



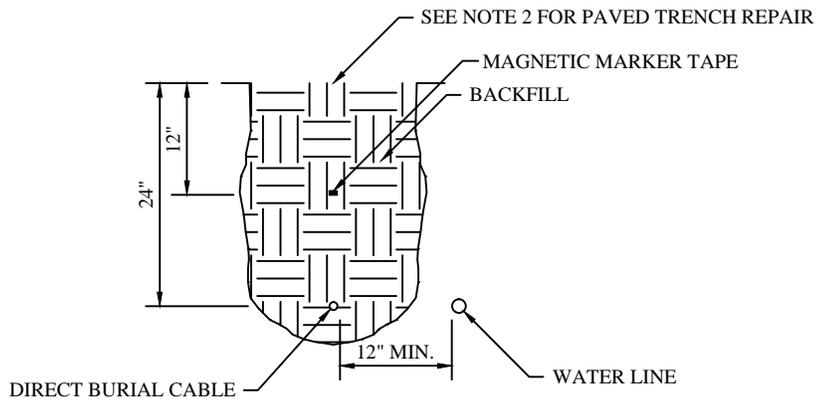
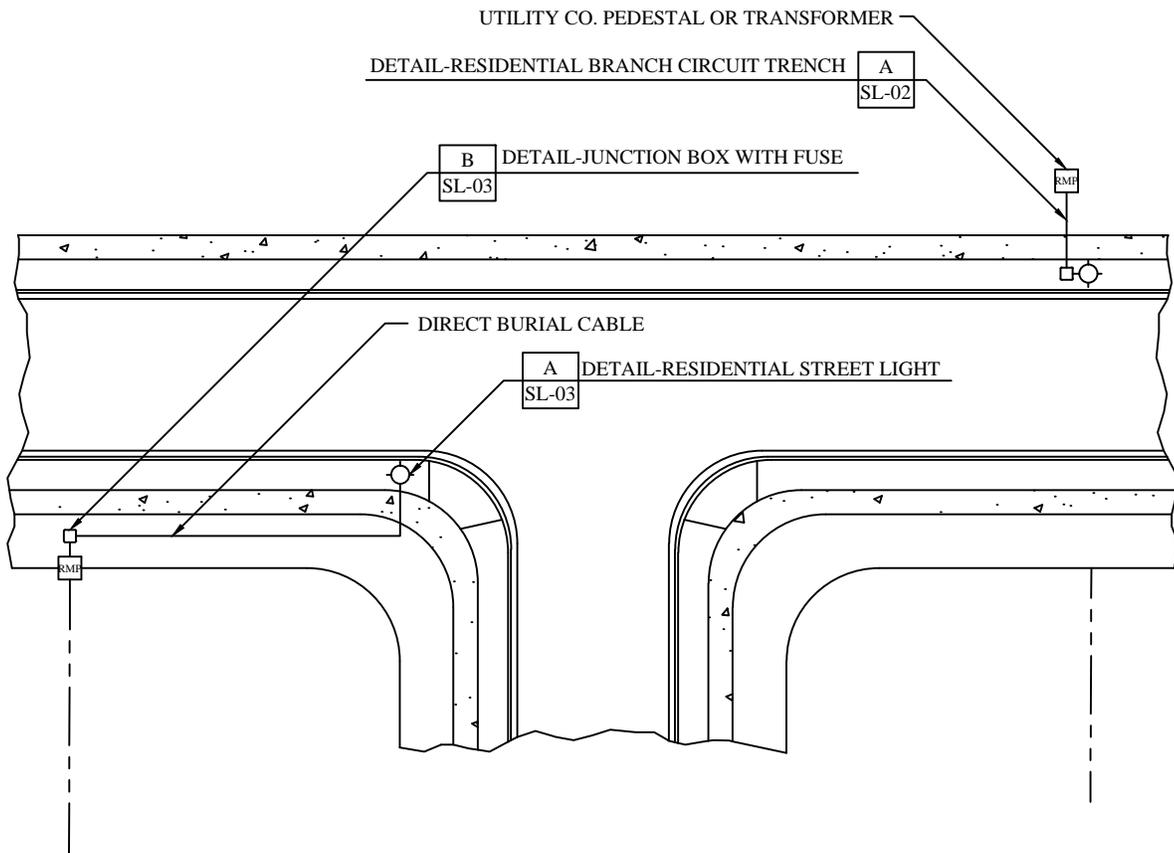
REVISIONS		NO.	DATE	DRAWN BY	REMARKS
					
TYPICAL STREET LIGHTING LAYOUT					DATE _____
SHEET NAME					CITY ENGINEER _____
SHEET					DATE _____
SL-01					

LEGEND

-  STREET LIGHT
-  FIRE HYDRANT

PRIOR TO INSTALLATION, STREET LIGHT LAYOUT IS TO BE FIELD ENGINEERED.

RESIDENTIAL



A DETAIL-RESIDENTIAL BRANCH CIRCUIT TRENCH
SCALE: NO SCALE

NOTES:

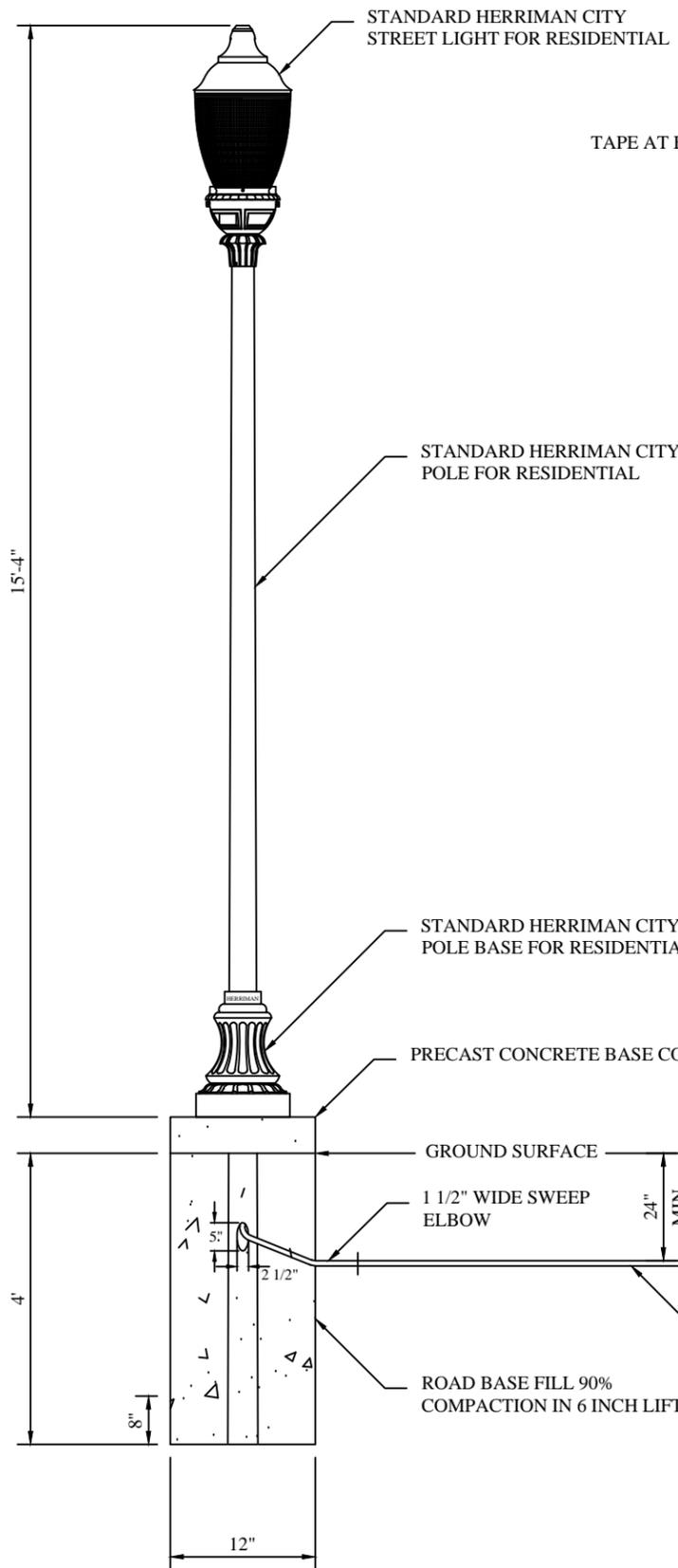
1. ALL RESIDENTIAL STREET LIGHT CABLE SHALL BE DIRECT BURIAL CABLE.
2. TRENCH REPAIR IN A ROAD WAY OR PAVED TRAIL IS TO BE REPAIRED AS PER HERRIMAN CITY EXCAVATION PERMIT SPECIFICATION.
3. ALL LANDSCAPE AND IRRIGATION IS TO BE REPAIRED TO ORIGINAL CONDITION OR BETTER.
4. IN ROCKY SOIL MAY NEED FILL OR SAND.

REVISIONS		REMARKS
NO.	DATE	DRAWN BY

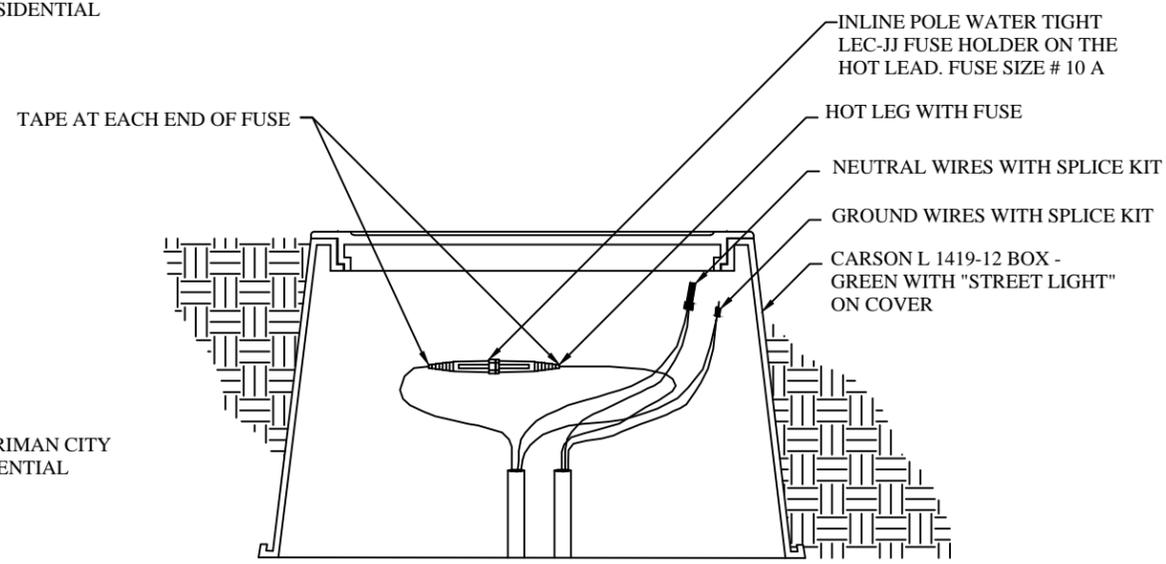

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RESIDENTIAL STREET LIGHT POWER LAYOUT	DATE _____
SHEET NAME	CITY ENGINEER _____

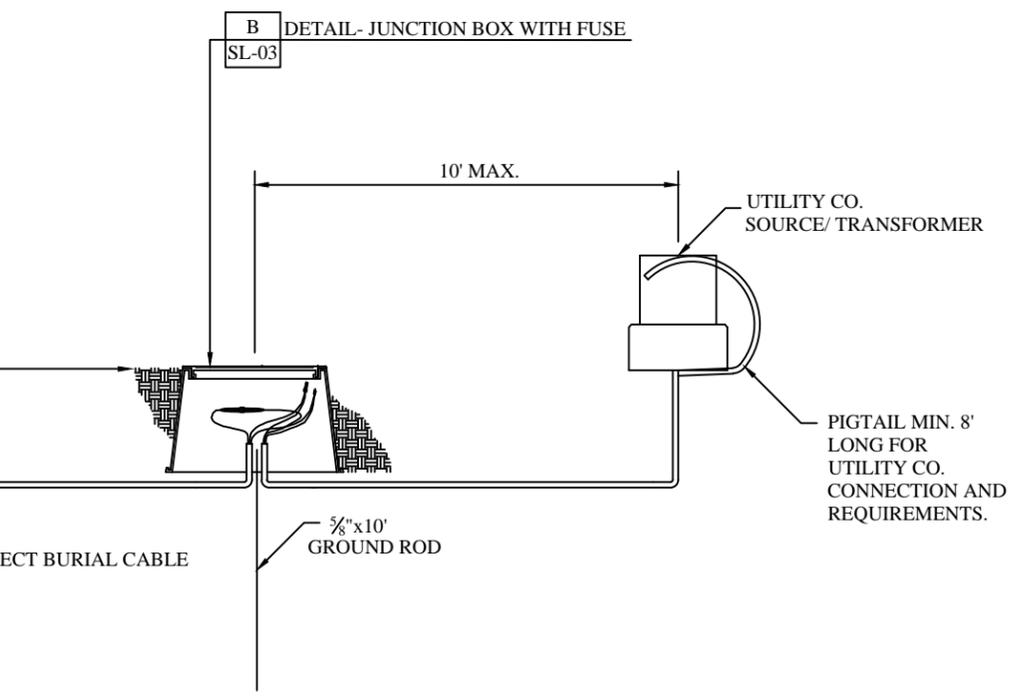
SHEET
SL-02



A DETAIL-RESIDENTIAL STREET LIGHT
SCALE: NO SCALE



B DETAIL-JUNCTION BOX WITH FUSE
SCALE: NO SCALE



A DETAIL-RESIDENTIAL BRANCH CIRCUIT TRENCH
SL-02

NOTES:

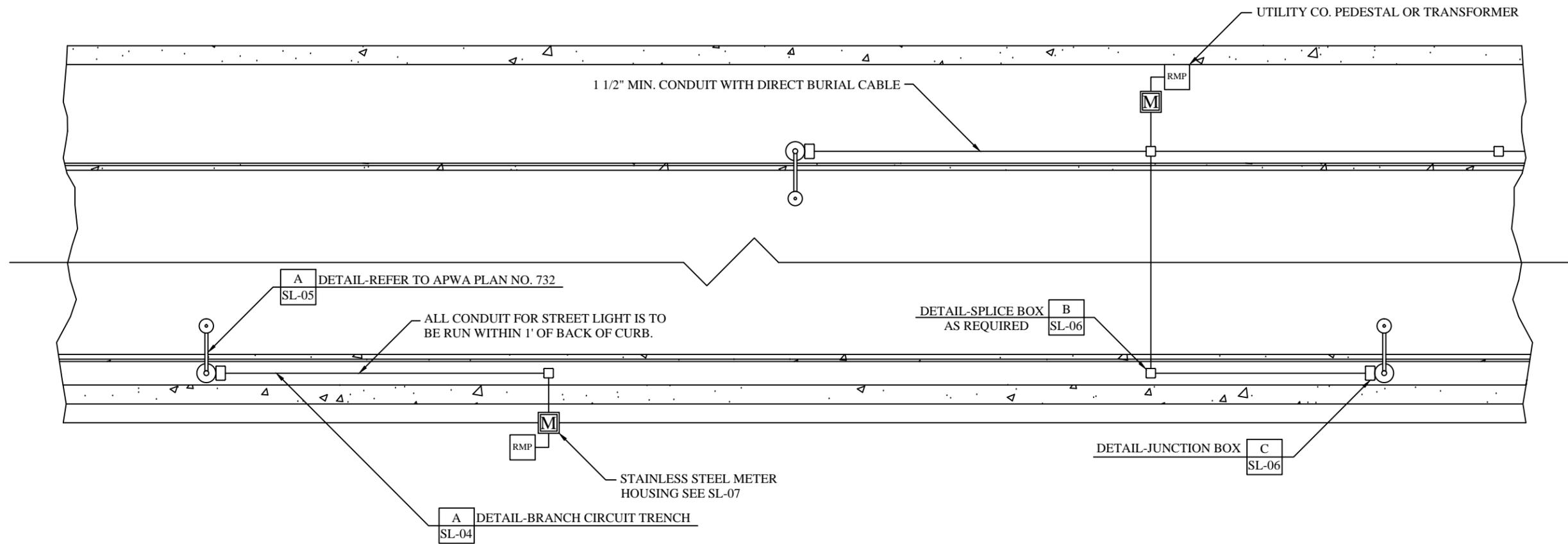
1. CONTRACTORS SHALL FOLLOW HERRIMAN CITY INSTALLATION AND INSPECTION PROCEDURES BEFORE ACCEPTANCE.
2. ALL CONSTRUCTION TO MEET HERRIMAN CITY SPECIFICATIONS AND NATIONAL ELECTRIC CODE.
3. UNDISTURBED NATIVE GRAVEL OR 90% COMPACTED ROAD BASE IN 6" LIFTS.
4. WIRES FROM TRANSFORMER AND ALL CONDUCTORS SHALL BE TYPE TC CABLE #112-10-4044 COPPER ONLY.
5. FUSE HOT WIRE IN JUNCTION BOX. SUPPLY AND INSTALL SPLICE KIT FOR NEUTRAL.
6. CONTRACTOR TO INSTALL JUNCTION BOX WITH FUSE. BOX TO BE LOCATED WITHIN 10 FEET FROM UTILITY CO. TRANSFORMER OR SECONDARY BOX. LEAVE PIGTAIL 8 FEET LONG TO TRANSFORMER OR SECONDARY BOX. UTILITY CO. TO MAKE CONNECTION.
7. CONTRACTORS SHALL PROVIDE ALL NECESSARY PARTS AND LABOR FOR COMPLETE AND OPERABLE INSTALLATION OF STREET LIGHTS.
8. EACH STREET LIGHT SHALL HAVE A JUNCTION BOX MARKED "STREET LIGHTS" WITH FUSE.
9. STREET LIGHTS SHOULD BE A MIN. OF 5 FEET FROM DRIVEWAY APPROACHES.
10. ELECTRONIC AS-BUILTS MUST BE SENT AS AUTO CAD DWG OR ESRI SHAPEFILE.
11. ALL TRENCHES TO BE INSPECTED BY CITY INSPECTOR.
12. NOTIFY CITY 2 WEEKS BEFORE INSTALLATION OF STREET LIGHTS. PHONE # (801-446-5323)

NO.	DATE	DRAWN BY	REMARKS



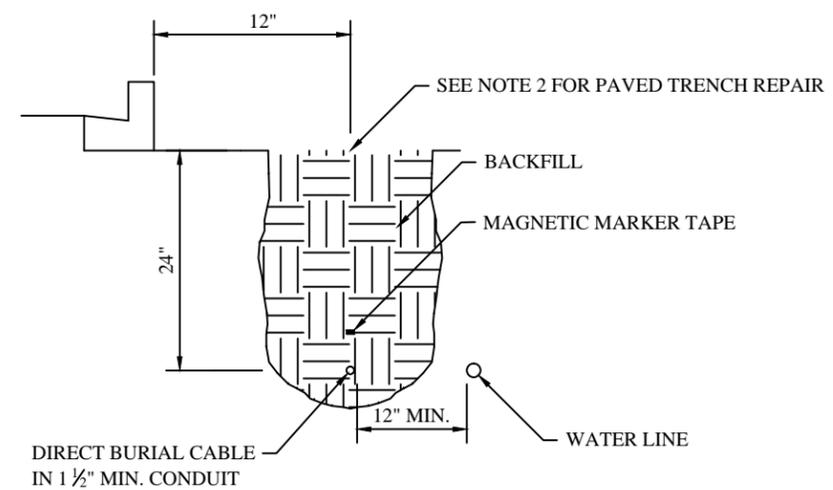
RESIDENTIAL STREET LIGHT	DATE
	CITY ENGINEER
SHEET NAME	SHEET
SL-03	

ARTERIAL



NOTES:

1. ALL COMMERCIAL STREET LIGHT CABLE SHALL BE DIRECT BURIAL CABLE IN CONDUIT 1 1/2" MINIMUM SCHEDULE 40 GRAY NON-CONDUCTIVE PVC.
2. IF TRENCH REPAIR IS IN A ROADWAY OR PAVED TRAIL THE REPAIR WILL BE AS PER HERRIMAN CITY EXCAVATION PERMIT SPECIFICATION.
3. INGROUND BOXES LOCATED WITHIN 20' OF APPROACHES AND INTERSECTIONS SHALL BE CARSON H SERIES H1324.



A DETAIL-COMMERCIAL BRANCH CIRCUIT TRENCH
SCALE: NO SCALE

NO.	DATE	DRAWN BY	REMARKS



Herriman

Founded 1851

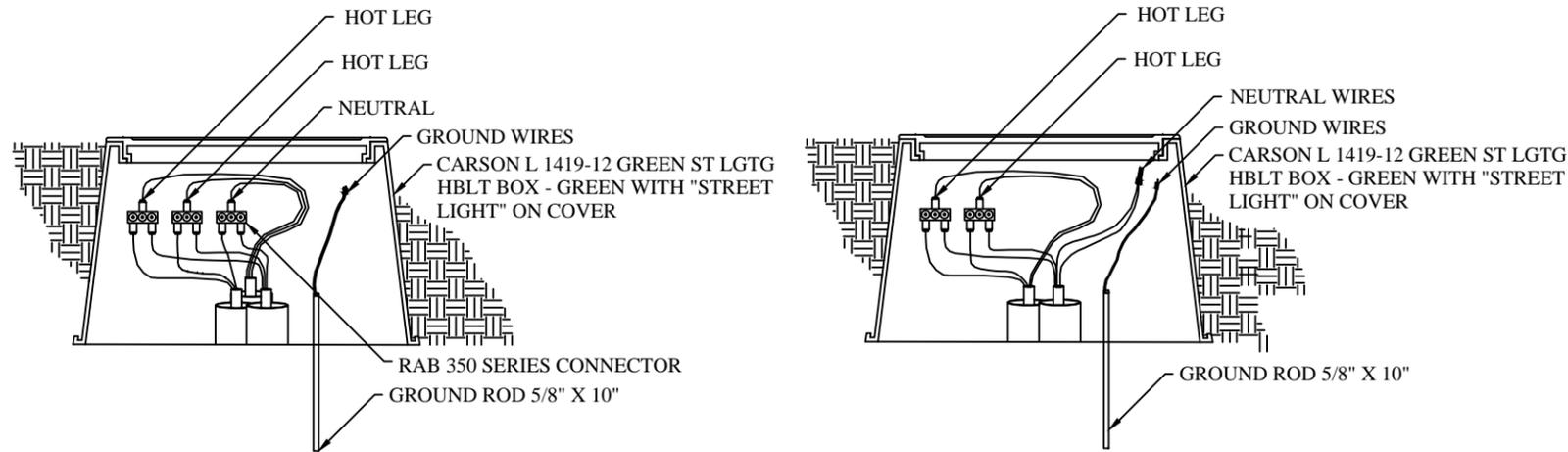
13011 S. Pioneer St. • Herriman, UT 84096

ARTERIAL STREET LIGHT
CONDUIT AND POWER LAYOUT

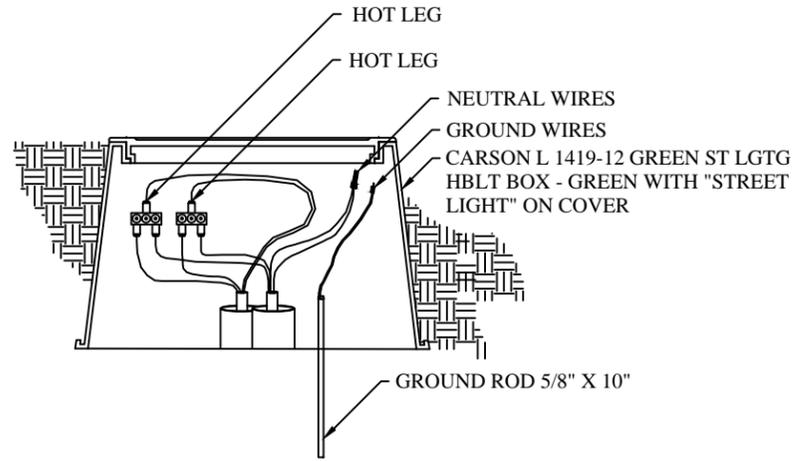
SHEET NAME

SHEET
SL-04

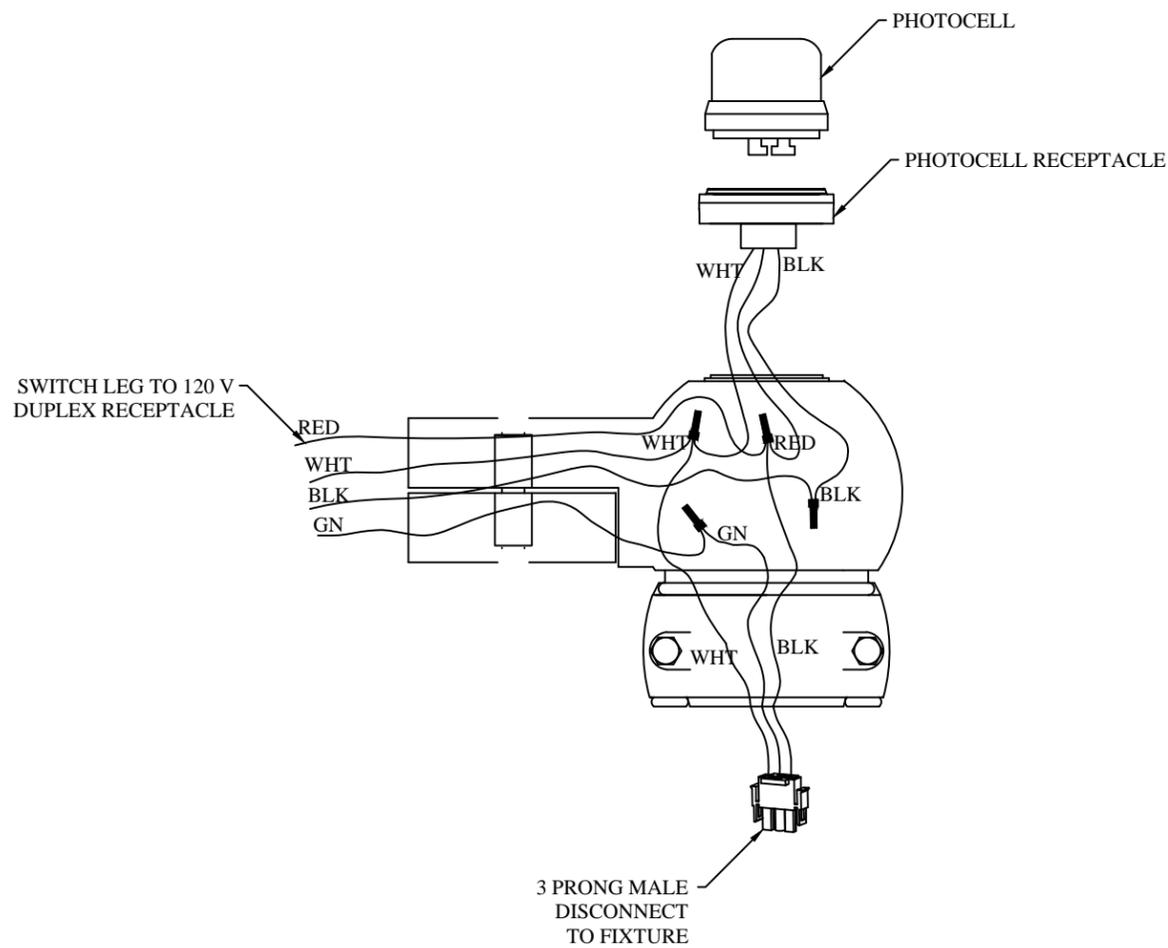
CITY ENGINEER _____ DATE _____



A DETAIL-SPLICE BOX
SCALE: NO SCALE



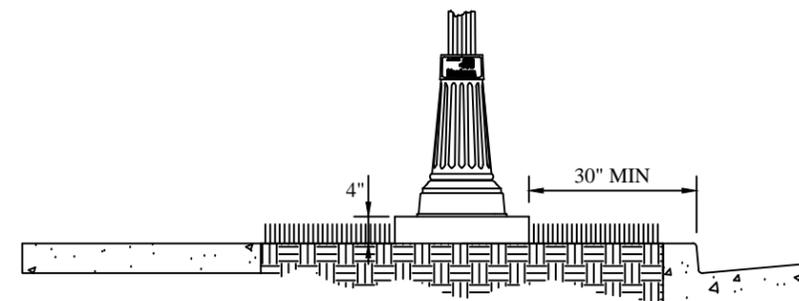
B DETAIL-JUNCTION BOX
SCALE: NO SCALE



D DETAIL-COMMERCIAL PLUG WIRING DIAGRAM
SCALE: NO SCALE

NOTES:

1. CONTRACTOR SHALL FOLLOW HERRIMAN CITY INSTALLATION AND INSPECTION PROCEDURE FOR LIGHT POLES AND LIGHT FIXTURES BEFORE ACCEPTANCE.
2. ARTERIAL LIGHT POLES SHALL BE LOCATED AS INDICATED ON THE APPROVED LIGHTING SITE PLAN, AND INSTALLED AS DESCRIBED IN THE CITY STANDARDS.
3. EACH COMMERCIAL LIGHT SHALL HAVE A JUNCTION BOX WITH COVER MARKED "STREET LIGHTING" WITH FUSES.
4. SUPPLY SPLICE KIT FOR NEUTRAL WIRE.
5. INSTALL GRAY NON-CONDUCTIVE PVC CONDUITS WITH 24" COVER AND SAND BEDDING.
6. CONTRACTOR TO INSTALL METER CABINET V.I.P SB-24SS/240V WITH BREAKER PANEL. BOX TO BE LOCATED MIN. 8' FROM UTILITY CO. TRANSFORMER OR SECONDARY BOX.
7. BALANCE LOADS ACROSS PHASES FOR 120 V RECEPTACLES.
8. VIBRATED 4000 PSI CONCRETE @ 28 DAYS (6.5 CITY MIX).
9. ANY DISTURBED MATERIAL WITHIN 8' OF POLE FOUNDATION SHALL BE COMPACTED TO 90% OR GREATER.
10. UNDISTURBED NATIVE GRAVEL-SANDY GRAVEL ASSUMED. IF DIFFERENT, CONTACT CITY ENGINEER.
11. USE A 30" DIA. SONO TUBE.
12. ELECTRONIC AS-BUILTS MUST BE SENT AS AUTO CAD DWG OR ESRI SHAPEFILE.
13. GROUND AND NEUTRAL SHALL BE SEPARATE.
14. MAINTAIN 3" CLEARANCE ON ALL SIDES OF REBAR.
15. FIELD AS-BUILTS BY CONTRACTOR.
16. LOAD SCHEDULE (COPY GIVEN TO BUILDING DEPARTMENT).
17. FIVE DAY BURN TEST.
18. IF DEPTH CANNOT BE MET, MASS MUST BE EQUIVALENT TO MASS AS SHOWN.
19. REBAR AND TRENCH MUST BE INSPECTED PRIOR TO CONCRETE POUR.
20. ALL SPECIFICATIONS FOR WIRE, CONDUIT, FUSE KITS, SPLICE KITS, JUNCTION BOXES AND CONNECTORS MUST BE SUBMITTED TO THE CITY INSPECTOR FOR APPROVAL PRIOR TO ANY WORK BEING PERFORMED.
21. ALL CONDUCTORS SHALL BE TYPE TC-CABLE #112-10-4054 COPPER ONLY.



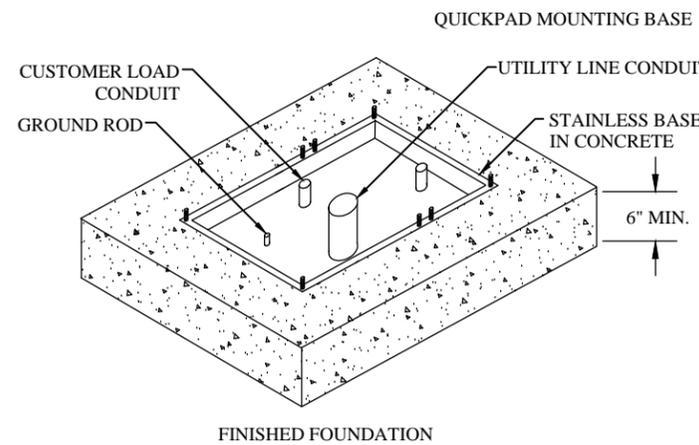
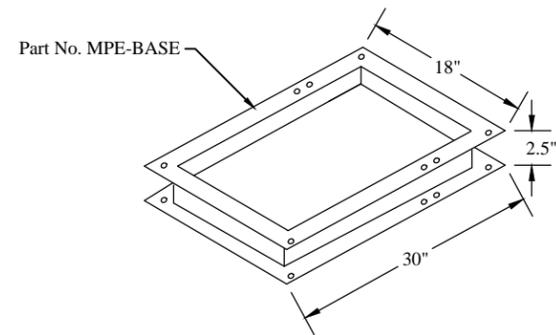
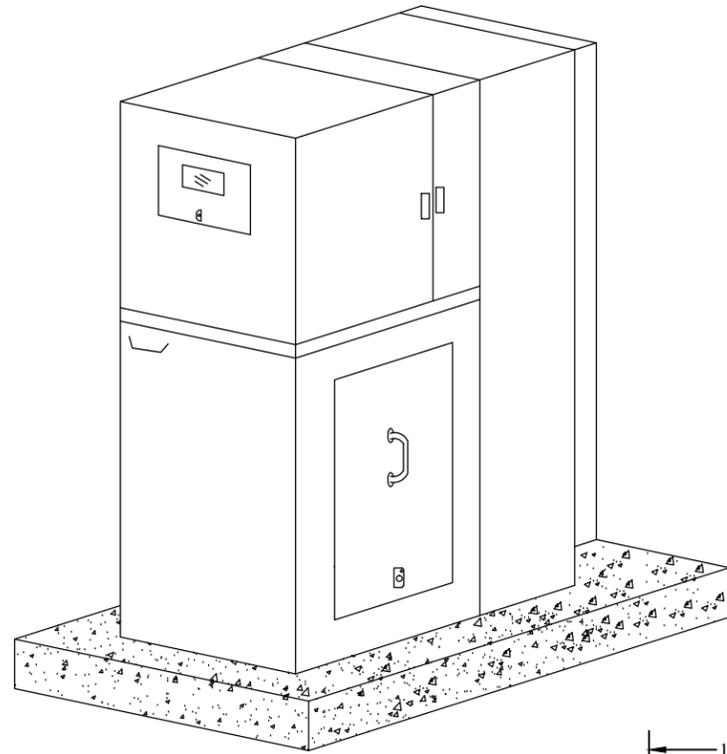
C DETAIL-POLE SPACING FROM FACE OF CURB
SCALE: NO SCALE

NO.	DATE	DRAWN BY	REMARKS

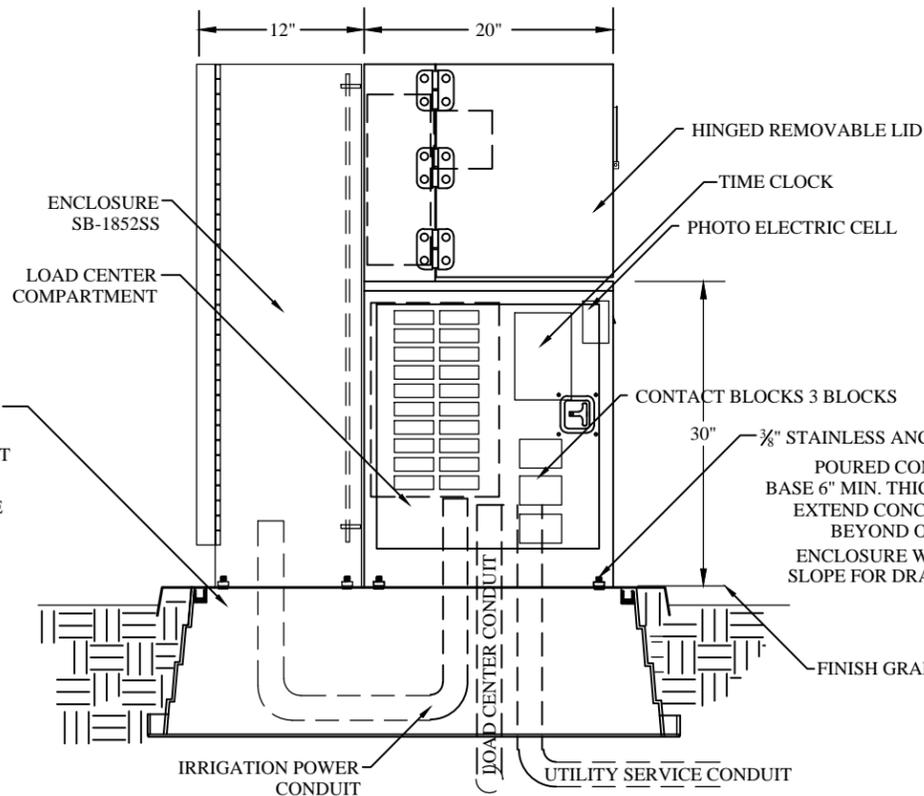


ARTERIAL STREET LIGHTS UNDERGROUND	DATE _____
	CITY ENGINEER _____
SHEET NAME	SHEET

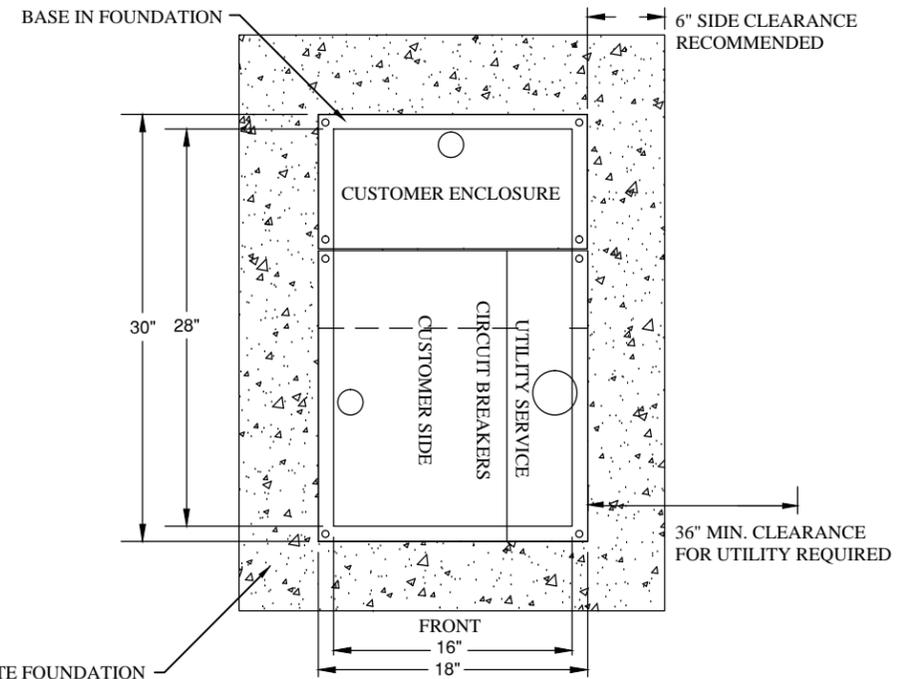
SL-06



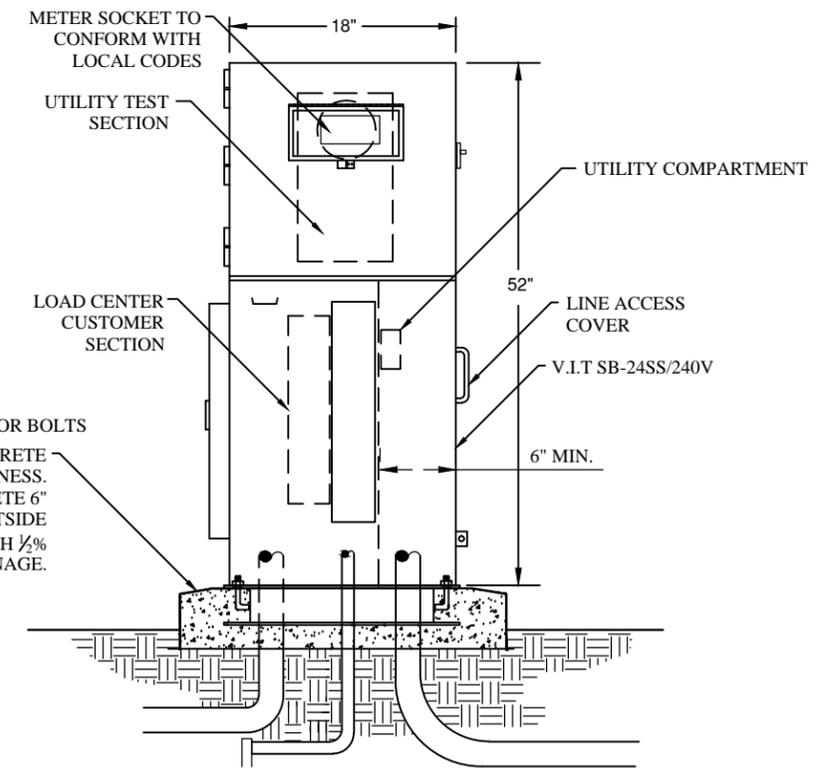
FINISHED FOUNDATION



C **DETAIL-STAINLESS STEEL METER HOUSING SIDE VIEW**
SCALE: NO SCALE



A **DETAIL-METER HOUSING PAD**
SCALE: NO SCALE



B **DETAIL-STAINLESS STEEL METER HOUSING FRONT VIEW**
SCALE: NO SCALE

5/8" X 10" STANDARD GROUND ROD. PLACE 4" ABOVE CONCRETE.

NO.	DATE	DRAWN BY	REMARKS

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STAINLESS STEEL METER HOUSING

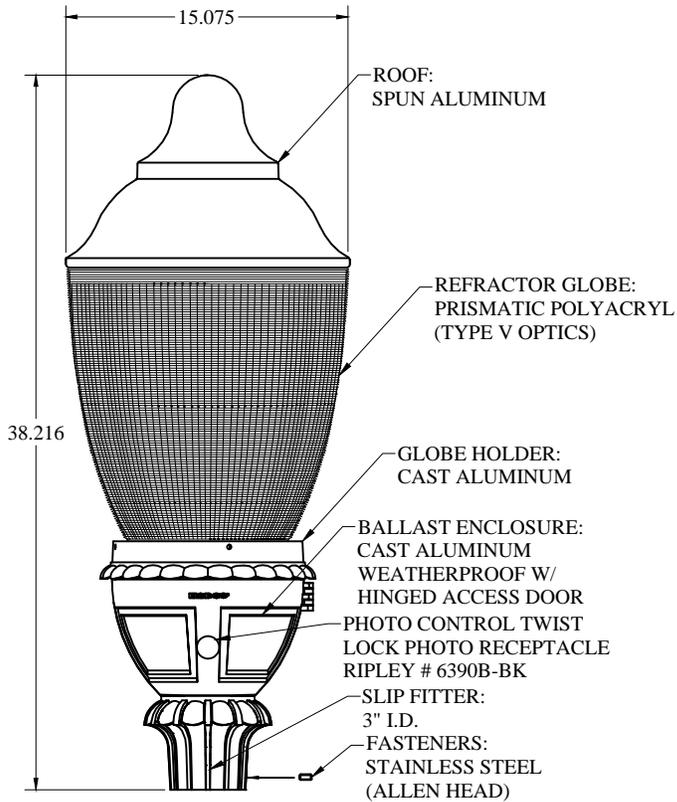
CITY ENGINEER _____ DATE _____

SHEET NAME

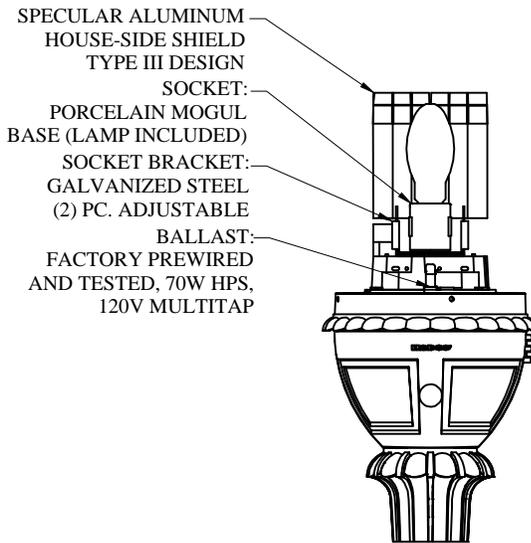
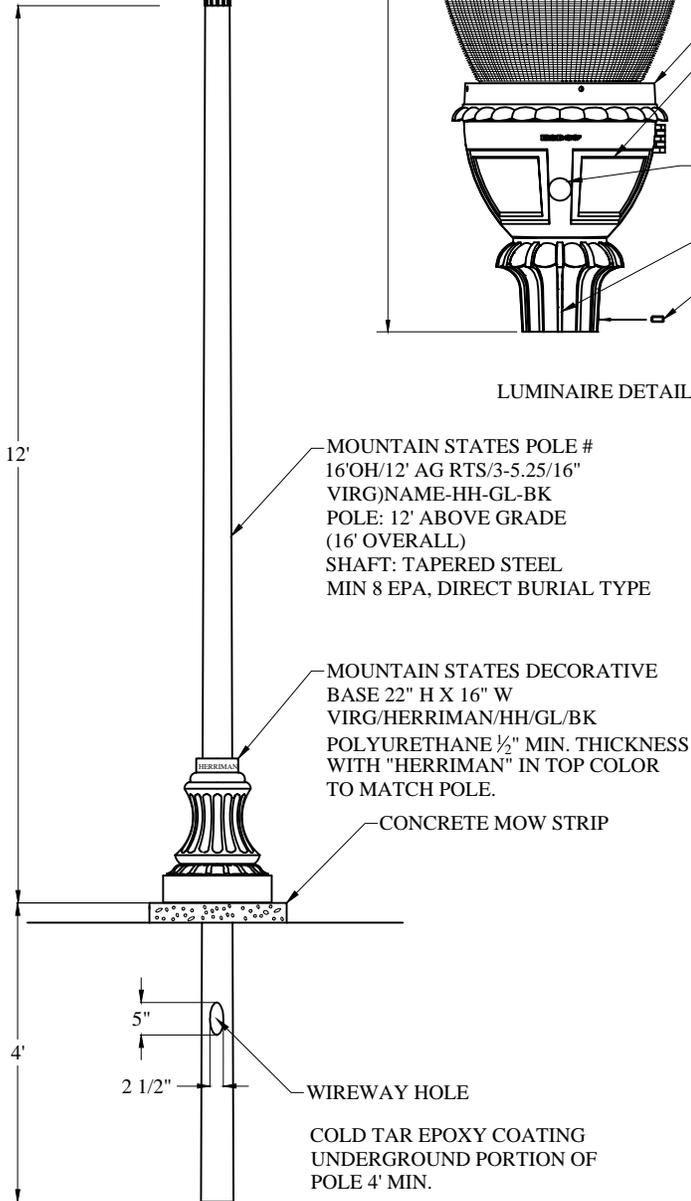
SHEET
SL-07

FINISH: BLACK

HADCO FIXTURE
S8512- AK5HRG7OSE

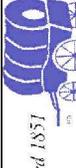


LUMINAIRE DETAIL



REVISIONS		REMARKS
NO.	DATE	DRAWN BY

Founded 1851



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13011 S. Pioneer St. • Herriman, UT 84096

RESIDENTIAL STREET LIGHT - 70W HPS
COMPLETE UNIT

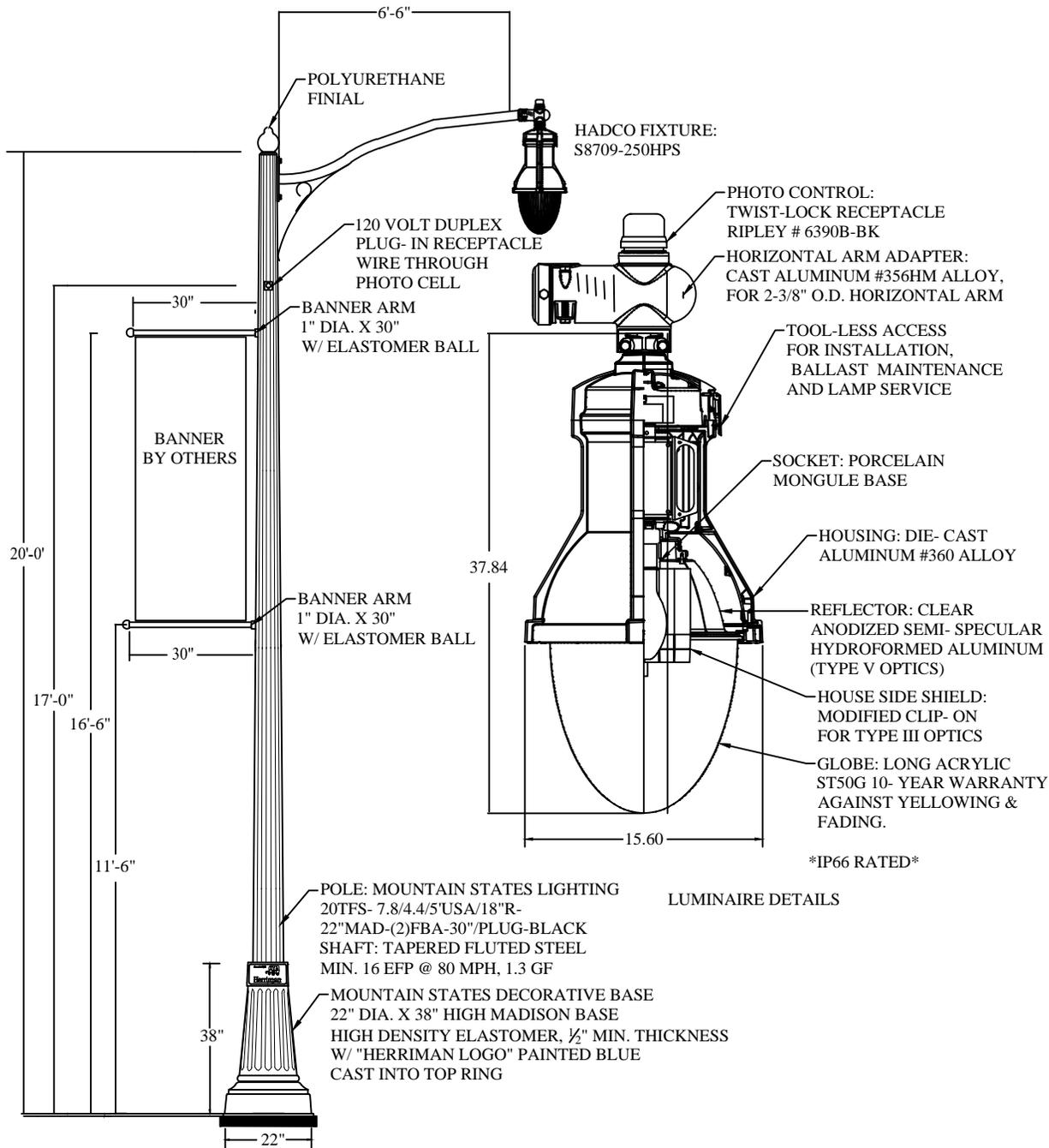
DATE _____

CITY ENGINEER _____

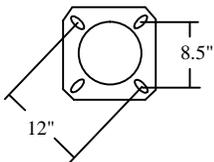
SHEET NAME

SHEET
SL-09

FINISH: BLACK



LUMINAIRE DETAILS



ANCHOR BASE DETAIL
12" BOLT CIRCLE
ANCHOR BOLTS: 3/4" X 18"

REVISIONS		REMARKS
NO.	DATE	DRAWN BY

13011 S. Pioneer St. • Herriman, UT 84096

Herriman

**ARTERIAL STREET LIGHT - 250W HPS
COMPLETE UNIT**

DATE _____

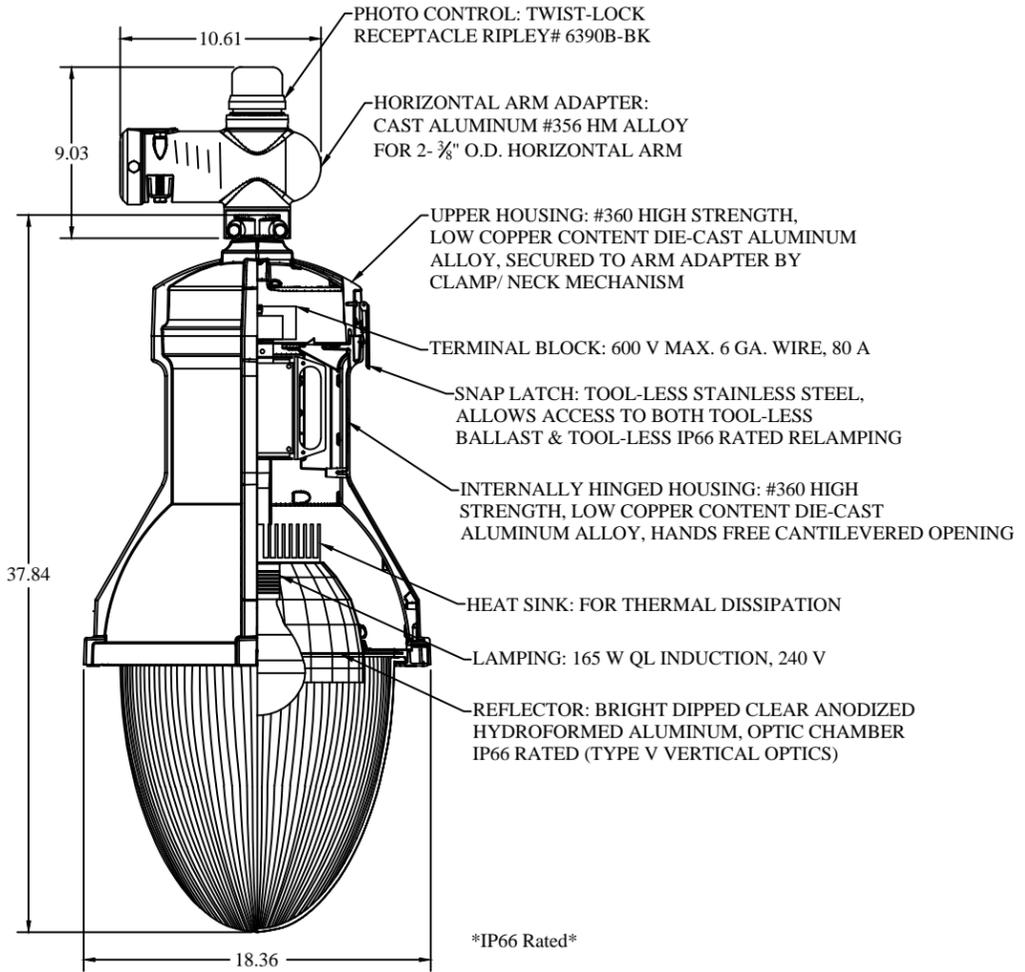
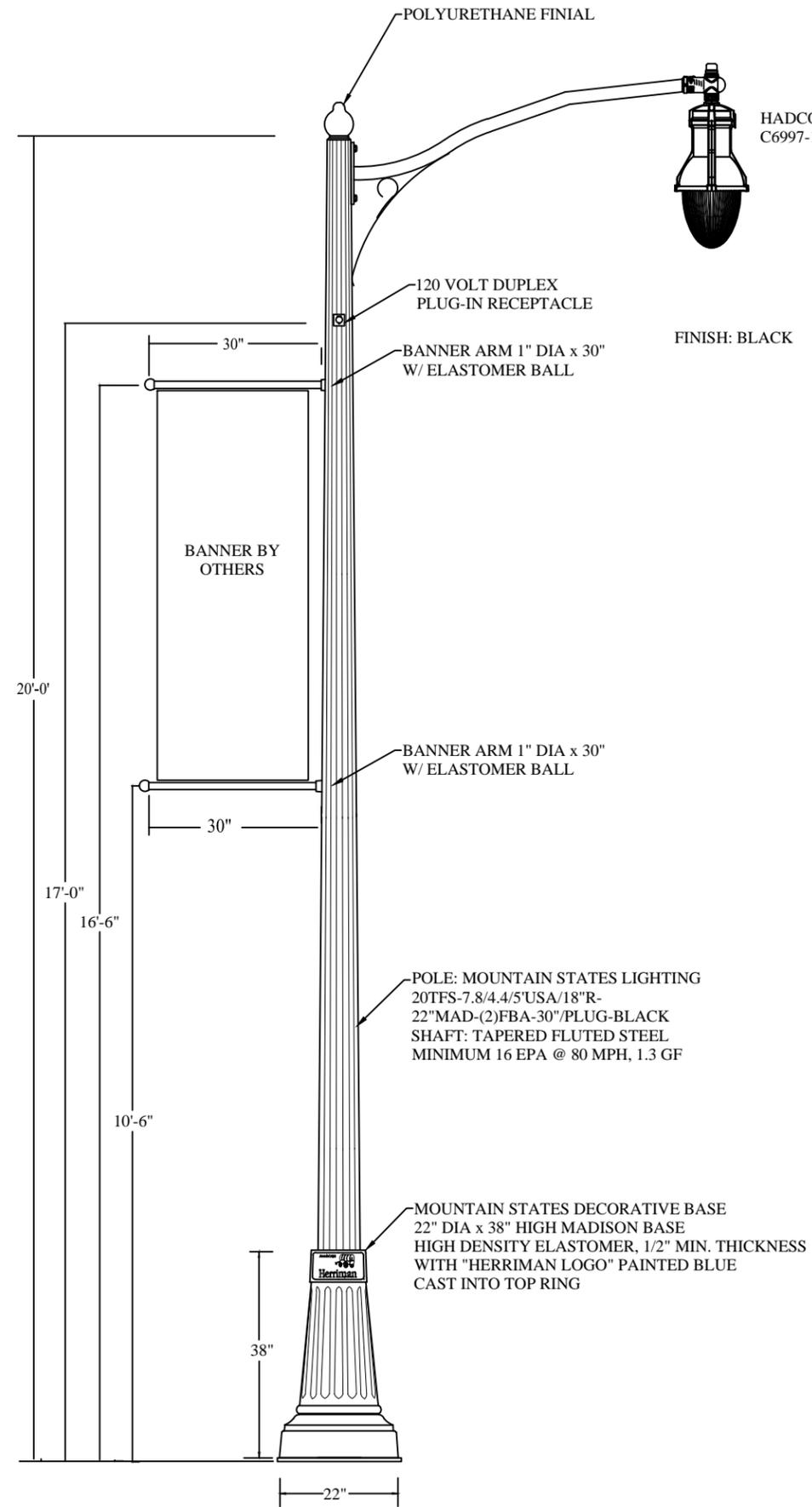
CITY ENGINEER _____

SHEET NAME _____

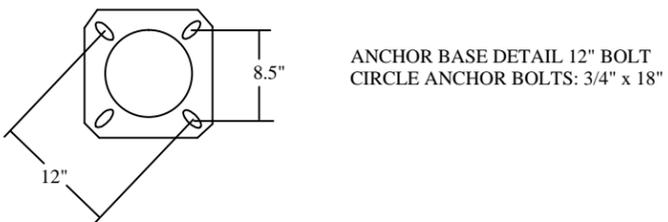
APPROVED _____

SHEET

SL-10



LUMINAIRE DETAILS

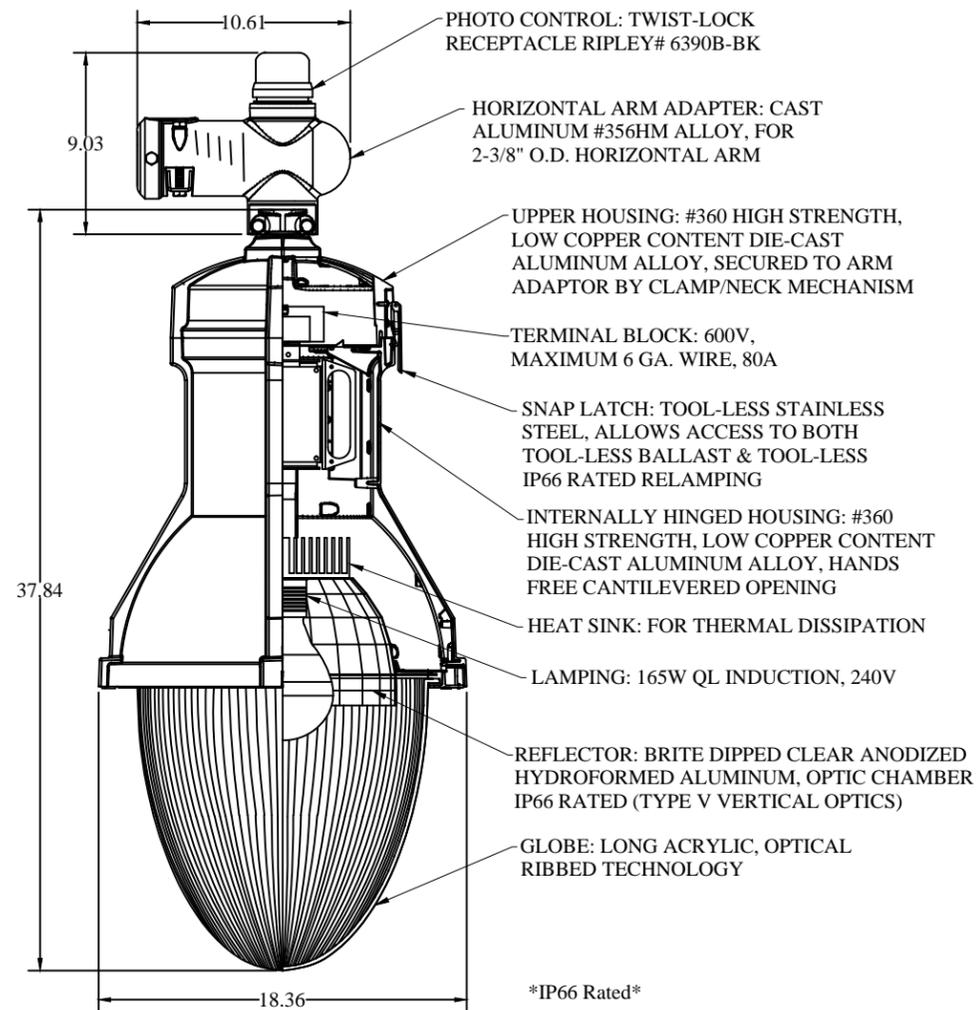
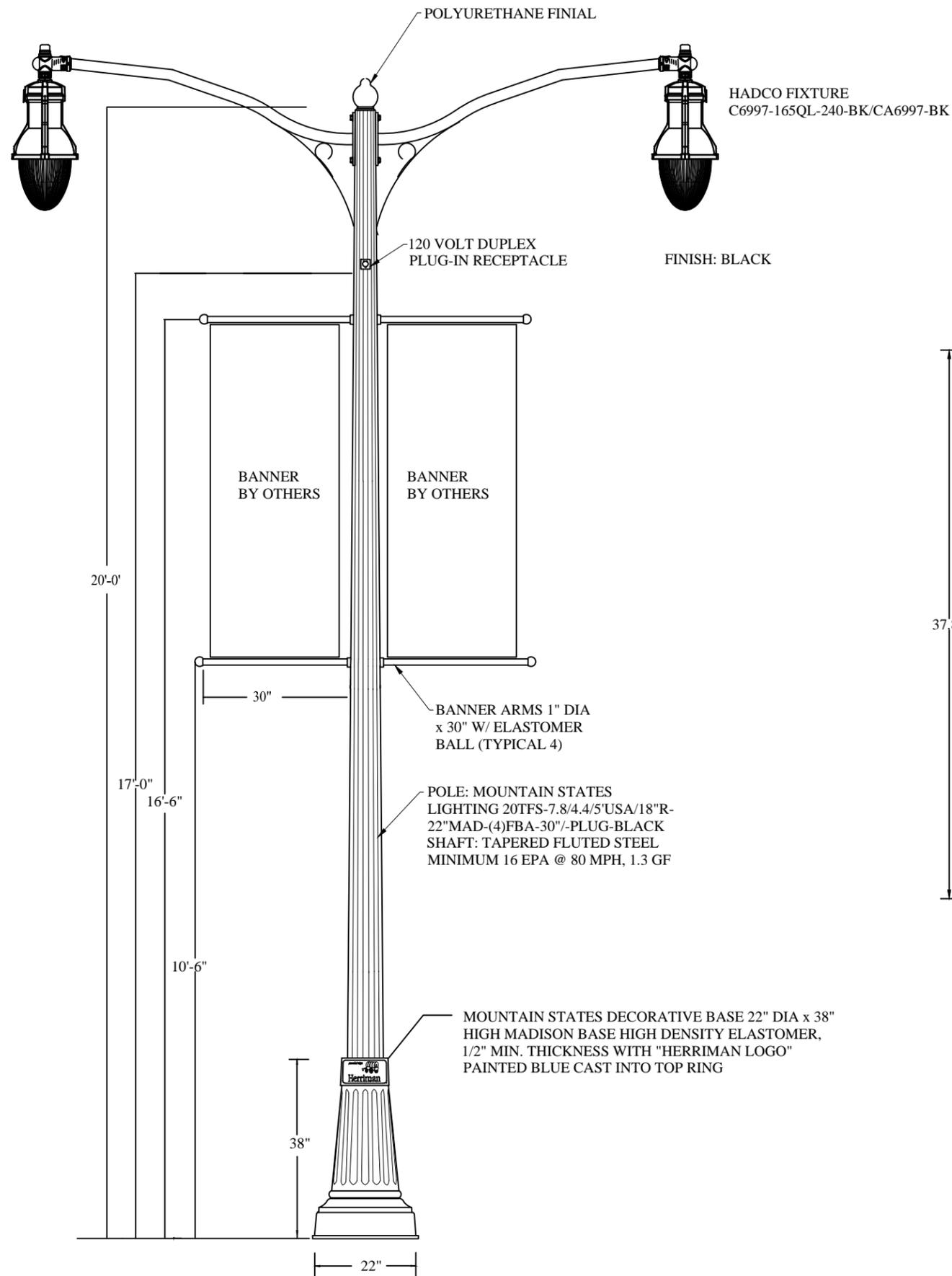


REVISIONS		REMARKS
NO.	DATE	DRAWN BY

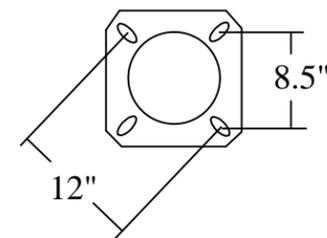


Herriman
13011 S. Pioneer St. • Herriman, UT 84096

TOWNE CENTER STREET LIGHT - 165W QL (SINGLE)	DATE _____
CITY ENGINEER _____	DATE _____
SHEET NAME	APPROVED
SHEET	
SL-11	



LUMINAIRE DETAILS

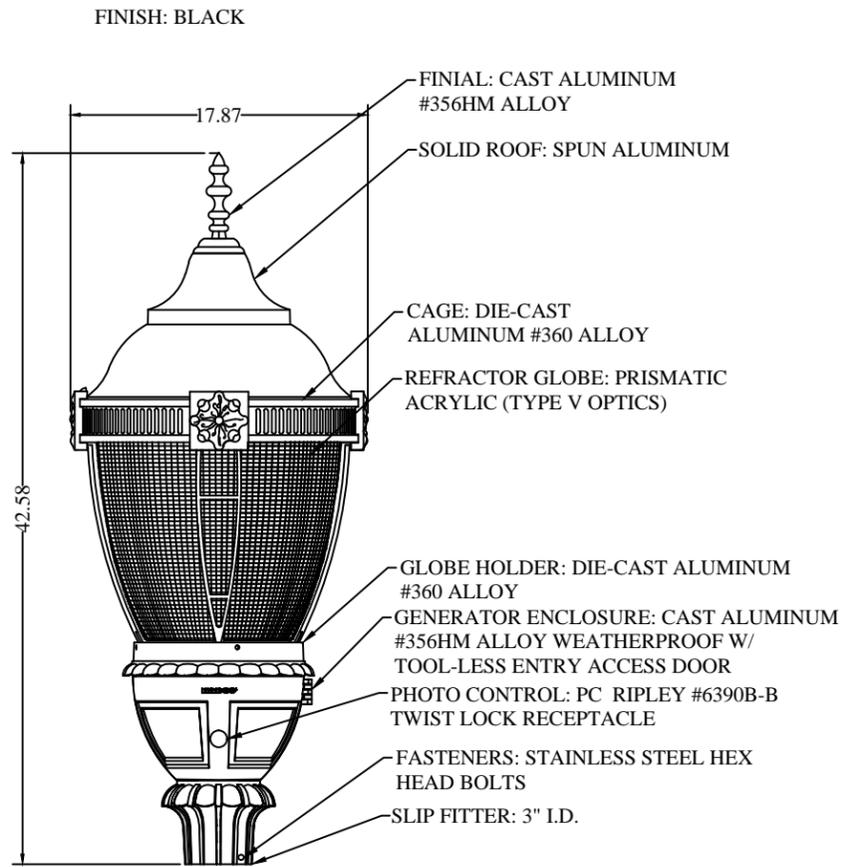
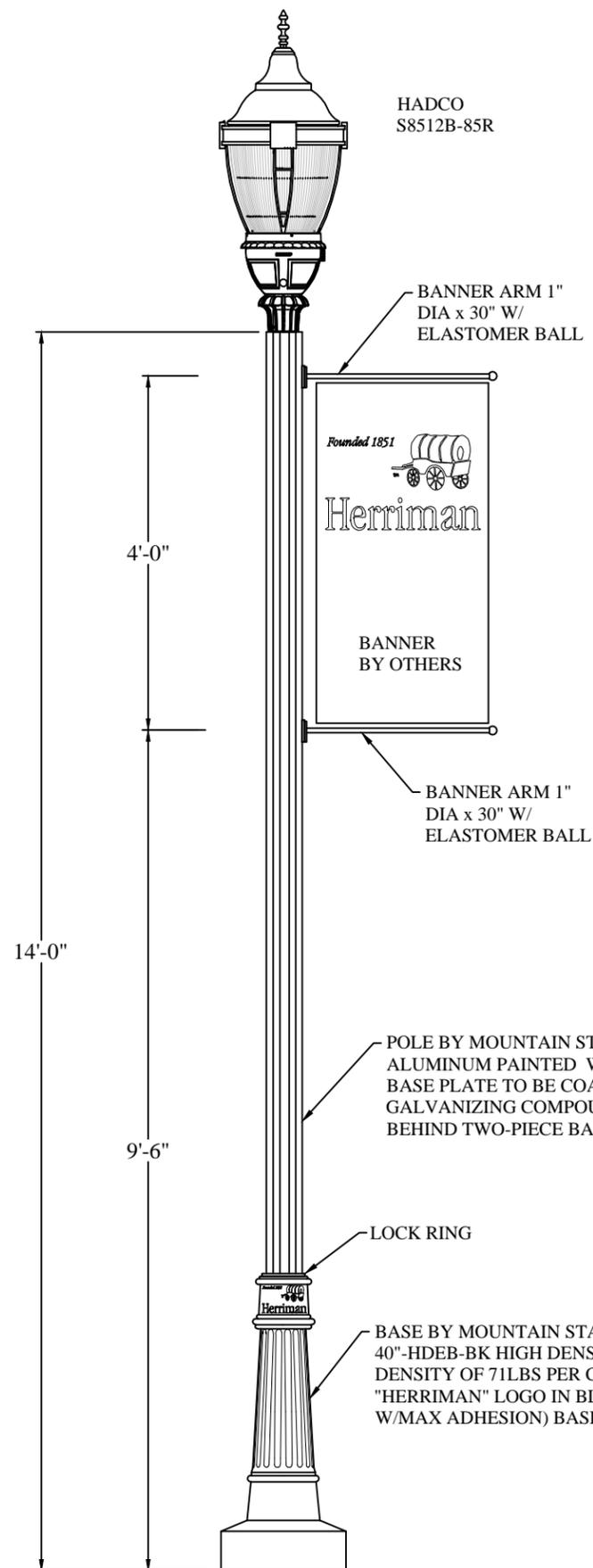


ANCHOR BASE DETAIL 12" BOLT
CIRCLE ANCHOR BOLTS: 3/4" x 18"

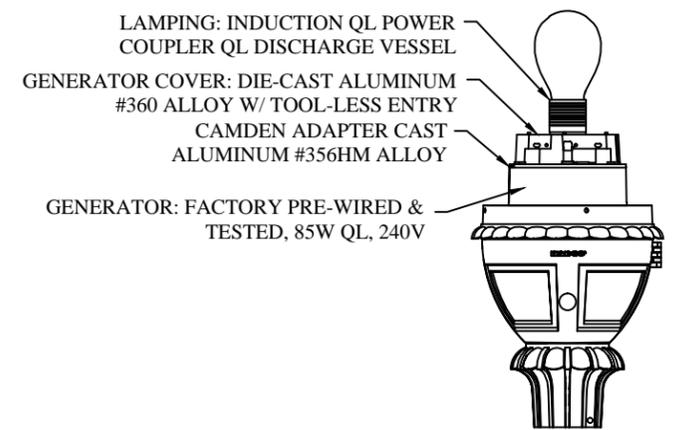
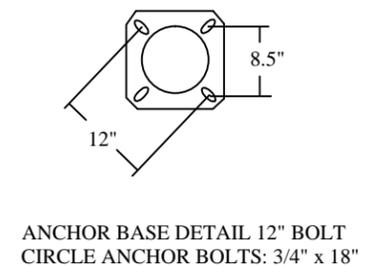
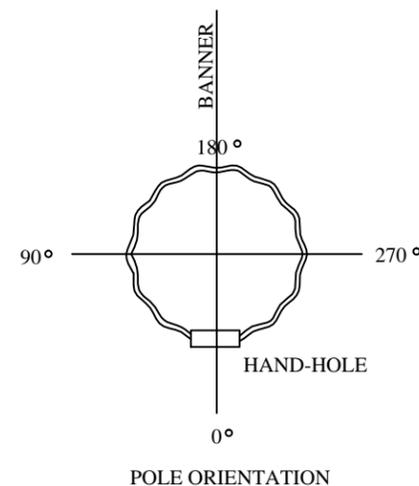
NO.	DATE	DRAWN BY	REMARKS



SHEET NAME	TOWNE CENTER STREET LIGHT - 165W QL (DOUBLE)
	APPROVED _____ DATE _____
CITY ENGINEER	_____



LUMINAIRE DETAIL

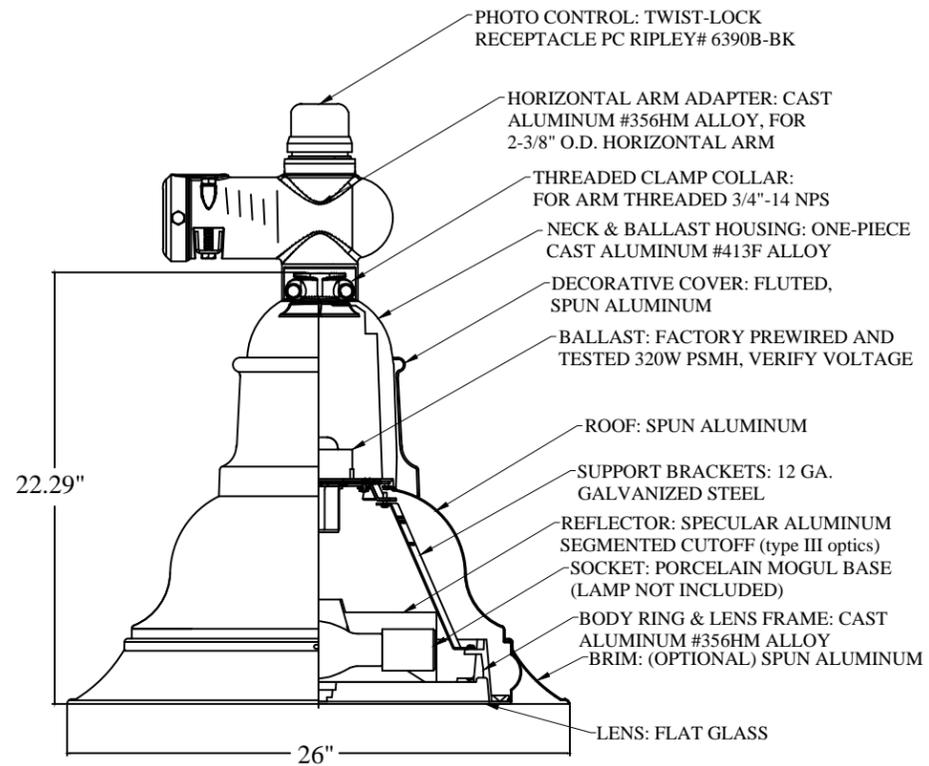
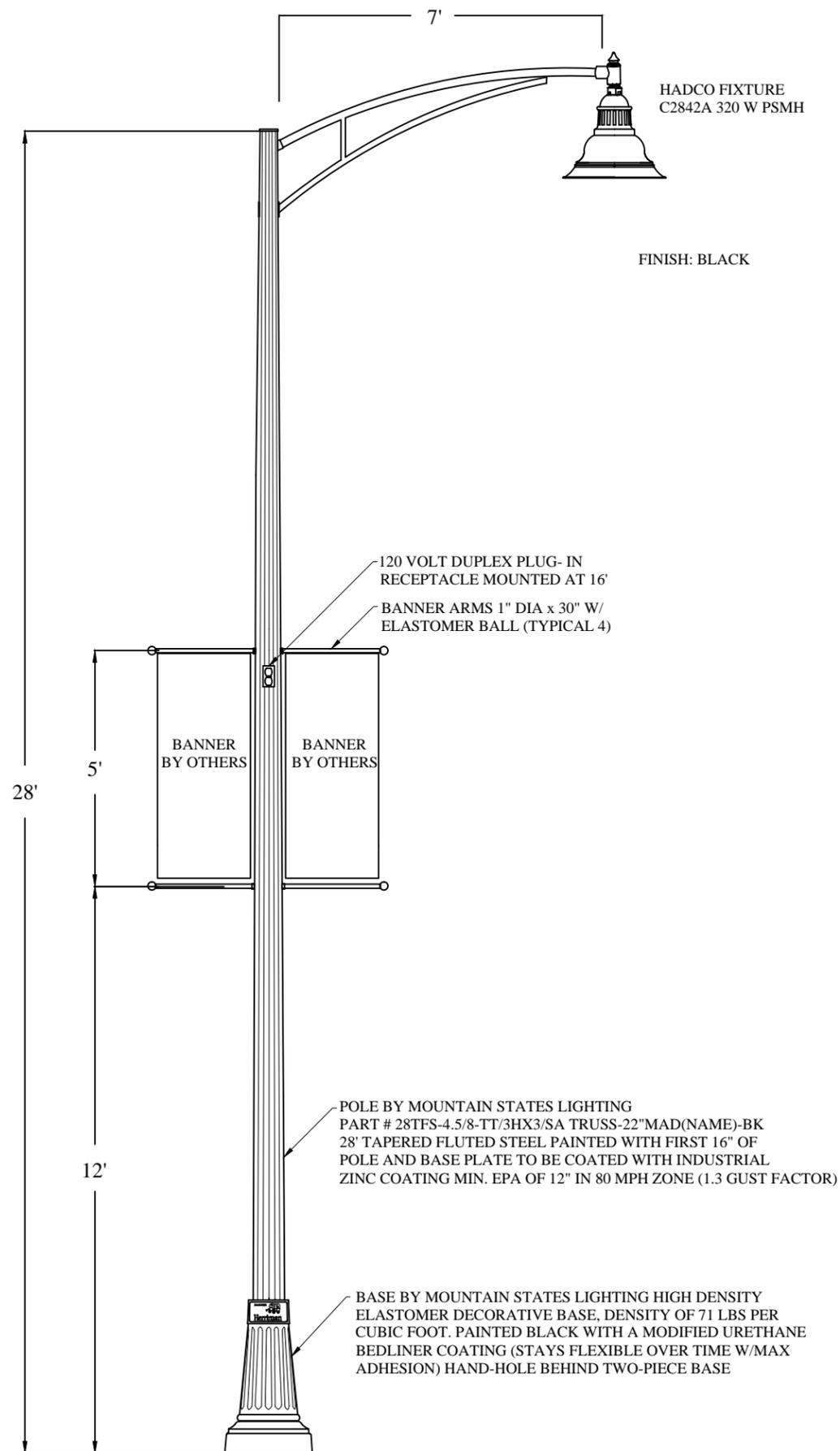


NO.	DATE	DRAWN BY	REMARKS


Herriman
 13011 S. Pioneer St. • Herriman, UT 84096

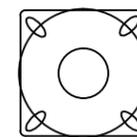
TOWNE CENTER SIDEWALK LIGHT
 POLE - 85W QL

SHEET NAME: _____
 CITY ENGINEER: _____
 DATE: _____



LUMINAIRE DETAIL

4 BOLTS AT 90 DEGREES
1" DIA. X 36" LONG X 3" HOOK BOLTS TO HAVE A 4" PROJECTION OUT OF THE CONCRETE. BOLTS TO BE GALVANIZED.

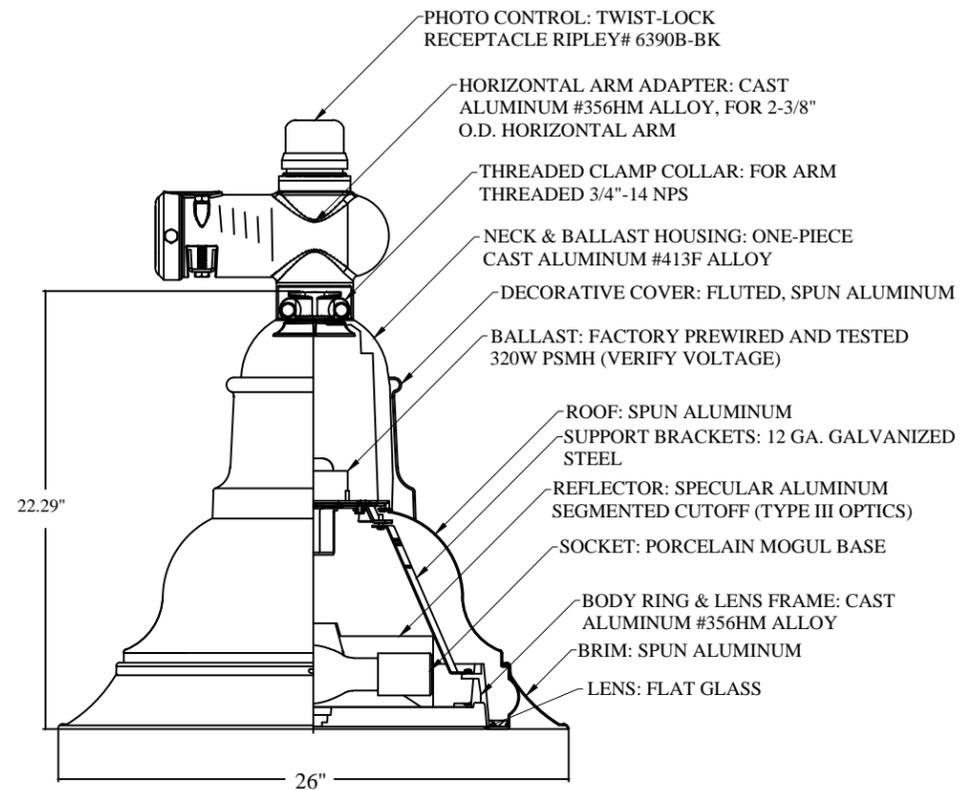
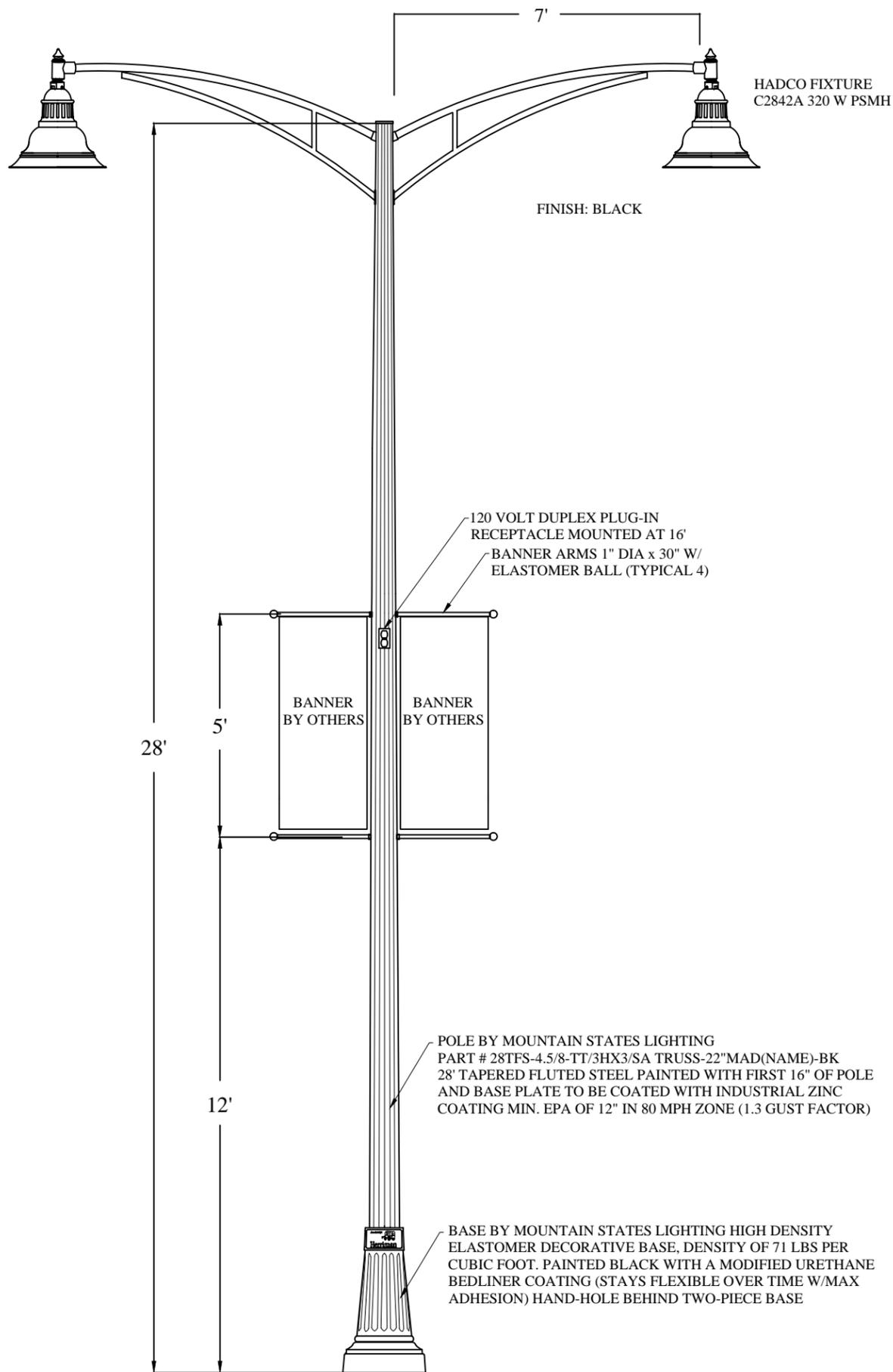


ANCHOR BASE DETAIL 12" BOLT
CIRCLE 1 1/8" x 2" HOLES TO ACCOMMODATE UP TO 1" DIA. BOLT

NO.	DATE	DRAWN BY	REMARKS

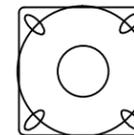
PARKING LOT LIGHT POLE
(LARGE AREAS) SINGLE 320W PSMH

CITY ENGINEER _____ DATE _____



LUMINAIRE DETAIL

4 BOLTS AT 90 DEGREES 1" DIA. X 36" LONG X 3" HOOK BOLTS TO HAVE A 4" PROJECTION OUT OF THE CONCRETE. BOLTS TO BE GALVANIZED



ANCHOR BASE DETAIL 12" BOLT CIRCLE 1 1/8" x 2" HOLES TO ACCOMODATE UP TO 1" DIA BOLT

REVISIONS		NO.	DATE	DRAWN BY	REMARKS



Herriman
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PARKING LOT LIGHT POLE
(LARGE AREAS) DOUBLE 320W PSMH

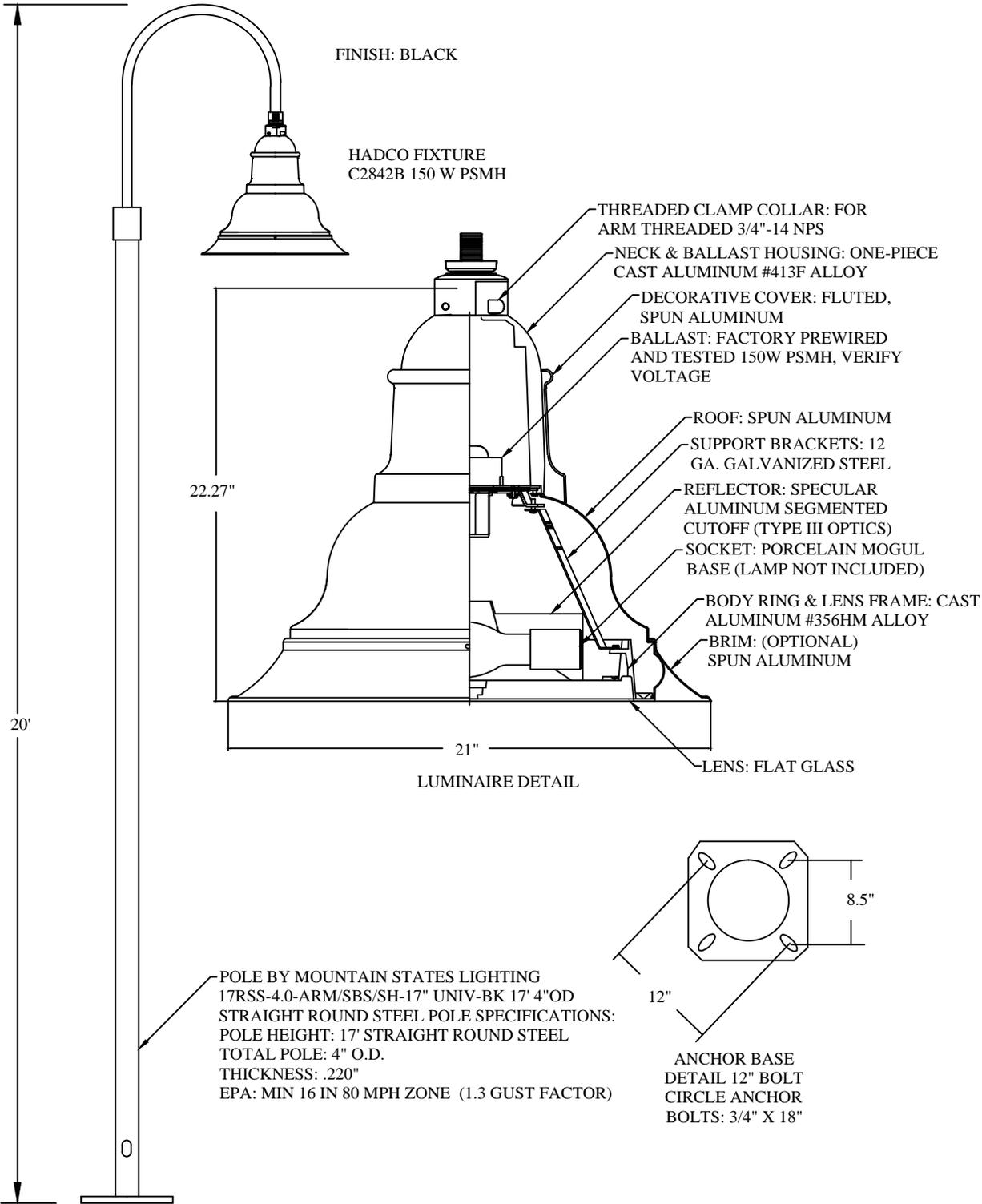
SHEET NAME

CITY ENGINEER

DATE

SHEET

SL-15



REVISIONS		NO.	DATE	DRAWN BY	REMARKS

Founded 1851

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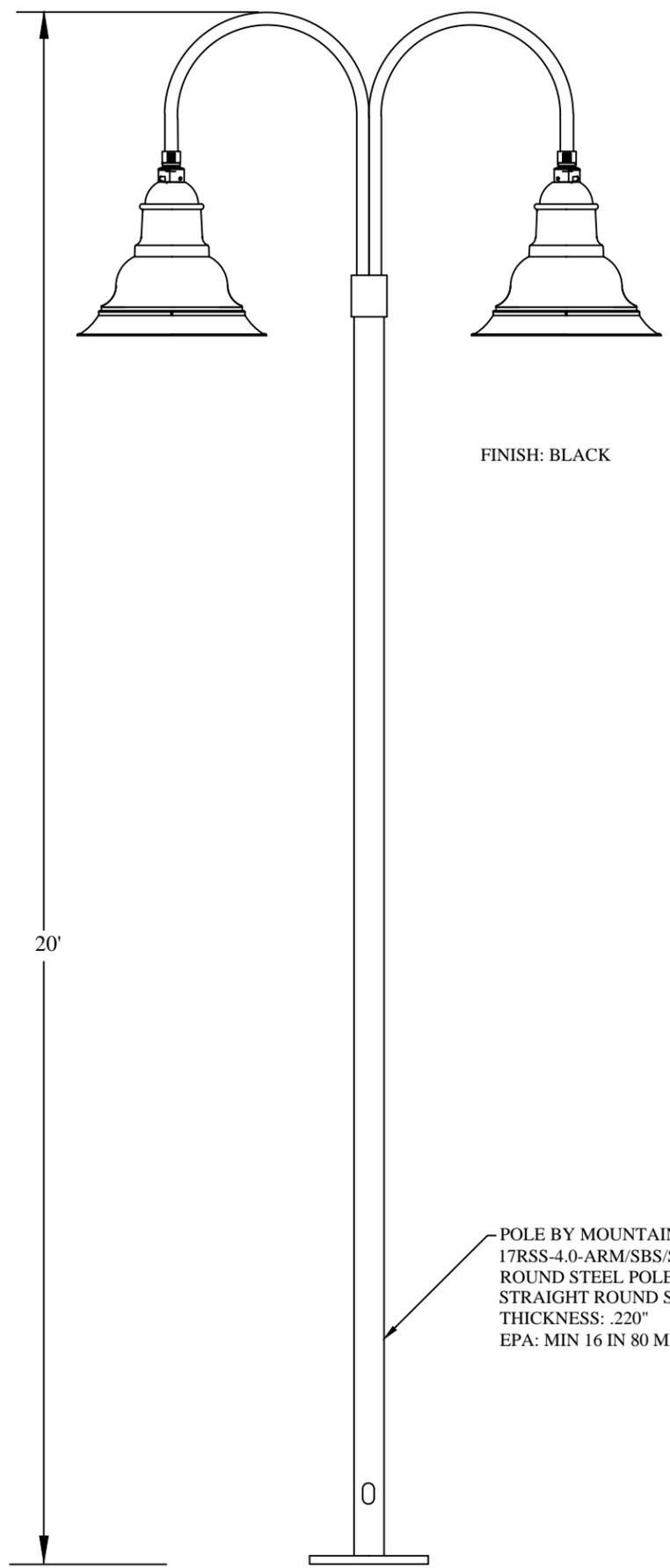
PARKING LOT LIGHT POLE (SMALL AREAS)
SINGLE 150W PSMH

CITY ENGINEER _____ DATE _____

SHEET NAME

SHEET

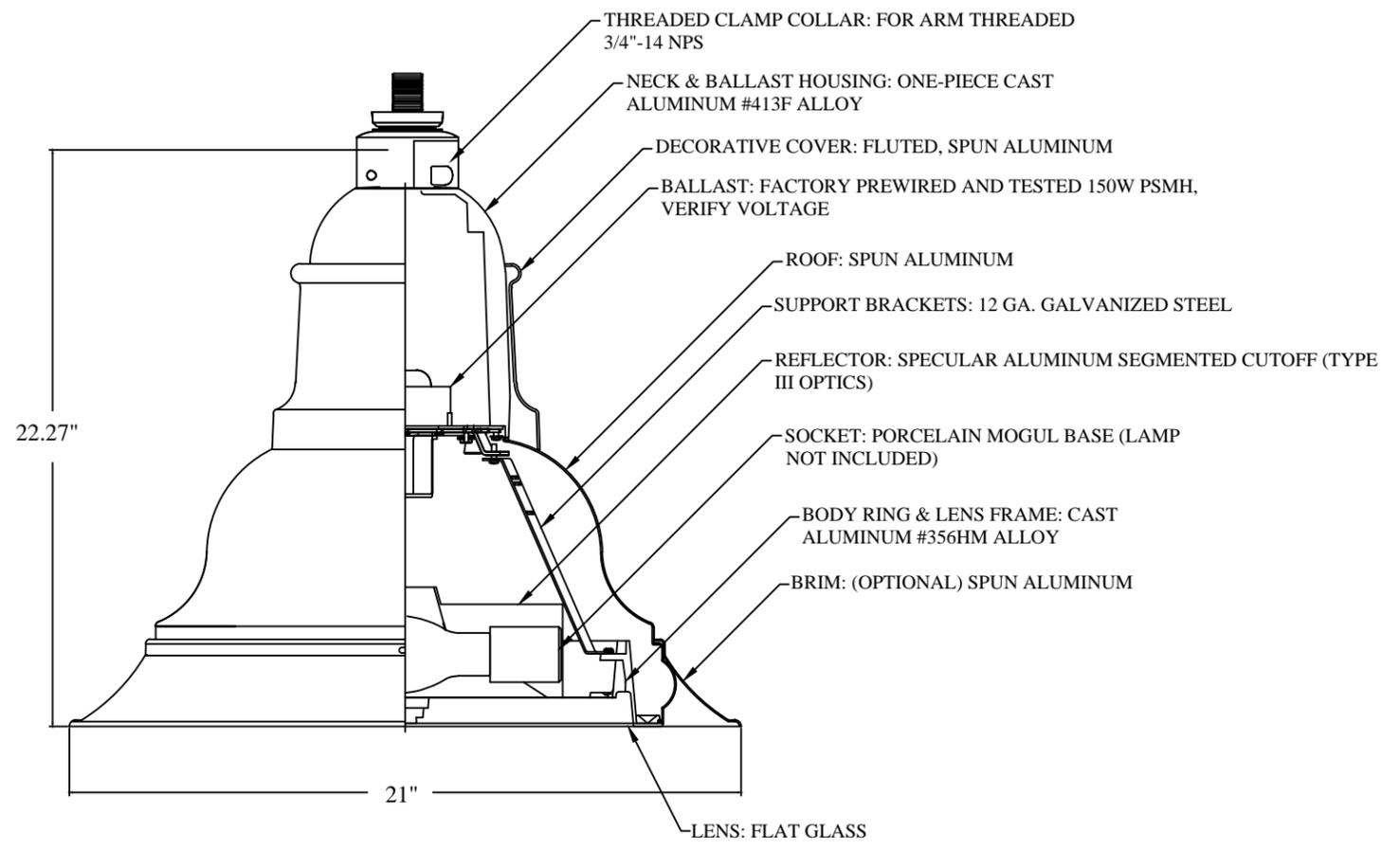
SL-16



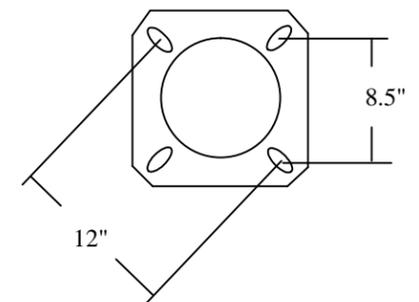
HADCO FIXTURE
C2842B 150 W PSMH

FINISH: BLACK

POLE BY MOUNTAIN STATES LIGHTING
17RSS-4.0-ARM/SBS/SH-17" UNIV-BK 17" 4"OD STRAIGHT
ROUND STEEL POLE SPECIFICATIONS: POLE HEIGHT: 17'
STRAIGHT ROUND STEEL TOTAL POLE: 4" O.D.
THICKNESS: .220"
EPA: MIN 16 IN 80 MPH ZONE (1.3 GUST FACTOR)



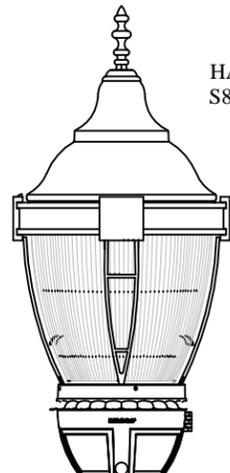
LUMINAIRE DETAIL



ANCHOR BASE DETAIL 12"
BOLT CIRCLE ANCHOR BOLTS:
3/4" x 18"

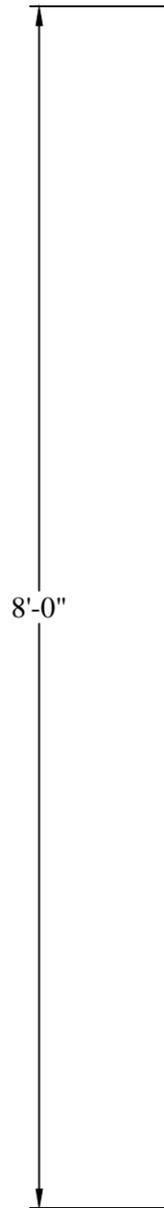
REVISIONS		NO.	DATE	DRAWN BY	REMARKS

	PARKING LOT LIGHT POLE (SMALL AREAS) DOUBLE 150W PSMH	CITY ENGINEER _____ DATE _____
	SHEET NAME	SHEET



HADCO
S8512B-85R

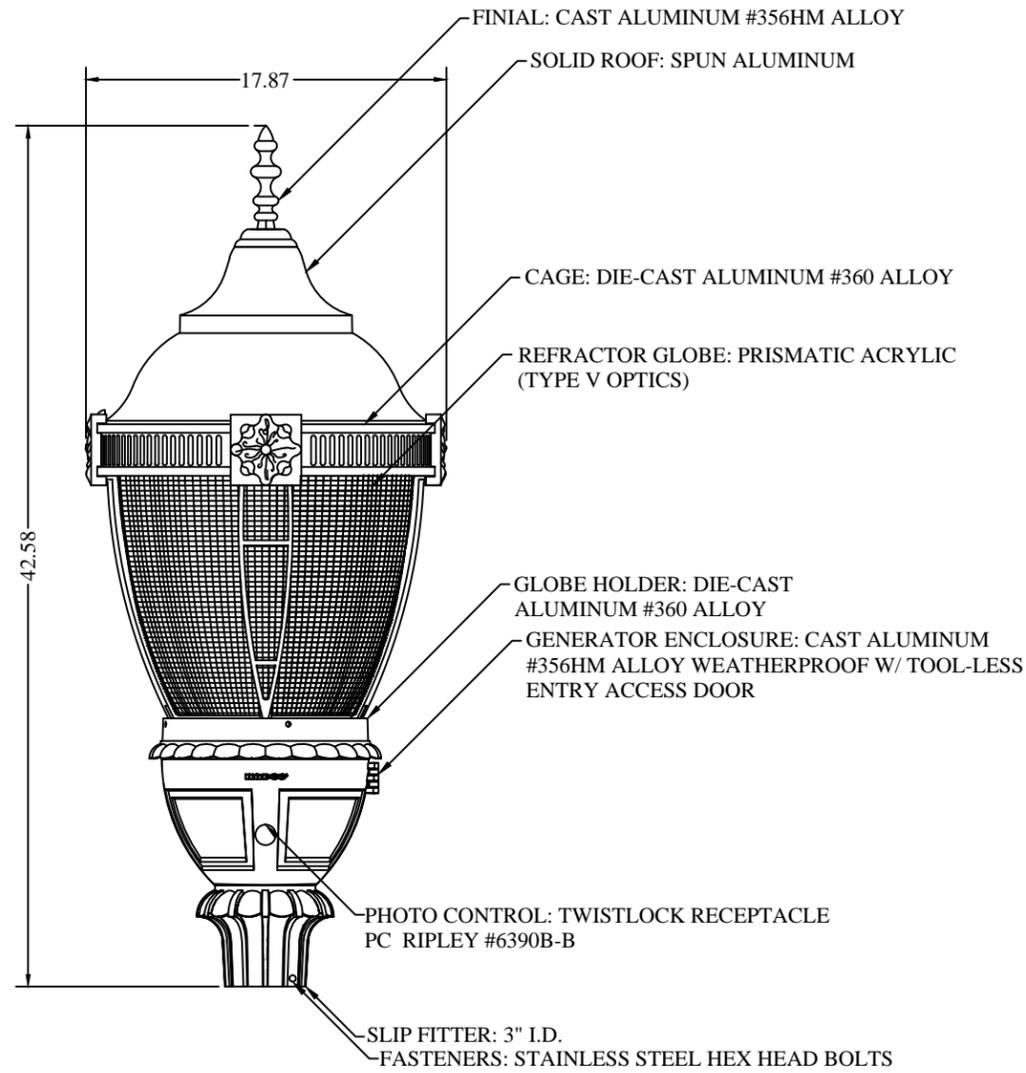
FINISH: BLACK



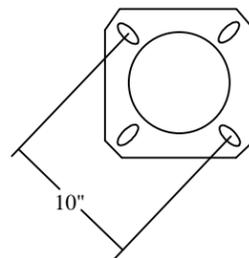
POLE BY MOUNTAIN STATES LIGHTING
8' EXTRUDED ALUMINUM PAINTED WITH
THE FIRST 16" OF POLE & BASE PLATE TO
BE COATED WITH ZINC COLD GALVANIZING
COMPOUND HAND-HOLE LOCATED BEHIND
TWO-PIECE BASE

LOCK RING

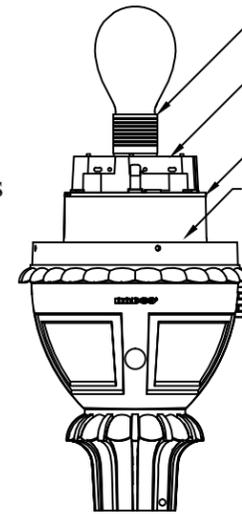
BASE BY MOUNTAIN STATES LIGHTING
PART# FRANK-17"W x 40"-HDEB-BK-MOD
HIGH DENSITY ELASTOMER DECORATIVE
BASE, DENSITY OF 71LBS PER CUBIC FOOT.
PAINTED BLACK WITH "HERRIMAN" LOGO
IN BLUE (STAYS FLEXIBLE OVER TIME
W/MAX ADHESION) BASE TO BE AN
AVERAGE OF 5/8" THICK



LUMINAIRE DETAIL



ANCHOR BASE DETAIL 10" BOLT
CIRCLE ANCHOR BOLTS: 3/4" x 18"



LAMPING: INDUCTION QL POWER
COUPLER QL DISCHARGE VESSEL

GENERATOR COVER: DIE-CAST ALUMINUM
#360 ALLOY W/ TOOL-LESS ENTRY

CAMDEN ADAPTER CAST
ALUMINUM #356HM ALLOY

GENERATOR: FACTORY PRE-WIRED
& TESTED, 85W QL, 240V

NO.	DATE	DRAWN BY	REMARKS



BRIDGE LIGHT POLE
85W QL

SHEET NAME

SHEET
SL-18

DATE

CITY ENGINEER