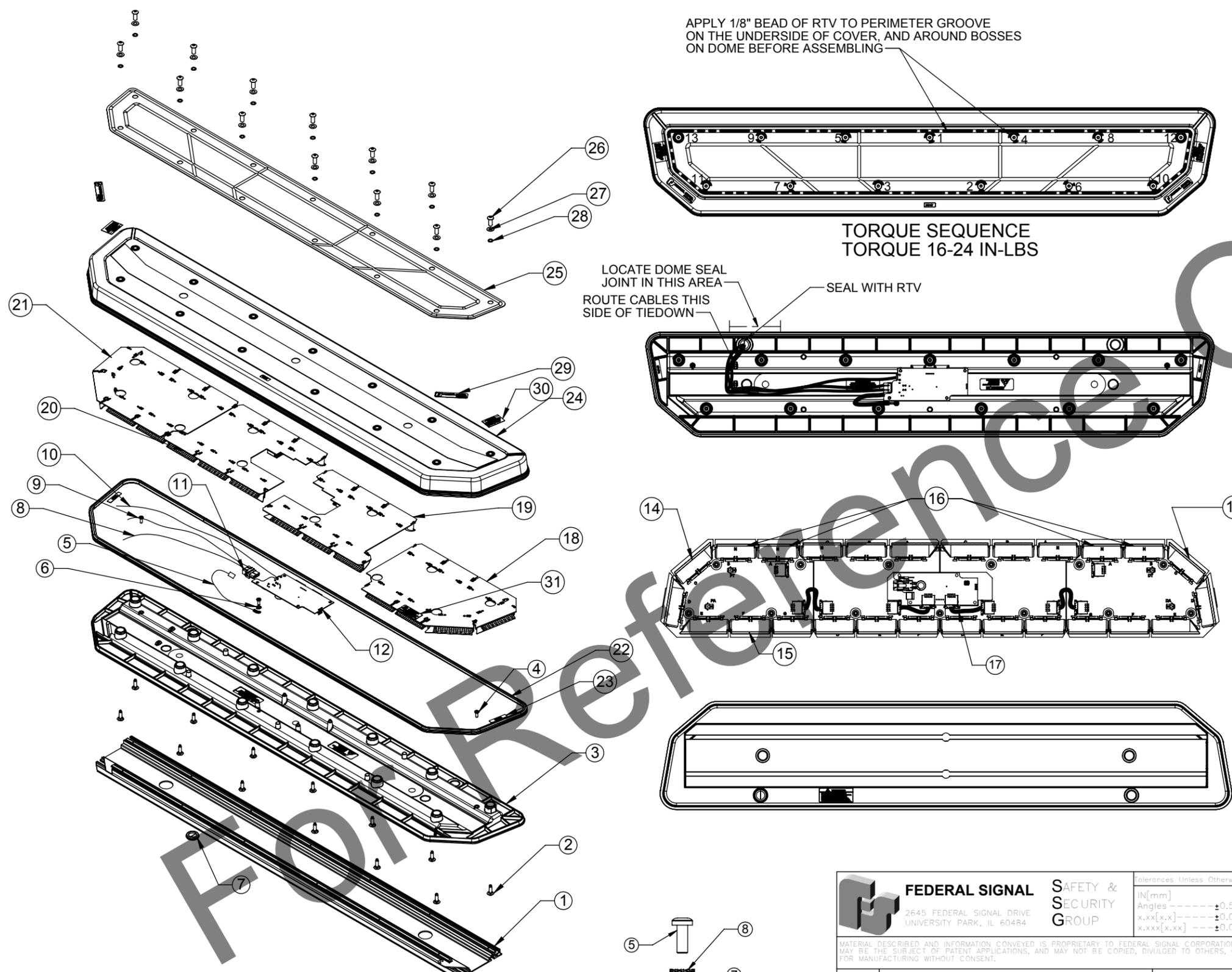


D

C

B

A

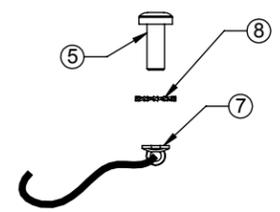
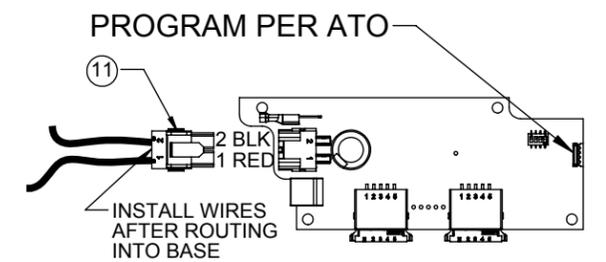


APPLY 1/8" BEAD OF RTV TO PERIMETER GROOVE ON THE UNDERSIDE OF COVER, AND AROUND BOSSES ON DOME BEFORE ASSEMBLING

TORQUE SEQUENCE  
TORQUE 16-24 IN-LBS

LOCATE DOME SEAL JOINT IN THIS AREA  
ROUTE CABLES THIS SIDE OF TIEDOWN  
SEAL WITH RTV

| REV | ITEM NO. | QTY. | PART NO.        | DESCRIPTION                         |
|-----|----------|------|-----------------|-------------------------------------|
|     | 1        | 1    | 864900257-51    | EXTR,51" HWY BAR                    |
|     | 2        | 13   | 7004031-14      | BOLT,1/4-20, CARR,DOGPOINT          |
|     | 3        | 1    | 864900255       | BASE,51" HWY BAR                    |
|     | 4        | 3    | 7011246-08      | SCREW,#10 TYPE B, TORX, SS BLK      |
|     | 5        | 1    | T3001218-10-001 | T-WIRE                              |
|     | 6        | 1    | 7075A031        | WASHER, EXT TTH, #10                |
|     | 7        | 1    | 228134          | GROMMET,SPLIT WEB                   |
|     | 8        | 1    | T300210-02-027  | T-WIRE,23FT                         |
|     | 9        | 1    | T300210-10-029  | T-WIRE,23FT                         |
|     | 10       | 1    | 1751357-02      | CABLE,CA T5,25'                     |
|     | 11       | 1    | 139532-02       | HOUSING,RECPT, 393 PITCH,MINIFIT SR |
|     | 12       | 1    | 2005653         | PCBA,CTRL BD,VALR                   |
|     | 13       | 4    | 8651104         | REFLECTOR, ANGLED,LH                |
|     | 14       | 4    | 8651105         | REFLECTOR, ANGLED,RH                |
|     | 15       | 14   | 8651110         | REFLECTOR,SPREAD, MULTI             |
|     | 16       | 4    | 8651111         | REFLECTOR,NARROW, MULTI             |
|     | 17       | 4    | 1461861-05      | HARNES,ROC,VALR                     |
|     | 18       | 1    | INT00037        | PCBA,DE,INTG51 (CONFIG)             |
|     | 19       | 1    | 20000068        | PCBA,DI,INTG(CONFIG)                |
|     | 20       | 1    | 20000069        | PCBA,PI,INTG(CONFIG)                |
|     | 21       | 1    | INT00038        | PCBA,PE,INTG51(CONFIG)              |
|     | 22       | 1    | 8651116-51      | SEAL,EXTRUDED,VALR51                |
|     | 23       | 2    | 1613098         | LABEL, SERVICE SN                   |
|     | 24       | 1    | 864900256       | DOME,51" HWY BAR                    |
|     | 25       | 1    | 864900261       | COVER,51" HWY BAR                   |
|     | 26       | 13   | 7065071         | NUT,BARREL, 1/4-20 SS, BLK          |
|     | 27       | 13   | 7072301         | WASHER, NYLON, 5/16 FLAT            |
|     | 28       | 13   | 7067016         | O-RING,AS568A-011                   |
|     | 29       | 2    | 864900434       | NAMEPLATE,INTEGRITY                 |
|     | 30       | 2    | 1612358         | LABEL,WARNING,BRIGHT LIGHT          |
| A1  | 31       | 1    | 81462327-02     | LABEL,NAMEPLATE,PATENT              |
|     | NS       | 0.1  | R70-08-02       | RTV                                 |

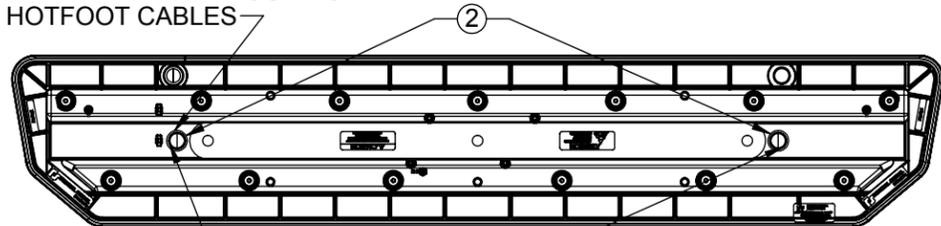


SHEET: 1 OF 2  
UNITS: INCHES

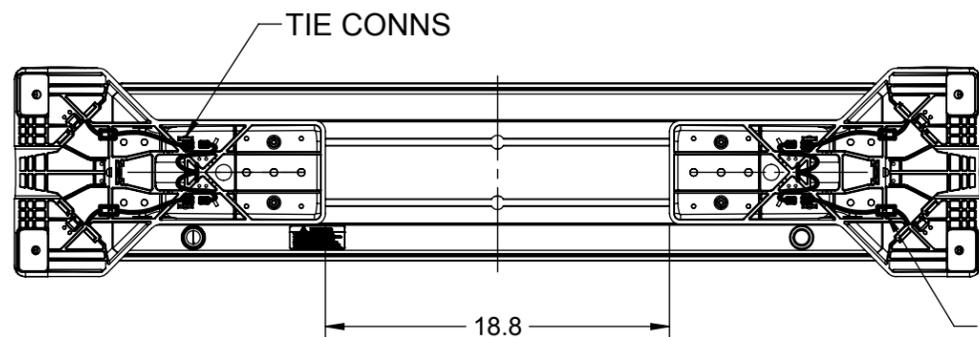
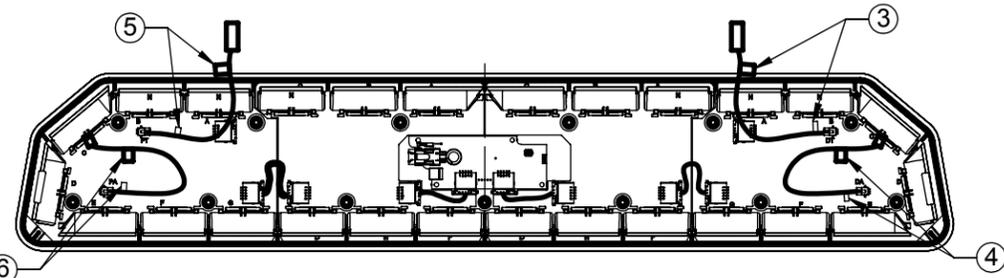
|                                                                                                                                                                                                                                  |                       |                                    |                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FEDERAL SIGNAL</b><br>2645 FEDERAL SIGNAL DRIVE<br>UNIVERSITY PARK, IL 60484                                                                                                                                                  |                       | <b>SAFETY &amp; SECURITY GROUP</b> | Tolerances Unless Otherwise Specified<br>IN[mm] -----±0.5°<br>Angles -----±0.015[±0.4]<br>x.xx[x.x] -----±0.005[±0.12]<br>x.xxx[x.xx] -----±0.005[±0.12] |
| MATERIAL DESCRIBED AND INFORMATION CONVEYED IS PROPRIETARY TO FEDERAL SIGNAL CORPORATION, IS OR MAY BE THE SUBJECT OF PATENT APPLICATIONS, AND MAY NOT BE COPIED, DIVULGED TO OTHERS, OR USED FOR MANUFACTURING WITHOUT CONSENT. |                       |                                    |                                                                                                                                                          |
| A2                                                                                                                                                                                                                               | SEE ECR# 1389         | 11/04/13                           | CPM                                                                                                                                                      |
| A1                                                                                                                                                                                                                               | SEE ECR# 1257         | 10/08/13                           | CPM                                                                                                                                                      |
| A0                                                                                                                                                                                                                               | REL TO PROD ECR# 1175 | 09/23/13                           | CPM                                                                                                                                                      |
| REV.                                                                                                                                                                                                                             | CHANGE                | DATE                               | BY                                                                                                                                                       |

|                                       |  |  |                                  |                   |
|---------------------------------------|--|--|----------------------------------|-------------------|
| NAME                                  |  |  | <b>FINAL ASSY, 51" INTEGRITY</b> |                   |
| FINISH                                |  |  | **                               |                   |
| MATERIAL                              |  |  | **                               |                   |
| DRAWN BY: CPM                         |  |  | CHKD. BY: GRF                    | DRAWING NUMBER    |
| DATE: 09/20/13                        |  |  | DATE: 09/20/13                   | <b>864900264A</b> |
| REMOVE BURRS, SHARP CORNERS AND EDGES |  |  | SCALE AT B SIZE:<br><b>1:10</b>  |                   |
|                                       |  |  | THIRD ANGLE PROJECTION           |                   |
|                                       |  |  | UNIT OF MEASURE<br><b>PC</b>     |                   |

SEAL GROMMETS WITH RTV AFTER ROUTING HOTFOOT CABLES



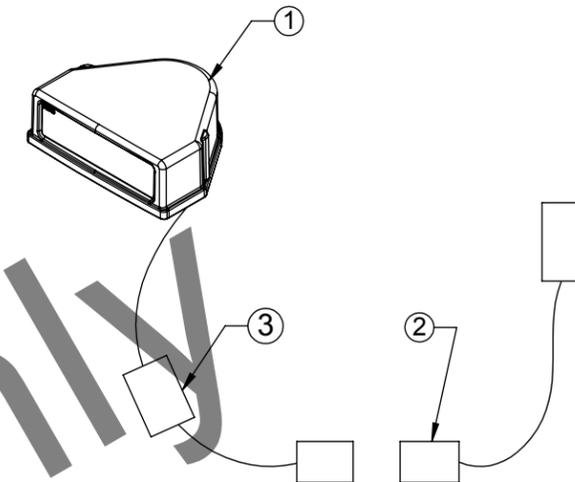
KNOCK OUT, INSTALL GROMMET



TIE CONNS

TIE FERRITES HERE

| ITEM NO. | INO-HFHOOK QTY. | INO-HFPERM QTY. | PART NO.     | DESCRIPTION       |
|----------|-----------------|-----------------|--------------|-------------------|
| 1        | 2               | --              | 864900262    | HOTFOOT,HOOK,INTG |
|          | --              | 2               | 864900262-01 | HOTFOOT,PERM,INTG |
| 2        |                 | 2               | 228134       | GROMMET,WEB       |
| 3        |                 | 2               | 1612318-03   | LABEL,DT          |
| 4        |                 | 2               | 1612318-04   | LABEL,DA          |
| 5        |                 | 2               | 1612318-05   | LABEL,PT          |
| 6        |                 | 2               | 1612318-06   | LABEL,PA          |



| REV | ITEM NO. | QTY. | PART NO.   | DESCRIPTION               |
|-----|----------|------|------------|---------------------------|
|     | 1        | 1    | SEE TABLE  | LED ASSY,SPCTRLX HOTFOOT  |
| A2  | 2        | 1    | 1751583-17 | CABLE,HOTFOOT,INTG        |
| A1  | 3        | 1    | 11300062   | FERRITE,CLAMP ON,TYPE 31  |
| A1  | NS       | 1    | 150A146    | CABLE TIE, BLACK,UV STAB. |

| PART NO.  | ITEM NO.1     | DESCRIPTION           |
|-----------|---------------|-----------------------|
| INO-HFA   | 864900272-A   | LED ASSY,AMB,HWY BAR  |
| INO-HFB   | 864900272-B   | LED ASSY,BLU,HWY BAR  |
| INO-HFR   | 864900272-R   | LED ASSY,RED,HWY BAR  |
| INO-HFT   | 864900272-W   | LED ASSY,WHT,HWY BAR  |
| INO-HFL   | 864900272-W   | LED ASSY,WHT,HWY BAR  |
| INO-HFG   | 864900272-G   | LED ASSY,GRN,HWY BAR  |
| INO-HFBR  | 864900272-BR  | LED ASSY,B/R,HWY BAR  |
| INO-HFBW  | 864900272-BW  | LED ASSY,B/W,HWY BAR  |
| INO-HFRW  | 864900272-RW  | LED ASSY,R/W,HWY BAR  |
| INO-HFBA  | 864900272-BA  | LED ASSY,B/A,HWY BAR  |
| INO-HFRA  | 864900272-RA  | LED ASSY,R/A,HWY BAR  |
| INO-HFWA  | 864900272-WA  | LED ASSY,W/A,HWY BAR  |
| INO-HFBRW | 864900272-BRW | LED ASSY,B/RW,HWY BAR |

HOTFOOT

|                                                                                 |             |                                    |                                                                                                                                                            |                                                                                                                                 |
|---------------------------------------------------------------------------------|-------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>FEDERAL SIGNAL</b><br>2645 FEDERAL SIGNAL DRIVE<br>UNIVERSITY PARK, IL 60484 |             | <b>SAFETY &amp; SECURITY GROUP</b> | Tolerances Unless Otherwise Specified<br>IN[mm] -----:±0.5°<br>Angles -----:±0.015[±0.4]<br>x.xx[x.x]-----:±0.005[±0.12]<br>x.xxx[x.xx]-----:±0.005[±0.12] | NAME<br><b>FINAL ASSY, 51" INTEGRITY</b>                                                                                        |
| MATERIAL<br>**                                                                  |             | FINISH<br>**                       |                                                                                                                                                            | SCALE AT B SIZE:<br><b>1:10</b>                                                                                                 |
| REMOVE BURRS, SHARP CORNERS AND EDGES                                           |             | THIRD ANGLE PROJECTION             |                                                                                                                                                            | UNIT OF MEASURE<br><b>PC</b>                                                                                                    |
| **<br>SEE SHEET 1                                                               | ***<br>DATE | **<br>DATE                         | ***<br>BY                                                                                                                                                  | DRAWN BY: <b>CPM</b><br>CHKD. BY: <b>GRF</b><br>DATE: <b>09/20/13</b> DATE: <b>09/20/13</b> DRAWING NUMBER<br><b>864900264A</b> |
| REV.                                                                            | CHANGE      | DATE                               | BY                                                                                                                                                         |                                                                                                                                 |

SHEET: 2 OF 2  
UNITS: INCHES

D

C

B

A