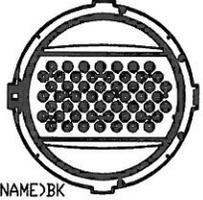


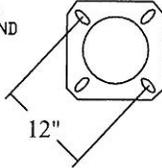
LUMINAIRE DETAIL

- LED MODULE SPECS
- 120-277 VAC INPUT VOLTAGE
  - 49 TOTAL LEDS
  - 6000K COLOR TEMPERATURE (CCT)
  - 72 CRI % LUMEN
  - IP66 RATED OPTICAL ASSEMBLY
  - 70,000 HOURS @ 70% MAINTENANCE
  - -40C TO 50C TEMPERATURE RANGE

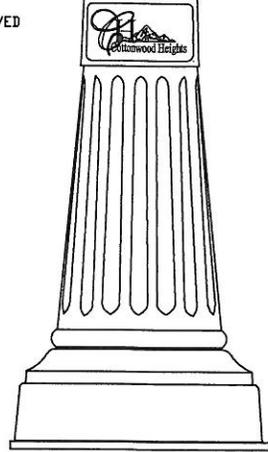


- LED'S: 49 INDIVIDUAL, INJECTION MOLDED CLEAR LENS PRISMS

BASE BY MOUNTAIN STATES LIGHTING  
 HIGH DENSITY ELASTOMER DECORATIVE  
 BASE, DENSITY OF 71 LBS PER CUBIC FOOT.  
 PAINTED BLACK WITH A MODIFIED  
 URETHANE COATING.  
 ELASTOMER, 1/2" MIN. THICKNESS.  
 "CITY LOGO" CAST INTO  
 BASE AND PAINTED GOLD.  
 HANDHOLE LOCATED BEHIND  
 TWO PIECE BASE.



ANCHOR BASE DETAIL  
 12" BOLT CIRCLE  
 ANCHOR BOLTS: 1" x 36"



DECORATIVE BASE DETAIL

ASSEMBLY COLOR: BLACK

**Cottonwood Heights**  
 1265 E. Fort Union Blvd., Ste. 250  
 Cottonwood Heights, Utah 84047  
 Phone 801-944-7000  
 Fax 801-944-7005

**Mountain States Lighting**  
 609 Krista Court  
 Murray, Utah 84123  
 Phone 801-268-4879  
 Fax 801-605-9058

JOB NAME: <b>Cottonwood Heights</b>			
Arterial Twin Teardrop Assembly			
SCALE: <b>NTS</b>	DATE: <b>03/25/11</b>	DRAWN BY: <b>XEM</b>	DRAWING NUMBER: <b>CH-SL-01</b>
COTTONWOOD HEIGHTS CITY APPROVAL:			

POLYURETHANE FINIAL

4'-0"

PHOTOCELL 8 YR WARRANTY  
RIPLEY # 6390TF-BK

HANG STRAIGHT PLUMBIZER  
WITH PHOTOCELL RECEPTACLE

FIXTURE:  
HADCO #C7477 88W LED

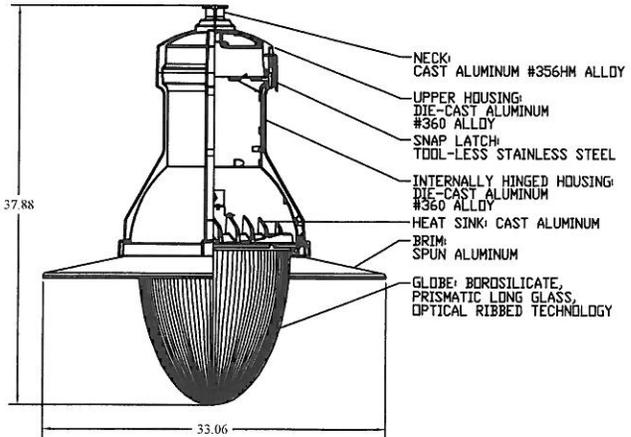
120 VOLT  
RECEPTACLE

2'-6"

1'-0"

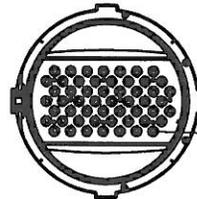
6'-0"

25'-0"



LUMINAIRE DETAIL

- LED MODULE SPECS
- 120-277 VAC INPUT VOLTAGE
  - 49 TOTAL LEDS
  - 6000K COLOR TEMPERATURE (CCT)
  - 72 CRI % LUMEN
  - IP66 RATED OPTICAL ASSEMBLY
  - 70,000 HOURS @ 70% MAINTENANCE
  - -40C TO 50C TEMPERATURE RANGE



Bottom View  
W/ GLOBE & BRIM REMOVED

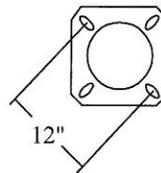
LED'S: 49 INDIVIDUAL,  
INJECTION MOLDED CLEAR  
LENS PRISMS

POLE BY MOUNTAIN STATES LIGHTING  
P#25TFS-7/4.5-(2)ARM/MES/48"L-22MAD(NAME)BK  
25' TAPERED FLUTED STEEL  
PAINTED BLACK WITH FIRST 16'  
OF POLE AND BASE PLATE COATED  
WITH INDUSTRIAL ZINC COATING  
MIN EPA DF 12 IN 80 MPH ZONE (1.3 GUST FACTOR)

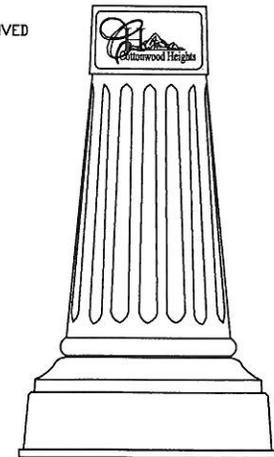
BASE BY MOUNTAIN STATES LIGHTING  
HIGH DENSITY ELASTOMER DECORATIVE  
BASE, DENSITY OF 71 LBS PER CUBIC FOOT.  
PAINTED BLACK WITH A MODIFIED  
URETHANE COATING.  
ELASTOMER, 1/2" MIN. THICKNESS.  
'CITY LOGO' CAST INTO  
BASE AND PAINTED GOLD.  
HANDHOLE LOCATED BEHIND  
TWO PIECE BASE.

38"

22"



ANCHOR BASE DETAIL  
12" BOLT CIRCLE  
ANCHOR BOLTS: 1" x 36"



DECORATIVE BASE DETAIL

ASSEMBLY COLOR: BLACK

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Murray, Utah 84123  
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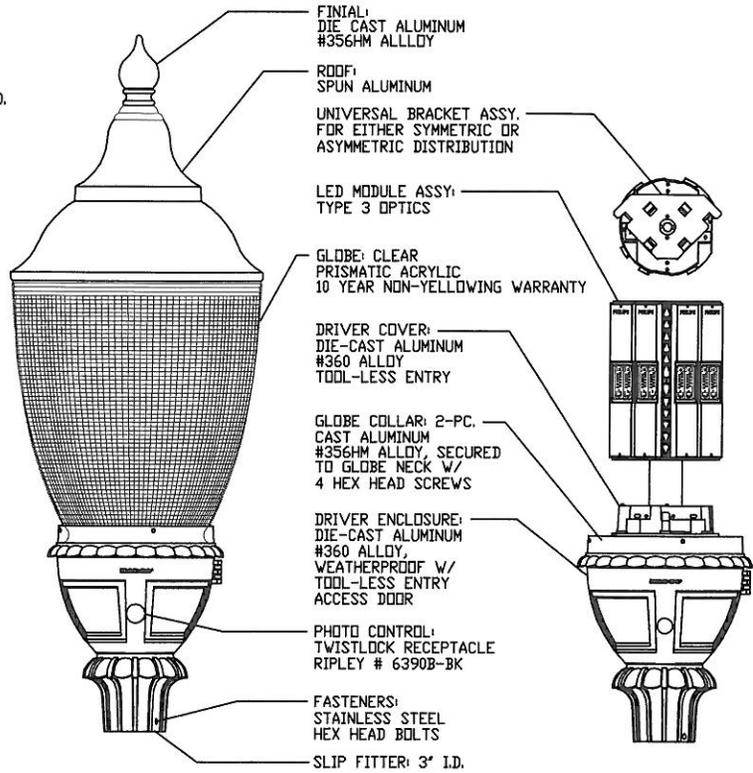
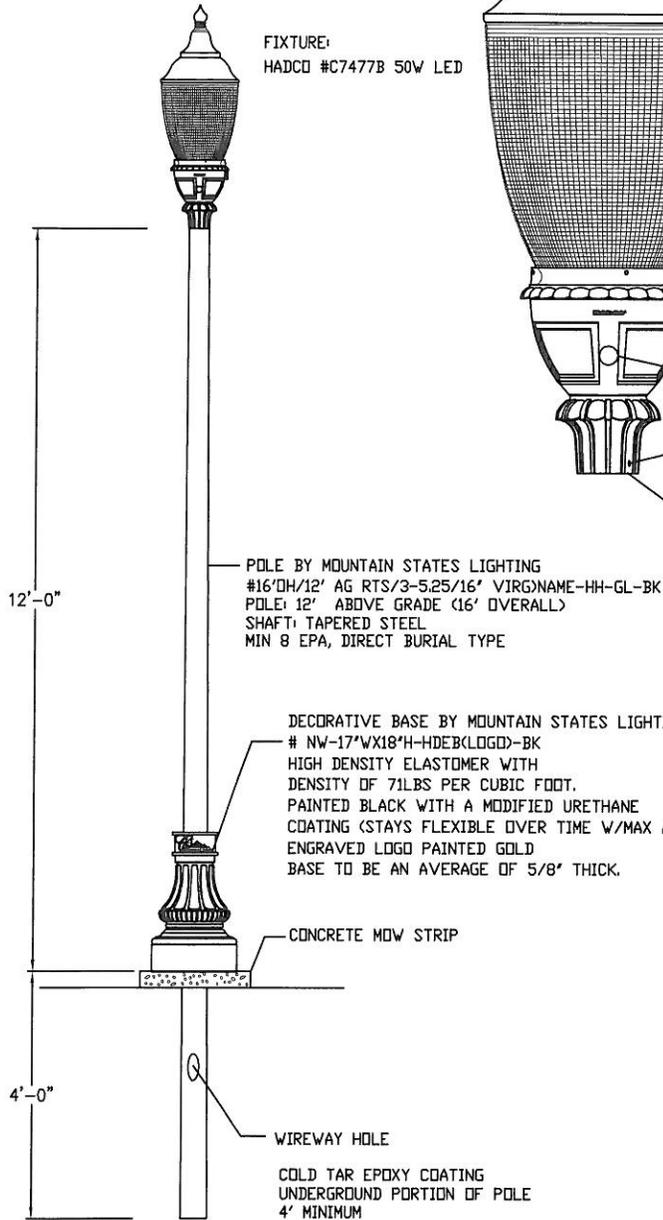
JOB NAME: **Cottonwood Heights  
Arterial Single Teardrop Assembly**

SCALE:	DATE:	DRAWN BY:	DRAWING NUMBER:
NTS	03/25/11	XEM	CH-SL-02

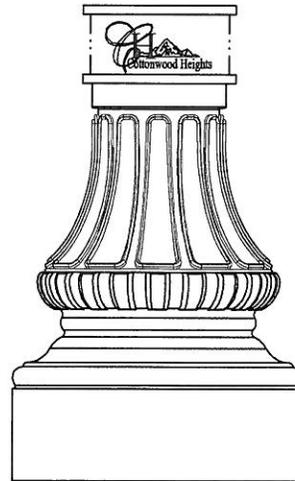
COTTONWOOD HEIGHTS CITY APPROVAL:

- LED MODULE SPECIFICATIONS:
- 120-277 VAC INPUT (auto sensing).
  - 60,000 HOURS @ 70% LUMEN MAINTENANCE
  - 40 TOTAL LEDS (100 lumens/watt ea).
  - 4 CAST ALUMINUM HEAT SINKS, IP66 RATED.
  - LED EFFICACY: 100 LUMENS/WATT.
  - >70 CRI/5500K CCT NOMINAL.
  - COLOR TEMPERATURE: 5000K.
  - APPROX. 50% ENERGY SAVINGS VS. COMPARABLE HID.

FIXTURE:  
HADCO #C7477B 50W LED



LUMINAIRE DETAIL



DECORATIVE BASE DETAIL

ASSEMBLY COLOR: BLACK

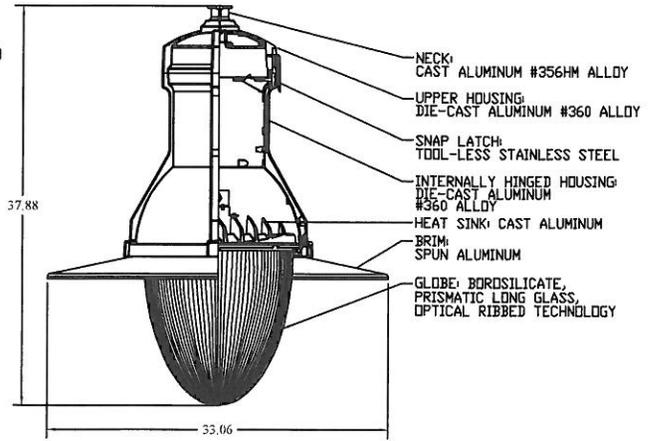
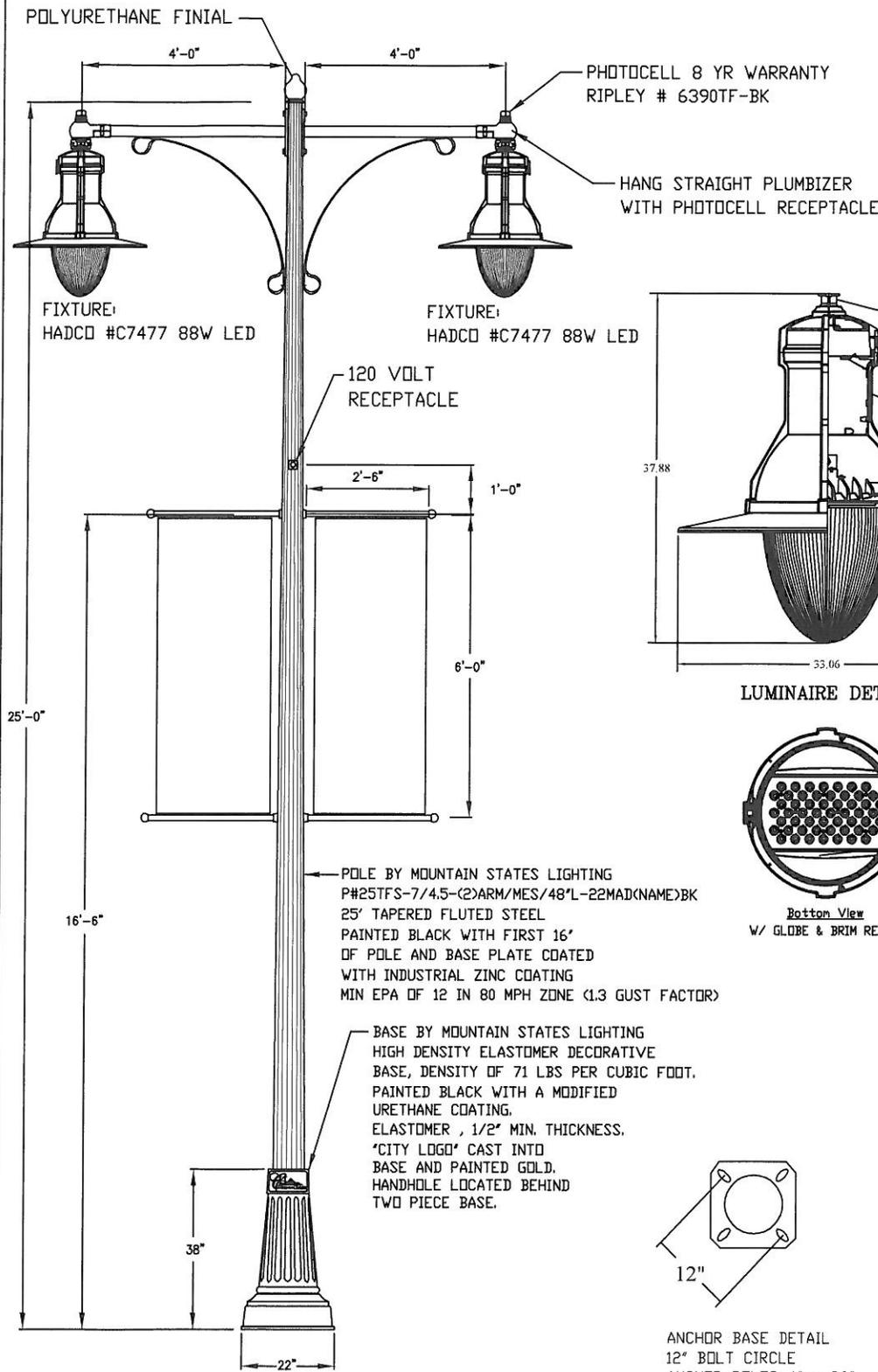
**CH**  
Cottonwood Heights  
1265 E. Fort Union Blvd., Ste. 250  
Cottonwood Heights, Utah 84047  
Phone 801-944-7000  
Fax 801-944-7005

  
Mountain States Lighting  
609 Krista Court  
Murray, Utah 84123  
Phone 801-268-4879  
Fax 801-605-9058

JOB NAME: Cottonwood Heights  
Residential Street Standard

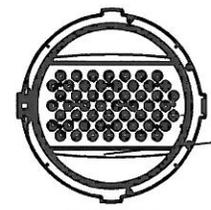
SCALE: NTS	DATE: 03/25/11	DRAWN BY: XEM	DRAWING NUMBER: CH-SL-03
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COTTONWOOD HEIGHTS CITY APPROVAL:

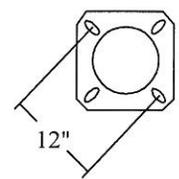


LUMINAIRE DETAIL

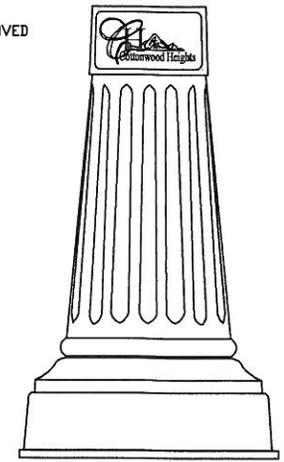
- LED MODULE SPECS
- 120-277 VAC INPUT VOLTAGE
  - 49 TOTAL LEDS
  - 6000K COLOR TEMPERATURE (CCT)
  - 72 CRI
  - IP66 RATED OPTICAL ASSEMBLY
  - 70,000 HOURS @ 70% LUMEN MAINTENANCE
  - -40C TO 50C TEMPERATURE RANGE



Bottom View  
w/ GLOBE & BRIM REMOVED



ANCHOR BASE DETAIL  
12" BOLT CIRCLE  
ANCHOR BOLTS: 1" x 36"



DECORATIVE BASE DETAIL

ASSEMBLY COLOR: BLACK

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JOB NAME: <b>Cottonwood Heights</b>			
Arterial Single Teardrop Assembly			
SCALE: <i>NTS</i>	DATE: <i>03/25/11</i>	DRAWN BY: <i>XEM</i>	DRAWING NUMBER: <i>CH-SL-02</i>
COTTONWOOD HEIGHTS CITY APPROVAL:			