

**OBOX-X**  
SURFACE MOUNT METAL



**OTIS**

3" LED EXTENDED DESTINATION BLOCK

Long life, solid state LED's with a 100,000 hour rated life. Accepts existing signals over the Otis RSL link. It includes white LED's when floor is available. For arrival they turn either green in the up direction or red in the down with destination characters for 180° viewing. The unit is also equipped with an arrival speaker and destination tones. The programming is dip switch selectable.

**TYPICAL APPLICATIONS:**

- Destination Indicator with auto fill arrival arrows

**FEATURES:**

- 2" characters
- 180° viewing angle lantern
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes speaker for tones
- OTIS RSL input
- ECA
- Optional Metal
- Optional destination voice card + additional cost.
- Note: When adding voice board, this will include our 9SPKRASY03 SPEAKER

**METAL (optional):**

- 70100140 (Vertical & Horizontal)

**OTIS**

Otis Elevator Company

Newberry Road

Bloomfield, CT

Ph: 860.676.6000

**Otis Worldwide**

[www.otisworldwide.com](http://www.otisworldwide.com)



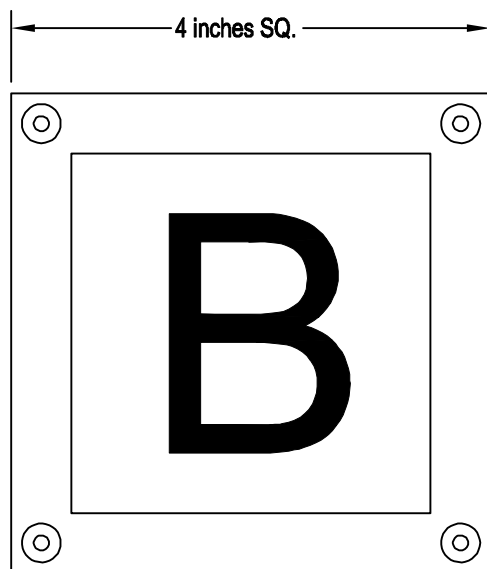


C.E. Electronics, Inc.  
2107 Industrial Drive  
Bryan, OH 43506  
PH (419) 636-6705 FX (419) 636-2516  
www.ccelectronics.com

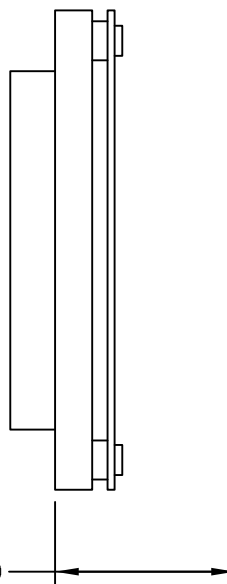
# OBOX-X

Ver. 2 Rel. 11/04/2016

OTIS



1-1/2 INCHES  
CLEARANCE REQUIRED  
FOR ELECTRONICS



## OBOX

### 3 INCH LED EXTENDED DESTINATION BLOCK

Long life, solid state LED's with a 100,000 hour rated life. Accepts existing signals over the Otis RSL link. It includes white LED's when floor is available. For arrival they turn either green in the up direction or red in the down with destination characters for 180° viewing. The unit is also equipped with an arrival speaker and destination tones. The programming is dip switch selectable.

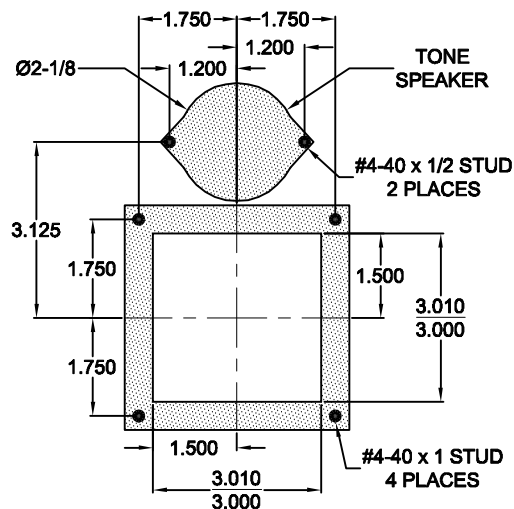
#### Typical Applications

- Destination Indicator with auto fill arrival arrows

#### Features:

- 2 inch characters
- 180° viewing angle lantern
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes speaker for tones
- Otis RSL input
- ECA
- Metal - optional

- Some features may not be available for your system
- Please check with manufacturer for special features
- Consult Manufacturer for lead time



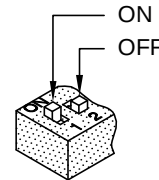
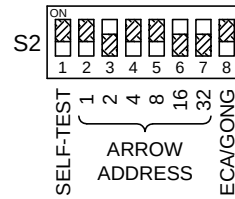
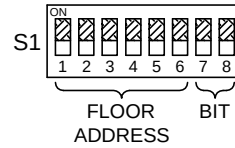
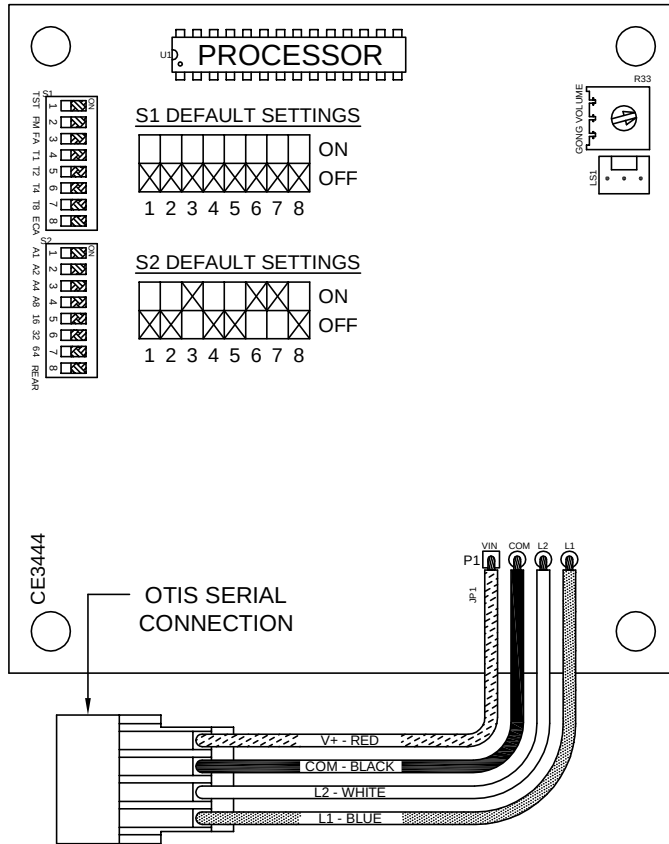
PANEL PREP

## TO ORDER: - SPECIFY OBOX-X

"BLANK" = No Voice

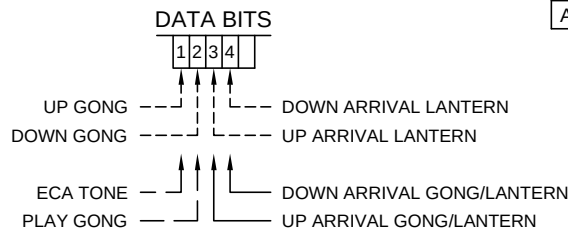
"D" = DESTINATION Voice  
(Adds 1/4 inch to depth)

## CHART TO SELECT ADDRESS WITH DIP SWITCHES



| ADDRESS    | DS1<br>DS2 | DS2<br>DS3 | DS3<br>DS4 | DS4<br>DS5 | DS5<br>DS6 | DS6<br>DS7 | SWITCH<br>VALUE | ADDRESS    |
|------------|------------|------------|------------|------------|------------|------------|-----------------|------------|
| INVALID    | OFF        | OFF        | OFF        | OFF        | OFF        | OFF        | 1               | ADDRESS 32 |
| INVALID    | OFF        | OFF        | OFF        | OFF        | OFF        | OFF        | 2               | ADDRESS 33 |
| INVALID    | OFF        | OFF        | OFF        | OFF        | OFF        | OFF        | 4               | ADDRESS 34 |
| INVALID    | OFF        | OFF        | OFF        | OFF        | OFF        | OFF        | 8               | ADDRESS 35 |
| ADDRESS 4  | OFF        | OFF        | ON         | OFF        | OFF        | OFF        | 16              | ADDRESS 36 |
| ADDRESS 5  | ON         | OFF        | ON         | OFF        | OFF        | OFF        | 32              | ADDRESS 37 |
| ADDRESS 6  | OFF        | ON         | ON         | OFF        | OFF        | OFF        | 1               | ADDRESS 38 |
| ADDRESS 7  | ON         | ON         | ON         | OFF        | OFF        | OFF        | 2               | ADDRESS 39 |
| ADDRESS 8  | OFF        | OFF        | OFF        | ON         | OFF        | OFF        | 4               | ADDRESS 40 |
| ADDRESS 9  | ON         | OFF        | OFF        | ON         | OFF        | OFF        | 8               | ADDRESS 41 |
| ADDRESS 10 | OFF        | ON         | OFF        | ON         | OFF        | OFF        | 16              | ADDRESS 42 |
| ADDRESS 11 | ON         | ON         | OFF        | ON         | OFF        | OFF        | 32              | ADDRESS 43 |
| ADDRESS 12 | OFF        | OFF        | ON         | ON         | OFF        | OFF        | 1               | ADDRESS 44 |
| ADDRESS 13 | ON         | OFF        | ON         | ON         | OFF        | OFF        | 2               | ADDRESS 45 |
| ADDRESS 14 | OFF        | ON         | ON         | ON         | OFF        | OFF        | 4               | ADDRESS 46 |
| ADDRESS 15 | ON         | ON         | ON         | ON         | OFF        | OFF        | 8               | ADDRESS 47 |
| ADDRESS 16 | OFF        | OFF        | OFF        | OFF        | ON         | OFF        | 16              | ADDRESS 48 |
| ADDRESS 17 | ON         | OFF        | OFF        | OFF        | ON         | OFF        | 32              | ADDRESS 49 |
| ADDRESS 18 | OFF        | ON         | OFF        | OFF        | ON         | OFF        | 1               | ADDRESS 50 |
| ADDRESS 19 | ON         | ON         | OFF        | OFF        | ON         | OFF        | 2               | ADDRESS 51 |
| ADDRESS 20 | OFF        | OFF        | ON         | OFF        | ON         | OFF        | 4               | ADDRESS 52 |
| ADDRESS 21 | ON         | OFF        | ON         | OFF        | ON         | OFF        | 8               | ADDRESS 53 |
| ADDRESS 22 | OFF        | ON         | ON         | OFF        | ON         | OFF        | 16              | ADDRESS 54 |
| ADDRESS 23 | ON         | ON         | ON         | OFF        | ON         | OFF        | 32              | ADDRESS 55 |
| ADDRESS 24 | OFF        | OFF        | OFF        | ON         | ON         | OFF        | 1               | ADDRESS 56 |
| ADDRESS 25 | ON         | OFF        | OFF        | ON         | ON         | OFF        | 2               | ADDRESS 57 |
| ADDRESS 26 | OFF        | ON         | OFF        | ON         | ON         | OFF        | 4               | ADDRESS 58 |
| ADDRESS 27 | ON         | ON         | OFF        | ON         | ON         | OFF        | 8               | ADDRESS 59 |
| ADDRESS 28 | OFF        | OFF        | ON         | ON         | ON         | OFF        | 16              | ADDRESS 60 |
| ADDRESS 29 | ON         | OFF        | ON         | ON         | ON         | OFF        | 32              | ADDRESS 61 |
| ADDRESS 30 | OFF        | ON         | ON         | ON         | ON         | OFF        | 1               | ADDRESS 62 |
| ADDRESS 31 | ON         | ON         | ON         | ON         | ON         | OFF        | 2               | ADDRESS 63 |

| S1-DS7 | S1-DS8 | BIT # |
|--------|--------|-------|
| 0      | 0      | 1     |
| 1      | 0      | 2     |
| 0      | 1      | 3     |
| 1      | 1      | 4     |



| S2-DS1 | S2-DS8 | FUNCTION                                                   |
|--------|--------|------------------------------------------------------------|
| 1      | 0      | SELF-TEST MODE                                             |
| 0      | 0      | GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE)        |
| 0      | 1      | GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)            |
| 1      | 1      | ECA MODE - GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE) |

CODE VERSION \_\_\_\_\_

BOARD VERSION CE3444 \_\_\_\_\_

----- = DIP SWITCH 8 OFF  
 ----- = DIP SWITCH 8 ON  
 - - - - - = DIP SWITCH 1 AND 8 ON

|                                               |                         |                     |                                                                                        |
|-----------------------------------------------|-------------------------|---------------------|----------------------------------------------------------------------------------------|
| DATE DRAWN:<br>03/25/10                       | DRAWN BY:<br>DAC        | REQUESTED BY:<br>SR | C.E. ELECTRONICS, INC.<br>2107 Industrial Drive<br>Bryan, Ohio 43506<br>(419) 636-6705 |
| BOARD NUMBER:<br>3444                         | LAST DATE REVISED:<br>- | APPROVED BY:        |                                                                                        |
| PRODUCT<br>BOX DISPLAY WITH OTIS SERIAL INPUT | DWG. NO.<br>OBOX_01     | REV.<br>-           |                                                                                        |

The following Otis data must be furnished at the specified address for the Otis Serial Indicator to work properly. The address is selected by setting DIP switches 2-7 as shown on the back of this page. The board reads the address determined by the DIP switch setting. For example, if the DIP switch is set to address 50, the board will read the bits at address 50.

At DIP switch address—selected by the DIP switch on the unit (Default 50):

### **Normal Operation**

DIP switch 1 puts the unit in self-test mode.

DIP switch 1 and DIP switch 8 *OFF*:

- Bit 1—Up Gong (Single)
- Bit 2—Down Gong (Double)
- Bit 3—Up Arrival Arrow/Lantern
- Bit 4—Down Arrival Arrow/Lantern

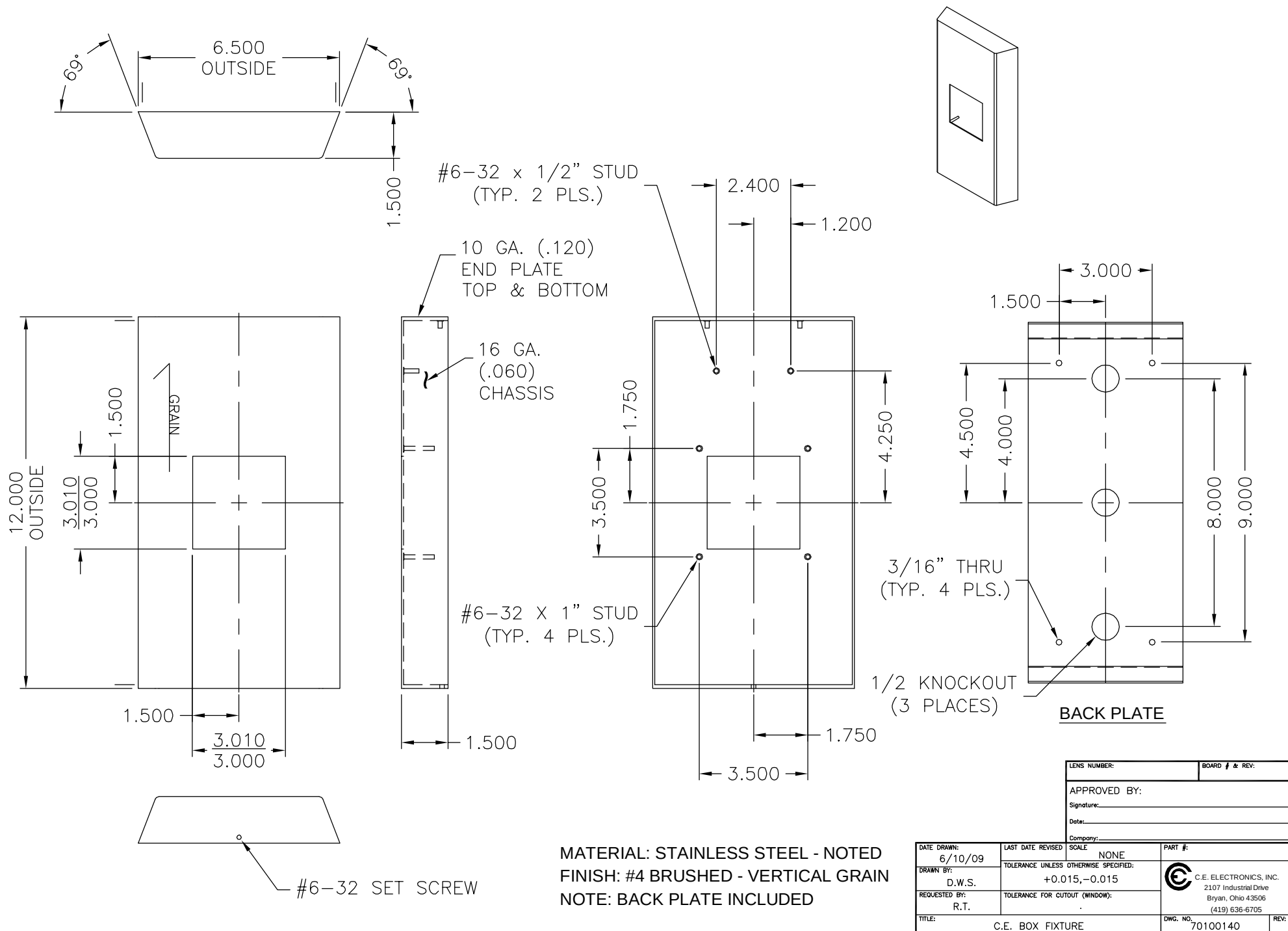
DIP switch 1 *OFF* and DIP switch 8 *ON*:

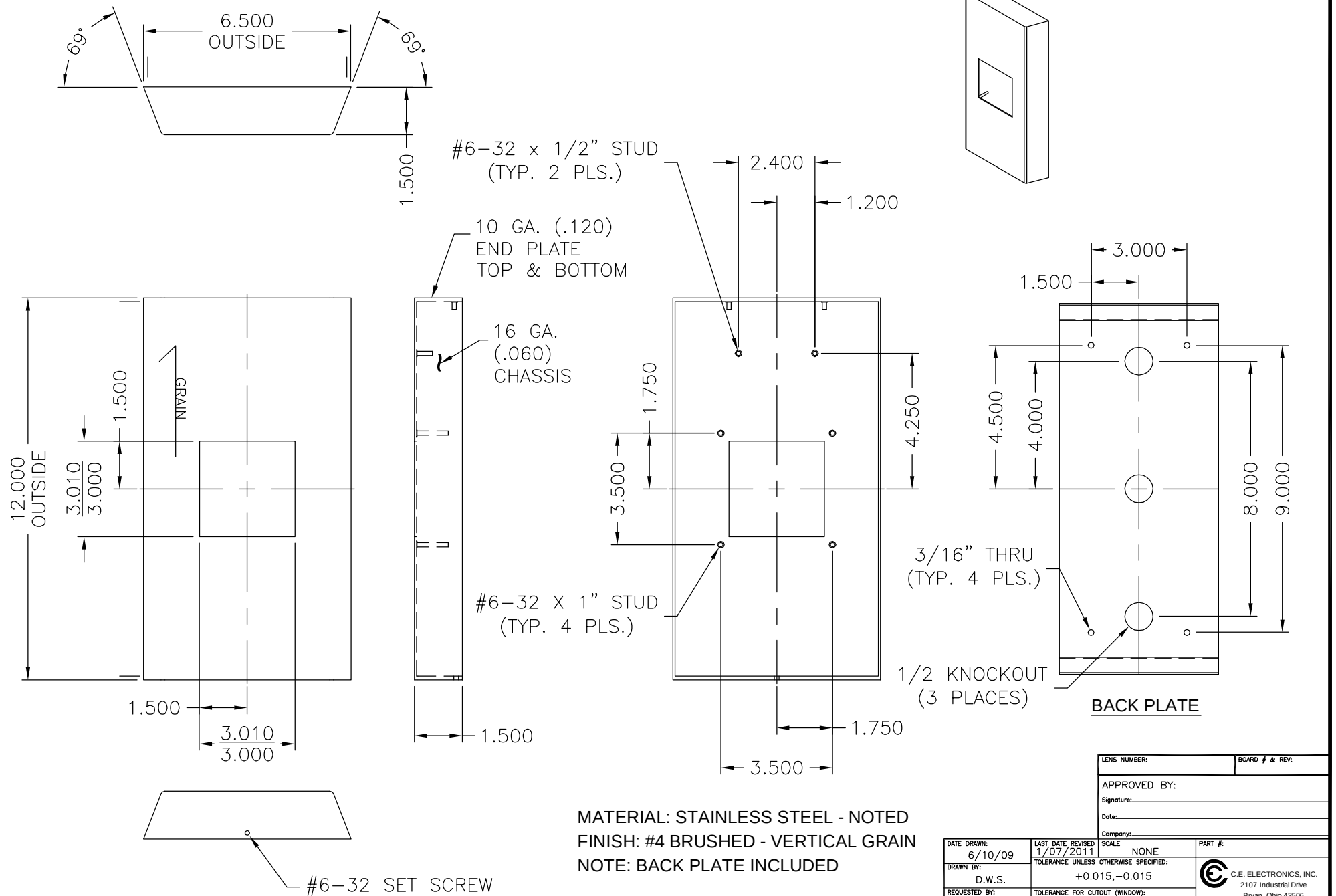
- Bit 1—Not Used
- Bit 2—Not Used
- Bit 3—Up Arrival Arrow/Lantern and Up Gong (Single)
- Bit 4—Down Arrival Arrow/Lantern and Down Gong (Single)

### **ECA Operation**

DIP switches 1 and 8 *ON* puts the unit in ECA Mode:

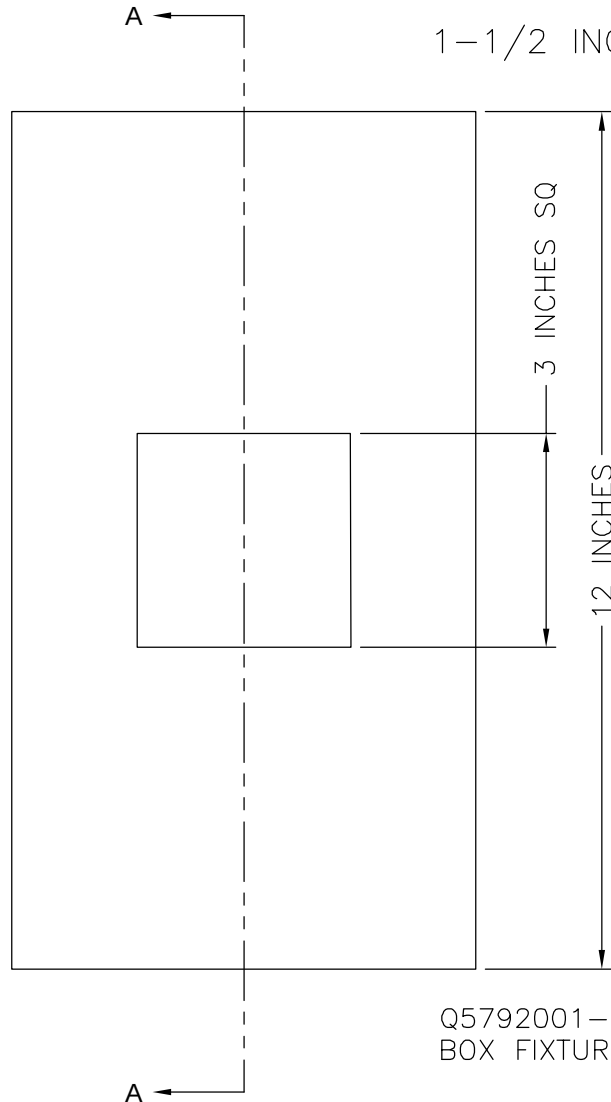
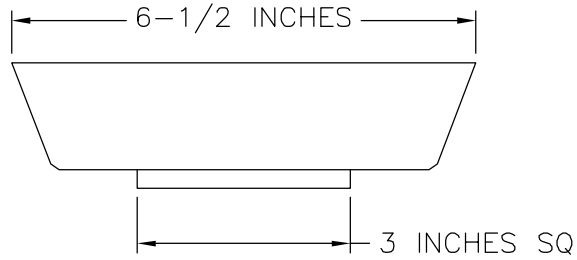
- Bit 1—ECA Tone
- Bit 2—Play Gong
- Bit 3—Up Arrival Arrow/Lantern (Single Gong)
- Bit 4—Down Arrival Arrow/Lantern (Double Gong)



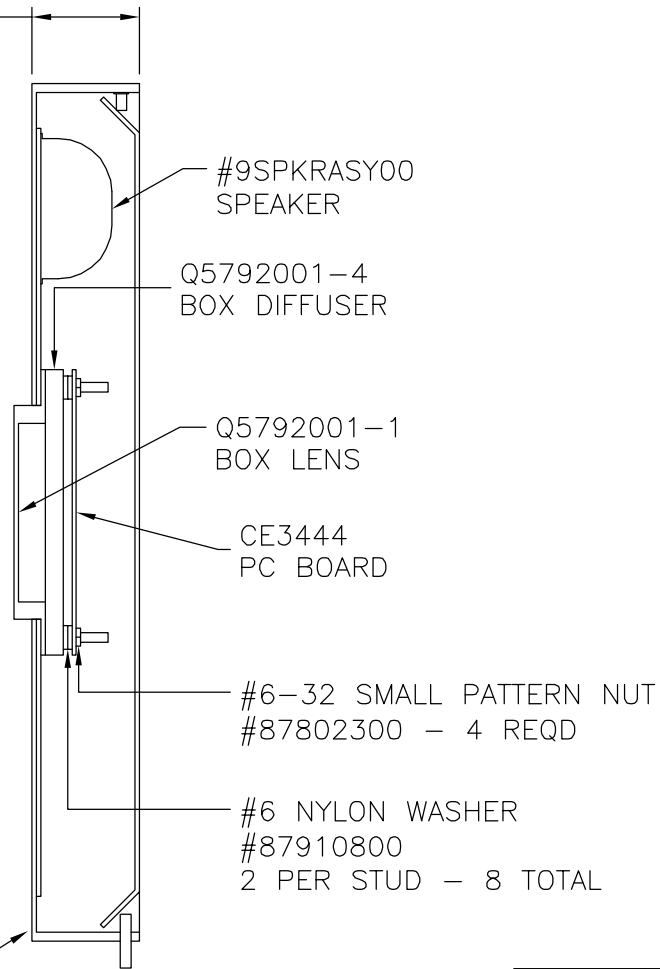


|                            |                                                         |                      |           |
|----------------------------|---------------------------------------------------------|----------------------|-----------|
| LENS NUMBER:               |                                                         | BOARD # & REV:       |           |
| APPROVED BY:               |                                                         |                      |           |
| Signature: _____           |                                                         |                      |           |
| Date: _____                |                                                         |                      |           |
| Company: _____             |                                                         |                      |           |
| DATE DRAWN:<br>6/10/09     | LAST DATE REVISED<br>1/07/2011                          | SCALE<br>NONE        | PART #:   |
| DRAWN BY:<br>D.W.S.        | TOLERANCE UNLESS OTHERWISE SPECIFIED:<br>+0.015, -0.015 |                      |           |
| REQUESTED BY:<br>R.T.      | TOLERANCE FOR CUTOFF (WINDOW):                          |                      |           |
| TITLE:<br>C.E. BOX FIXTURE |                                                         | DWG. NO.<br>70100140 | REV:<br>A |

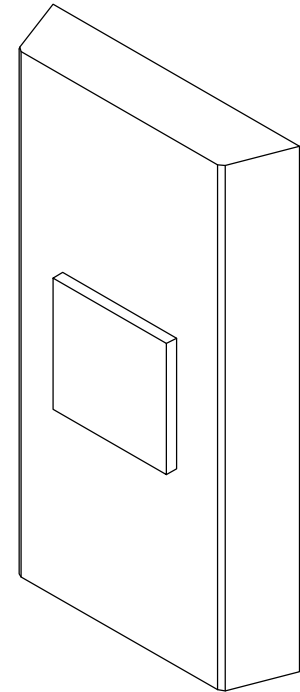
70100140



SECTION A-A



Q5792001-2  
BOX FIXTURE



|                  |                |
|------------------|----------------|
| LENS NUMBER:     | BOARD # & REV: |
| APPROVED BY:     |                |
| Signature: _____ |                |
| Date: _____      |                |
| Company: _____   |                |

|                                  |                                                        |                                                                                                                                                                                     |                                   |
|----------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| DATE DRAWN:<br>6/10/09           | LAST DATE REVISED<br>1/07/2011                         | SCALE<br>NONE                                                                                                                                                                       | PART #:                           |
| DRAWN BY:<br>D.W.S.              | TOLERANCE UNLESS OTHERWISE SPECIFIED:<br>+0.015,-0.015 |  <b>C.E. ELECTRONICS, INC.</b><br>2107 Industrial Drive<br>Bryan, Ohio 43506<br>(419) 636-6705 |                                   |
| REQUESTED BY:<br>R.T.            | TOLERANCE FOR CUTOFF (WINDOW):<br>.                    |                                                                                                                                                                                     |                                   |
| TITLE:<br>BOX FIXTURE - CUSTOMER |                                                        |                                                                                                                                                                                     | DWG. NO.<br>70100140<br>REV:<br>A |

