 OF 18   |   |                       |                 |   |
| COMMENTS:  |                 |                |  |   |                       |                 |   |

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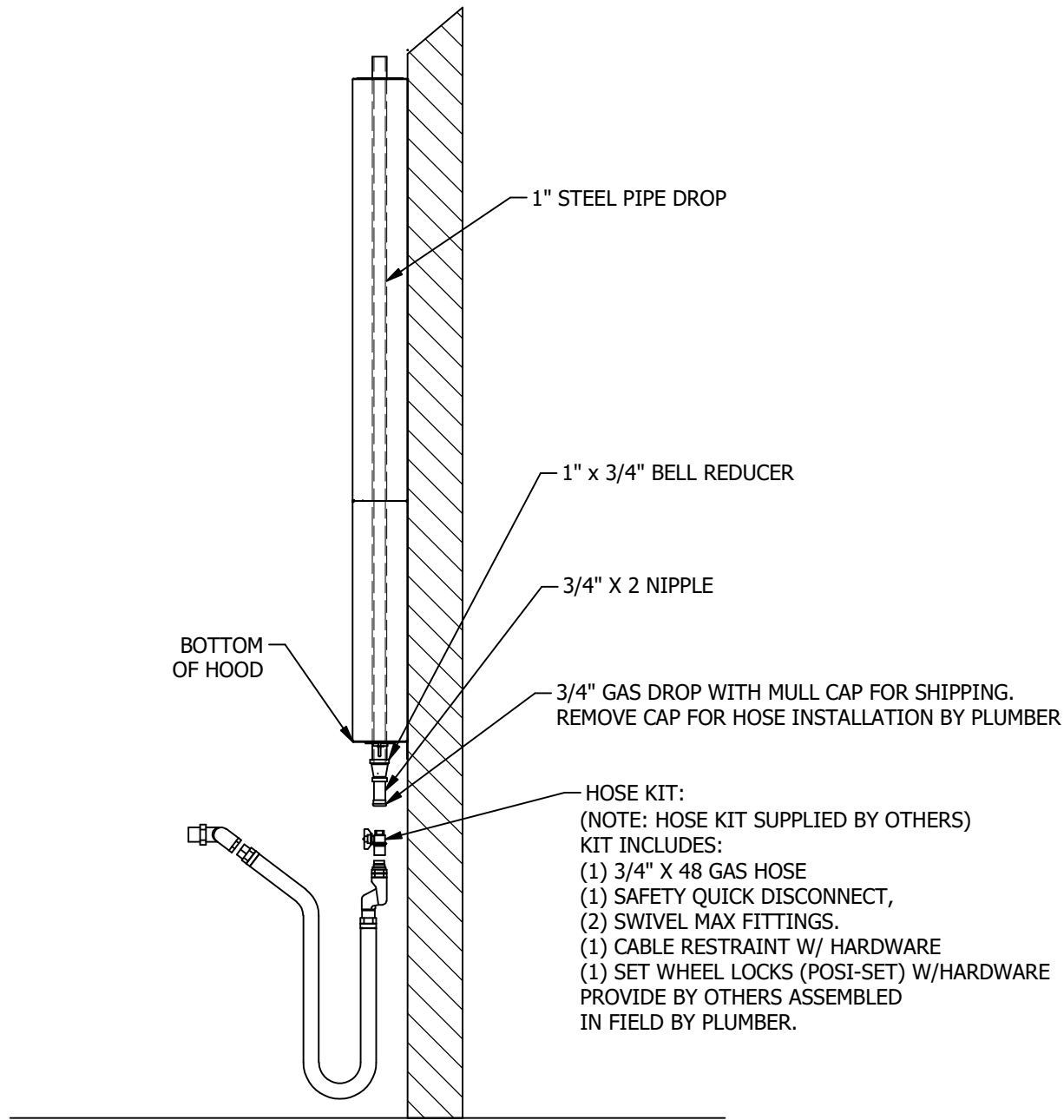
IMPORTANT NOTE:  
ALL BLOW OFF CAPS TO BE  
HIGH TEMPERATURE METAL  
(AMEREX PART NUMBER  
REFERENCE 12504)

AMEREX PIPING DETAILS  
BROILER / OVEN HOOD


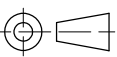

|   |                 |                |  |   |                 |                       |   |
|---|-----------------|----------------|--|---|-----------------|-----------------------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite,<br>TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |                 |                       |  |
|   | DRAWN: Rrio     | SIZE: A        |  | REV: A                                    |                 |                       |   |
| <small>THESE DRAWINGS AND SPECIFICATION ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                              | SCALE:          | SHEET: 8 OF 18 | REV: A   | REVISION: 20171223 CC                     | DATE: 7/18/2017 | ITEM NO: M-52415-1-EM |   |
|   | COMMENTS:       |                |  |   |                 |                       |   |



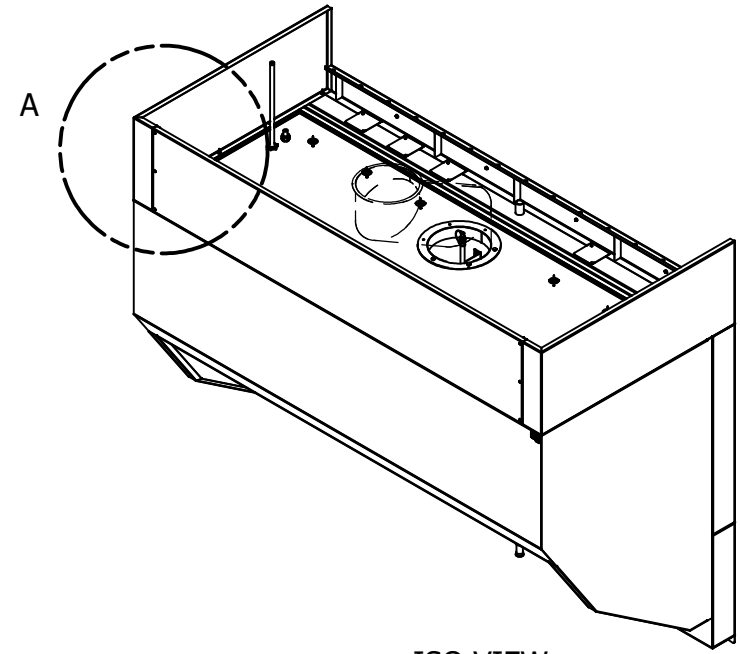
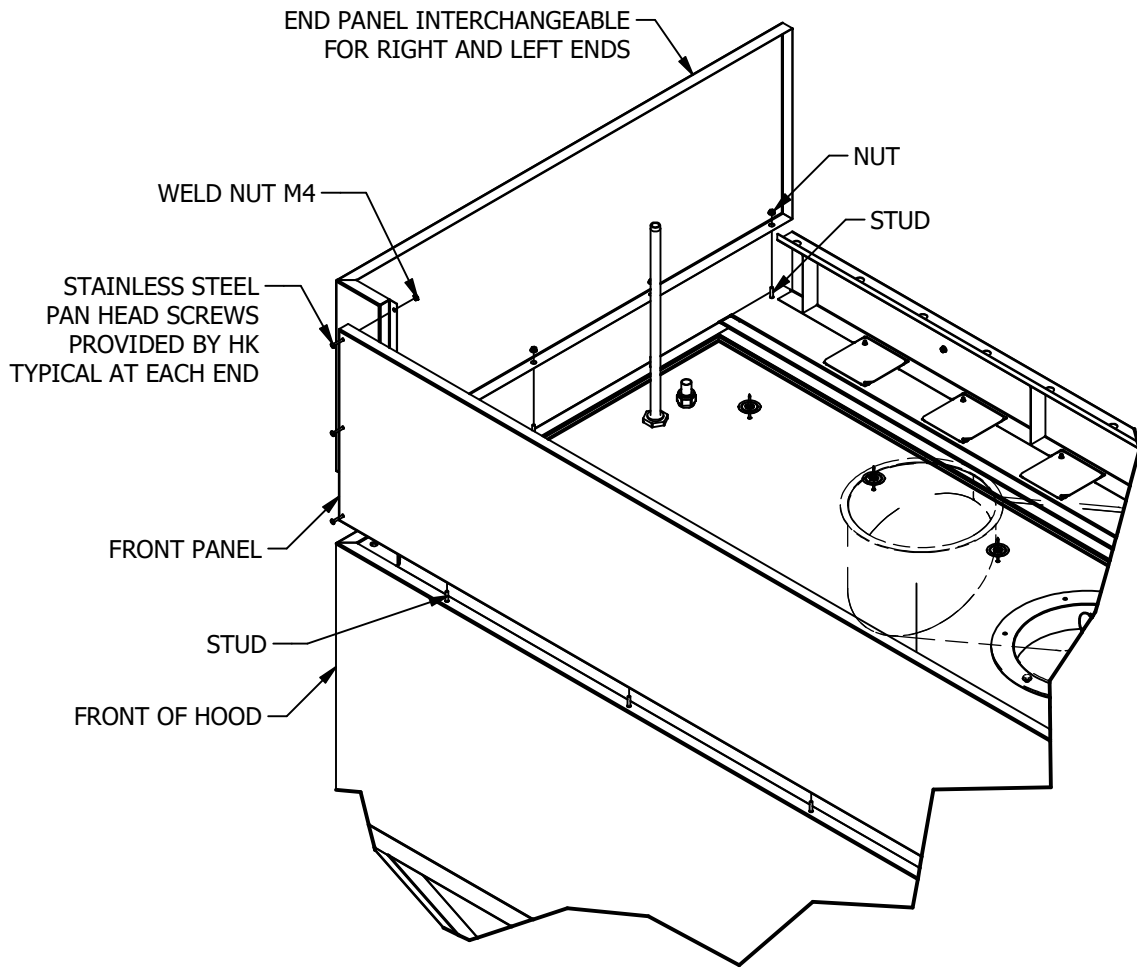
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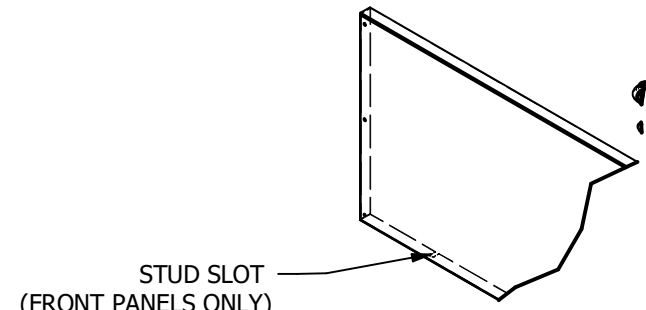
TYPICAL GAS APPLIANCE CONNECTION

|  |                 |                |  |  |             |           |   |
|--|-----------------|----------------|--|--|-------------|-----------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2446 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES                    |             |           |  |
|  | DRAWN: Rrio     | SIZE: A        |  | REV:                      REVISION                      DATE |             |           |   |
| SCALE:   | SHEET 9 OF 18   | COMMENTS:      |  |  | 20171223 CC | 7/18/2017 | ITEM NO: M-52415-1-EM   |
| <small>THESE DRAWINGS AND SPECIFICATION ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                           |                 |                |  |  |             |           |   |

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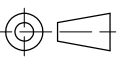

ISO VIEW



DETAIL A

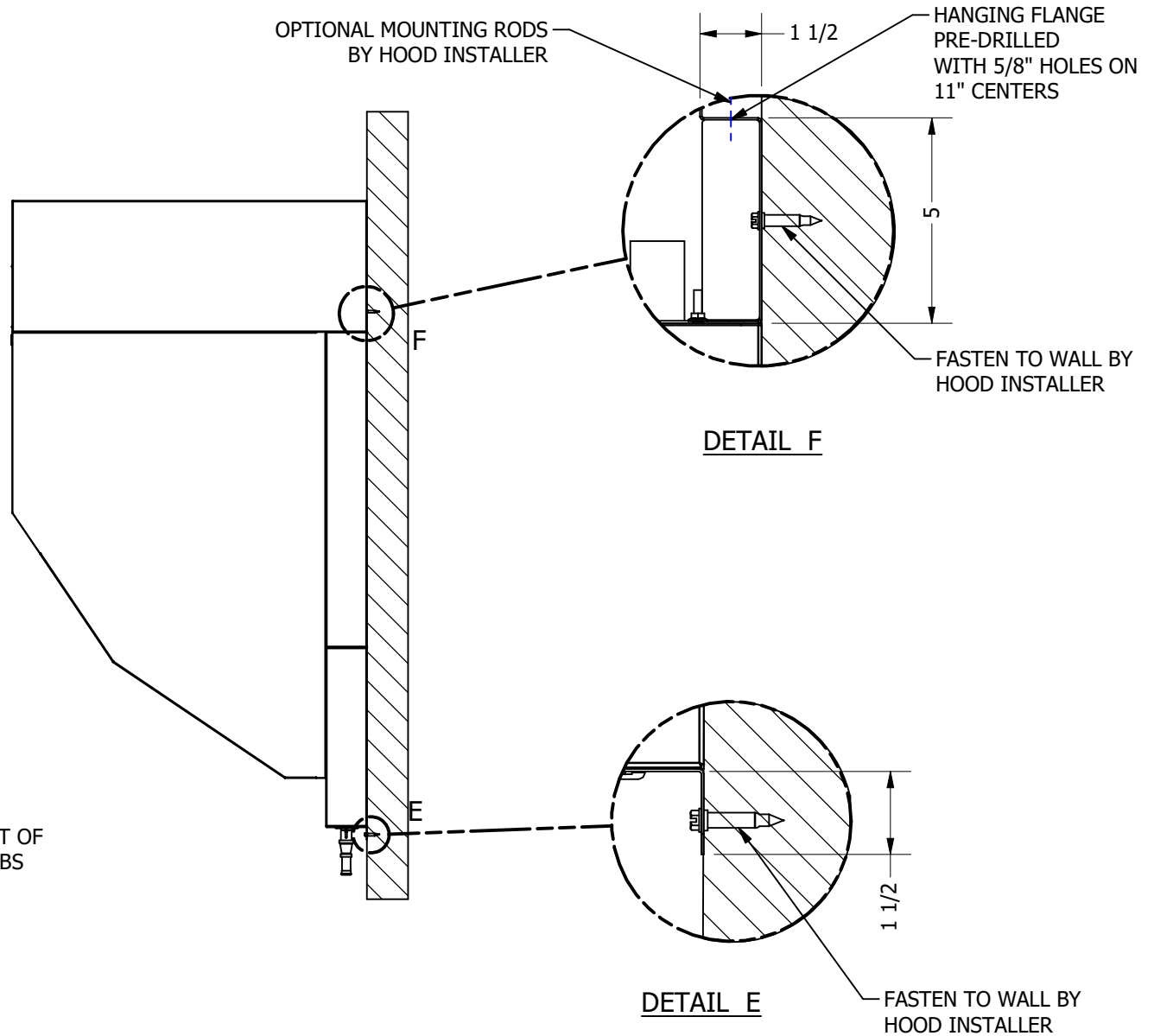
BROILER HOOD ENCLOSURE PANELS

NOTE: ATTACH SIDE PANELS BEFORE ATTACHING FRONT PANEL


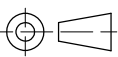

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|--|-----------------|-----------------|--|---|-----------------------|--|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in]  |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |                       |  |  |
|  | DRAWN: Rrio     | SIZE: A         |  | REV: A                                    |                       |  |   |
| <small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                          | SCALE:          | SHEET: 10 OF 18 | REVISION: 20171223 CC  |   | ITEM NO: M-52415-1-EM |  |   |
|  | COMMENTS:       |                 |  |   |                       |  |   |

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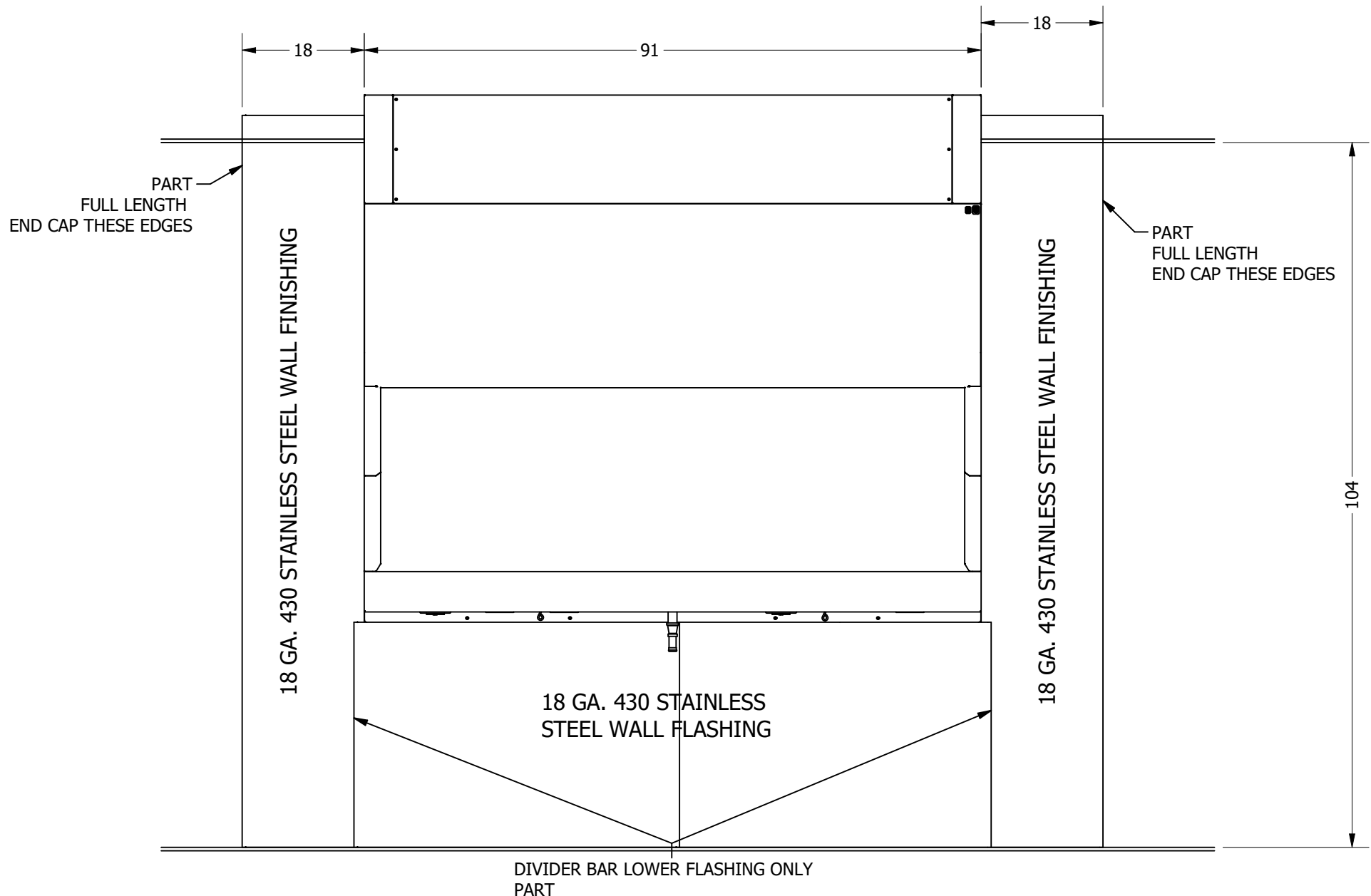
NOTE: HANGING WEIGHT OF  
BROILER HOOD IS 952 LBS




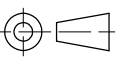

MOUNTING FOR HOOD

|  |                 |                 |  |   |        |                       |   |
|--|-----------------|-----------------|--|---|--------|-----------------------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in]  |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |        |                       |  |
|  | DRAWN: Rrio     | SCALE: 11 OF 18 |  | SHEET: A                                  | REV: A | REVISION: 20171223 CC |   |
| <small>THESE DRAWINGS AND SPECIFICATION ARE THE PROPERTY OF H&amp;K AND SHALL NOT BE REPRODUCED OR COPIED OR TRANSFERRED TO A THIRD PARTY WITHOUT THE WRITTEN PERMISSION OF H&amp;K.</small>                           |                 |                 |  | COMMENTS:                                 |        |                       |   |

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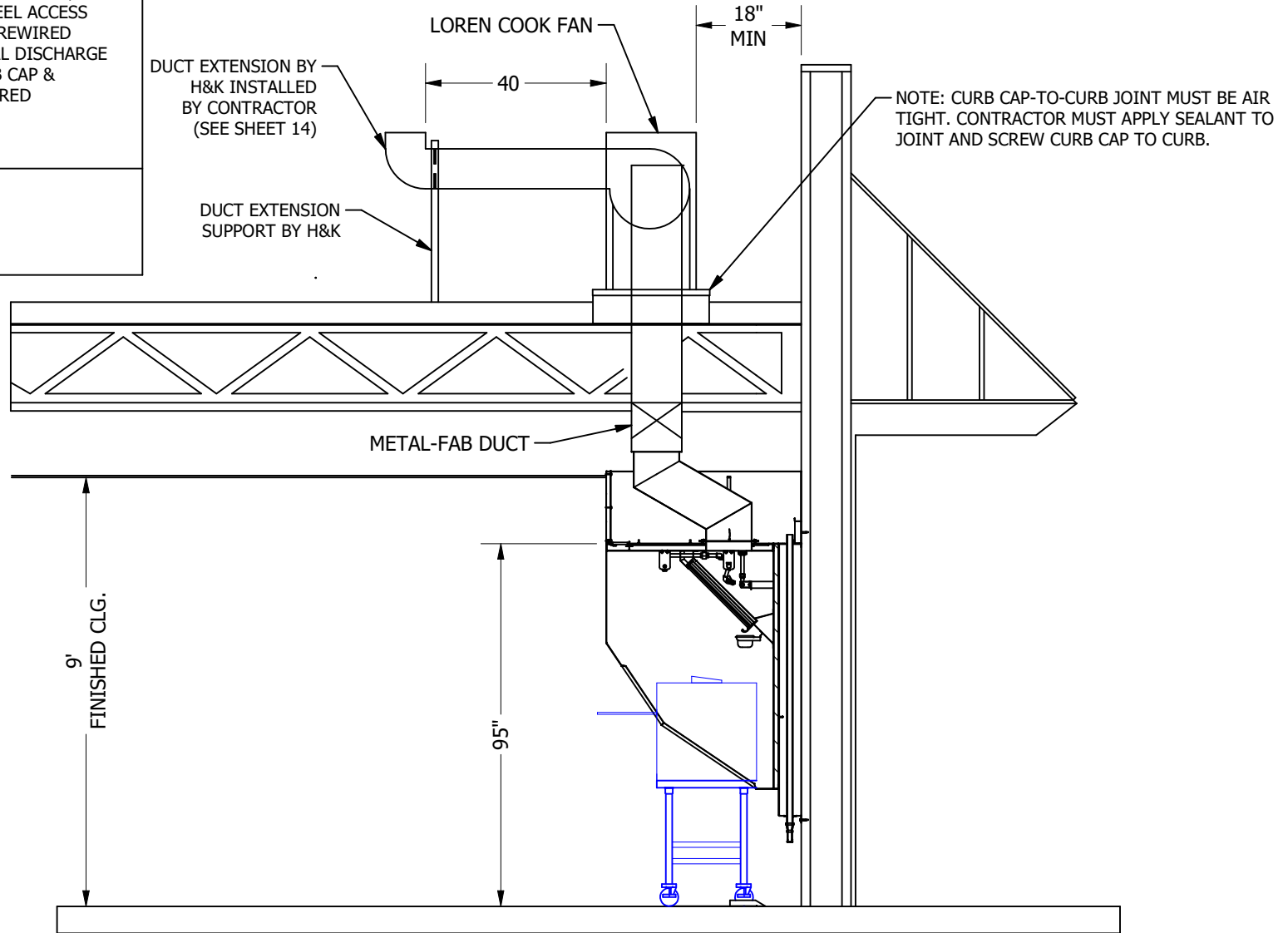
**WALL FLASHING DETAIL**

|  |                 |                |  |   |             |           |   |
|--|-----------------|----------------|--|---|-------------|-----------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite, TX 75149, USA<br>800-788-2446 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |             |           |  |
|  | DRAWN: Rrio     | SIZE: A        |  | REV                                       | REVISION    | DATE      |   |
|  | SCALE:          | SHEET 12 OF 18 |  | A   | 20171223 CC | 7/18/2017 |   |
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**BROILER/OVEN EXHAUST FAN SPECS**  
 COOK MODEL 120 CPS: 1100 CFM, 1.50" S.P.  
 CCW ROTATION, 3/4 HP 208V/1 PH/60 MOTOR,  
 UL 762, HI TEMP EZ CLEAN COAT, STEEL ACCESS  
 DOOR, HANGING GREASE TROUGH, PREWIRED  
 NEMA DISCONNECT, TOP HORIZONTAL DISCHARGE  
 WITH PUNCHED UL762 FLANGE, CURB CAP &  
 INLET BOX, ROOF CURB, AND PRE-WIRED  
 CURRENT SENSOR


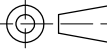

**ROOF CURB SPECS**  
 COOK MODEL RCG-30x46X12  
 NO NAILER

NOTE: THIS DIMENSION MUST BE A MINIMUM  
 OF 18" TO MEET CODE REQUIREMENTS



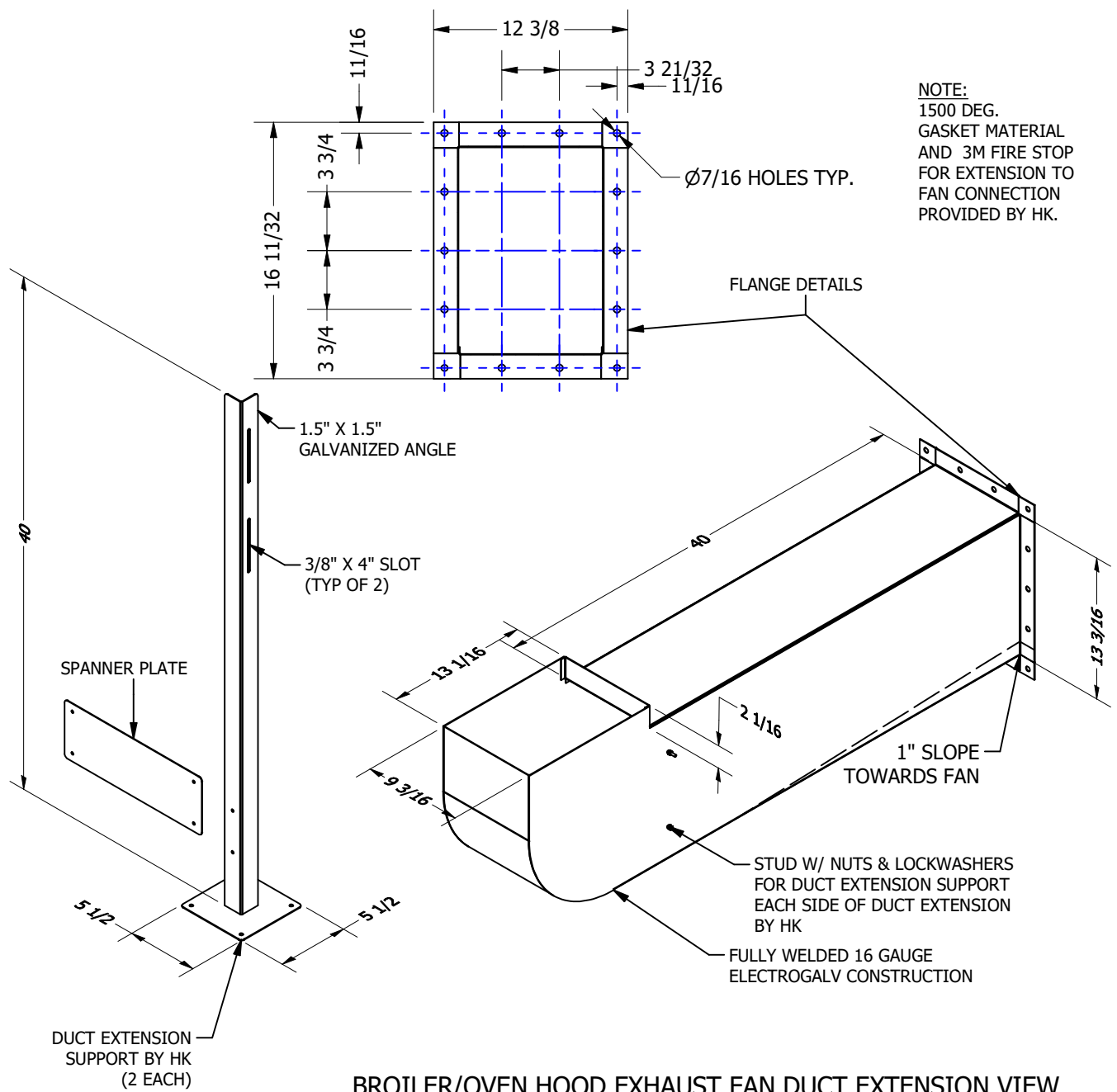
**NOTA 1**  
 U.L. LISTED GREASE EXHAUST  
 DUCT MANUFACTURED BY  
 METAL-FAB MODEL 3G SERIES  
 LISTED FOR "O" TO COMBUSTIBLES.

**BUILDING CROSS-SECTION**

|   |                 |                |  |   |        |                       |   |
|---|-----------------|----------------|--|---|--------|-----------------------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite,<br>TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |        |                       |  BURGER KING |
|   | DRAWN: Rrio     | SIZE: A        |  | SHEET: 13 OF 18                           | REV: A | REVISION: 20171223 CC |   |
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C:\SLP\_Vault\_Workspace\Engineering\Corporate\Burger King\52415-1\52415-1.iam

C:\SLP\_Vault\_Workspace\Engineering\Corporate\Burger King\52451\52451.01A.iam



NOTE:  
1500 DEG.  
GASKET MATERIAL  
AND 3M FIRE STOP  
FOR EXTENSION TO  
FAN CONNECTION  
PROVIDED BY HK.

**INSTALLATION INSTRUCTIONS**

After the exhaust fan is mounted on the curb, use the following instructions to install the Fan Duct Extension:

1. Attach the two fan discharge extension support legs to the duct extension with the nuts provided. Do not tighten.
2. Attach the spanner plate to the two duct extension support legs with the bolts and nuts provided. Tighten
3. Apply a 1/8" bead of 3M Fire Stop (provided) to the exhaust fan outlet flange and the fan discharge extension flange.
4. Place the 1500 degree gasket material on one of the flanges, allowing the 3M fire stop to hold it in place.
5. Clamp the two flanges together and bolt together with the bolts, washers, and nuts provided. Tighten
6. Adjust the support legs so the duct extension slopes slightly towards the fan and tighten the nuts.
7. Screw the duct extension support leg flanges to the roof with the appropriate size screws. These screws are not provided by HK.

**BROILER/OVEN HOOD EXHAUST FAN DUCT EXTENSION VIEW**

|  |                 |                 |                               |  |                       |  |  |
|--|-----------------|-----------------|-------------------------------|--|-----------------------|--|--|
| <p><b>H&amp;K International</b><br/>Restaurant Equipment Systems Worldwide<br/>2200 Skyline Dr, Mesquite, TX 75149, USA<br/>800-788-2448</p>   | DATE: 5/23/2016 | UNITS: mm [in]  | <p>THIRD ANGLE PROJECTION</p> | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES    |                       |  |  |
|  | DRAWN: Rrio     | SIZE: A         |                               | REV: A REVISION: 20171223 CC DATE: 7/18/2017 |                       |  |  |
| SCALE:   |                 | SHEET: 14 OF 18 | COMMENTS:                     |  | ITEM NO: M-52415-1-EM |  |  |
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**BK ROC HOOD/EX FAN/FIRE SYSTEM/HVAC CONTROL MATRIX**

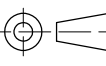
| ACTION                 | EX FAN | ELECTRIC PWR TO COOKING EQUIP. | MECH. GAS VALVE | HVAC UNIST | MAKE UP AIR UNIT (IF APPLICABLE) | COMMENTS  |
|------------------------|--------|--------------------------------|-----------------|------------|----------------------------------|---|
| FAN SW. TURNED ON      | ON     | ON                             | ON              | ON         | ON                               | NOTE: HVAC UNITS MUST BE ON BEFORE EX FAN CAN COME ON |
| FAN SW. TURNED OFF     | OFF    | OFF                            | ON              | ON         | OFF                              |   |
| FIRE SYSTEM DISCHARGES | ON     | OFF                            | OFF             | OFF        | OFF                              |   |
| SLIPPING FAN BELT      | ON     | OFF                            | ON              | ON         | OFF                              | PWR TO COOKING EQUIP. OFF VIA CURRENT SENSOR          |
| BROKEN FAN BELT        | ON     | OFF                            | ON              | ON         | OFF                              | PWR TO COOKING EQUIP. OFF VIA CURRENT SENSOR          |
| POWER OUTGE            | OFF    | OFF                            | ON              | OFF        | OFF                              |   |
| HVAC SYSTEM TURNED OFF | OFF    | OFF                            | ON              | OFF        | OFF                              |   |



**H&K International**  
 Restaurant Equipment Systems Worldwide  
 2200 Skyline Dr, Mesquite, TX 75149, USA  
 800-788-2446

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|                 |                |
|-----------------|----------------|
| DATE: 5/23/2016 | UNITS: mm [in] |
| DRAWN: Rrio     | SIZE: A        |
| SCALE:          | SHEET 15 OF 18 |
| COMMENTS:       |                |



THIRD ANGLE PROJECTION

|   |             |           |
|---|-------------|-----------|
| TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |             |           |
| REV                                       | REVISION    | DATE      |
| A   | 20171223 CC | 7/18/2017 |



ITEM NO: M-52415-1-EM



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



FOR COMMERCIAL AND INSTITUTIONAL COOKING EQUIPMENT

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

MODEL NUMBER: 52415-1, HOOD LENGTH 7 FT - 7IN.  
 USED ON BROILER/OVEN

SERIAL NUMBER 5371116-007  
 MANUFACTURING I.D. HKD  
 MANUFACTURE DATE 06/03/15

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

BROILER (RATED UP TO 100 KBTU/HR):  
 MAXIMUM: 17 IN (432mm) SIDE: 12 IN (305mm)  
 MINIMUM: 3 IN (127mm) FRONT: 6 IN (153mm)

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

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

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



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



POUR EQUIPEMENT COMMERCIAL ET INSTITUTIONNEL

UL710, NORME POUR SORBONNES EQUIPMENT DE CUISSON  
 COMMERCIAL, 6TH EDITION  
 CAN/ULC-S64610, NORME POUR HOTTES ET LES CONTROLES  
 CONNEXES, 3EME EDITION, JUILLET 2010

No. DE MODELE: 52415-1, HOOD LENGTH 7 FT - 7IN.  
 UTILISES SUR CHAIR / FOUR

NO. DE SERIE 5371116-006  
 NO DE FABRICATION. HKD  
 DATE DE FABRICATION 06/03/15

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

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

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

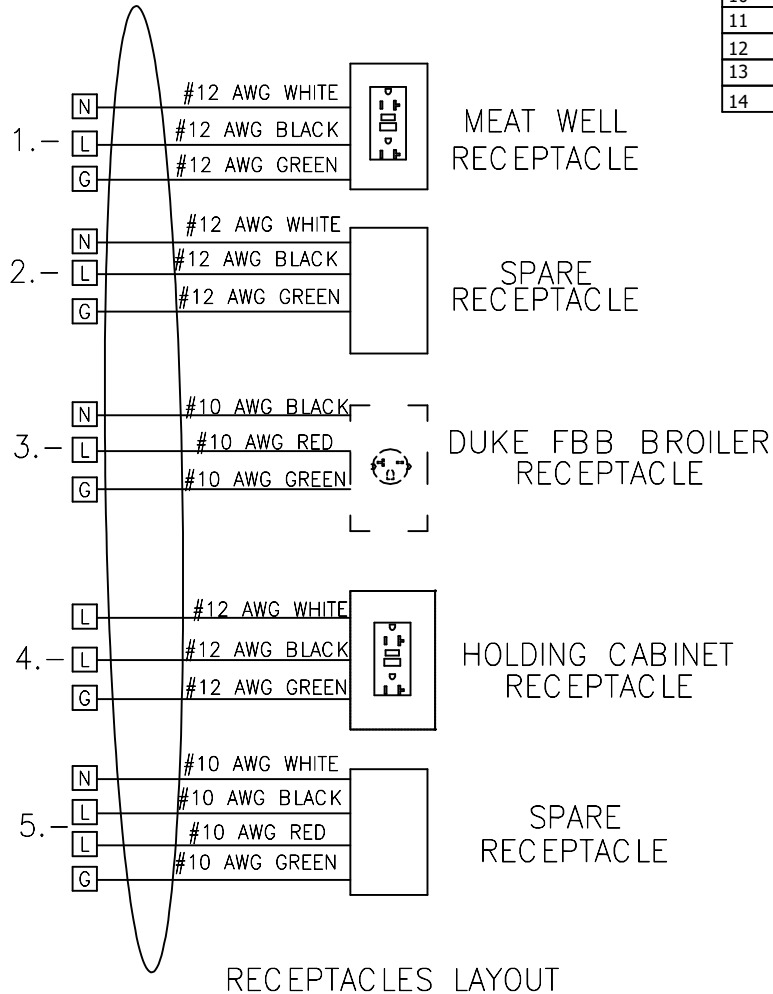
DEBIT D'AIR MINIMUM: 145 CFM/FT / TOTAL 1100 CFM (13.5  
 CU.M/MIN/M / TOTAL 31.1 CU.M/MIN)

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

|  |                 |                |                               |   |             |           |                       |
|--|-----------------|----------------|-------------------------------|---|-------------|-----------|-----------------------|
| <p><b>H&amp;K International</b><br/>         Restaurant Equipment Systems Worldwide<br/>         2200 Skyline Dr, Mesquite,<br/>         TX 75149, USA<br/>         800-788-2445</p>         | DATE: 5/23/2016 | UNITS: mm [in] | <p>THIRD ANGLE PROJECTION</p> | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |             |           |                       |
|  | DRAWN: Rrio     | SIZE: A        |                               | REV                                       | REVISION    | DATE      |                       |
|  | SCALE:          | 16 OF 18       |                               | A   | 20171223 CC | 7/18/2017 | ITEM NO: M-52415-1-EM |
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ALL WIRES RUN TO BREAKER PANEL  
PROVIDED BY CONTRACTOR



NOTES:

- 1.— NEICO MPB94 BROILER REQUIRES 208-240V, 30 AMP NEMA TWIST LOCK LG 30R
- 2.— DUKE BROILER REQUIRES SINGLE RECEPTACLE NEMA 5-20R HOSPITAL GRADE PROVIDED BY CONTRACTOR
- 3.— IF LOCAL CODE REQUIRES G.F.I. PROTECTION, THE PROTECTION SHALL BE PROVIDED IN THE CIRCUIT BREAKER PANEL BY THE ELECTRICIAN.

| ITEM NO. | QTY REQD. | PART_NO   | R | DESCRIPTION                         | MATERIAL |
|----------|-----------|-----------|---|-------------------------------------|----------|
| 1        | 26 FT     | E-10-9-1  | - | (FS)!CONDUIT (FS) 1/2 FLEX, ST      | -        |
| 2        | 2         | E-1-111   | - | RECEPT,HBL GF20LBULK 20A GFCI       | -        |
| 3        | 22 FT     | E-10-16   | - | [ ]WIRE,12-BK-THHN STRND 600V       | -        |
| 4        | 16 FT     | E-10-16-1 | - | [ ]WIRE,12-WH-THHN STRND 600V       | -        |
| 5        | 22 FT     | E-10-16-2 | - | [ ]WIRE,12-GR-THHN STRND 600V       | -        |
| 6        | 6 FT      | E-10-17   | - | [ ]WIRE,10-BK-THHN STRND 600V       | -        |
| 7        | 6 FT      | E-10-17-1 | - | [ ]WIRE,10-WH-THHN STRND 600V       | -        |
| 8        | 6 FT      | E-10-17-2 | - | [ ]WIRE,10-GR-THHN STRND 600V       | -        |
| 9        | 6 FT      | E-10-17-4 | - | [ ]!WIRE,10-RD-THHN STRND 600V      | -        |
| 10       | 5         | E-2-12    | - | J-BOX (FS) 2-1/8 X 4 X 1-7/8        | -        |
| 11       | 5         | E-2-12-1  | - | J-BOX, 4 X 4 X 1 1/4                | -        |
| 12       | 5         | E-2-5     | - | !COVERPLATE(FS) BLANK,4X4 GALV#52C1 | -        |
| 13       | 2         | E-1-08    | - | COVER PLATE,(FS) FOR GFCI S/S 97401 | -        |
| 14       | 10        | E-8-50    | - | !CONNECTOR 1/2" FLEX ST #TB254      | -        |

**H&K International**  
Restaurant Equipment Systems Worldwide  
2200 Skyline Dr, Mesquite, TX 75149, USA  
800-788-2446

DATE: 5/23/2016  
DRAWN: Rrio  
SCALE:

UNITS: mm [in]  
SIZE: A  
SHEET: 17 OF 18

THIRD ANGLE PROJECTION

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TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES

REV: A  
REVISION: 20171223 CC  
DATE: 7/18/2017

COMMENTS:

**BURGER KING**

ITEM NO: M-52415-1-EM

## Contact Information for the Job Site Contractor

### Overview

Typically the package provided by HK International includes the following:

1. One Hood
2. One Metal Fab UL listed grease exhaust duct system
3. One Loren Cook exhaust fan
4. One Amerex fire system, to serve both Broiler & Fryer Hoods.

The shipment from HK includes the following:

1. Broiler Hood
2. Broiler Hood Enclosure Panels
3. Broiler Hood Wall Flashing
4. One Exhaust Fan Discharge Duct Extension

NOTE 1 : If optional Square Duct Kit is ordered, the kit will be shipped with the hood.

Manufactured by:

**H&K International**  
2200 Skyline Dr.  
Mesquite, TX 75149  
U.S.A

Telephone: (214) 818-3500  
(214) 818-3596

Distributed by:

**H&K International**  
2200 Skyline Dr.  
Mesquite, TX 75149  
U.S.A

Telephone: (214) 818-3500  
(214) 818-3596

### **Part Ordering and Service**

#### *Returns*

Contact: **H&K International**  
2200 Skyline Dr.  
Mesquite, TX 75149  
U.S.A

Telephone: (214) 818-3500  
(214) 818-3596

#### *Damages and Shortages*

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

#### *Service and parts*

Contact: **H&K International**  
2200 Skyline Dr.  
Mesquite, TX 75149  
U.S.A

Telephone: (214) 818-3500  
(214) 818-3596

### Contact Information

#### **Sales Support**

Heather Valverde  
Telephone: (214) 818-3521  
E-mail: heather.valverde@hki.com

#### **Engineering Support**

Bryan Tonn  
Telephone: (214) 818-3580  
E-mail: bryan.tonn@hki.com  
Allen Barton  
Telephone: (214) 818-3625  
E-mail: allen.barton@hki.com

Metal-Fab Duct Installation Questions  
Metal-Fab Inc., Wichita, Kansas

1. Customer Service, Commercial Vent Products: 800-835-2830

Loren Cook Fan Installation Questions


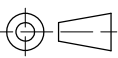

- Loren Cook Company, Springfield, Missouri:
1. David Ray Office Phone: 417-869-6474

Amerex Fire System Installation

The Hood has been factory pre-piped for an Amerex fire suppression system. As an option, a complete installation of the fire system can be purchased from H&K. This includes all plans, permits, check out and certification. The local Amerex distributor will bring all system components at the time of installation.

Important Note: The local Amerex distributor will make contact with the general contractor to set up the installation schedule. If you have not heard from the distributor contact:

- Amerex Corporation, Trussville, Alabama
1. Karen Mann Office Phone: 205-655-5730

|   |                 |                |  |   |           |                       |   |
|---|-----------------|----------------|--|---|-----------|-----------------------|---|
|  <b>H&amp;K International</b><br>Restaurant Equipment Systems Worldwide<br>2200 Skyline Dr, Mesquite,<br>TX 75149, USA<br>800-788-2448 | DATE: 5/23/2016 | UNITS: mm [in] |  THIRD ANGLE PROJECTION | TITLE: 7'-7" BROILER/OVEN HOOD ROC STORES |           |                       |  |
|   | DRAWN: Rrio     | SIZE: A        |  | REV                                       | REVISION  | DATE                  |   |
| SCALE:  | SHEET 18 OF 18  | COMMENTS:      | A  | 20171223 CC                               | 7/18/2017 | ITEM NO: M-52415-1-EM |   |
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