The City of West Jordan, Utah

Ordinance No. 26-32

An Ordinance Approving Updated Public Improvement Standards for Streetlights

Whereas, the City of West Jordan ("**City**") adopted West Jordan City Code ("**City Code**") in 2009; and City Code Section 8-3A-1, as well as Utah law, allows for Public Improvement Standards, Specifications and Plans ("**Public Improvement Standards**") to be adopted by the City Council of the City ("**Council**" or "**City Council**"); and

Whereas, the City Council desires to adopt updated Public Improvement Standards for Streetlights, to be collectively referred to as "**proposed Public Improvement Standards**"

Whereas, the Planning Commission of the City ("**Planning Commission**") held a public hearing and provided a recommendation on May 19, 2026, regarding the proposed Public Improvement Standards, to be adopted as land use regulations; and

Whereas, the City Council held a public hearing on June 23, 2026, regarding the proposed Public Improvement Standards, and finds it to be in the best interest of the public health, safety, and welfare of the residents of the City to adopt the proposed Public Improvement Standards.

Now, therefore, be it ordained by the City Council of the City of West Jordan, Utah:

Section 1. Adoption of Proposed Public Improvement Standards as Land Use Regulations. The current Public Improvement Standards (for Streetlights) are hereby amended and replaced in entirety with the proposed Public Improvement Standards in Attachment A, which is attached hereto.

Section 2. Severability. If any provision of this Ordinance is declared to be invalid by a court of competent jurisdiction, the remainder shall not be affected thereby.

Section 3. Effective Date. This Ordinance shall become effective immediately upon posting or publication as provided by law and upon (i) the Mayor signing the Ordinance, (ii) the City Council duly overriding the veto of the Mayor as provided by law, or (iii) the Mayor failing to sign or veto the Ordinance within fifteen (15) days after the City Council presents the Ordinance to the Mayor.

Passed by the City Council of the City of West Jordan, Utah, this 23rd day of June 2026.

City of West Jordan

By: Bob Bedore (Jun 25, 2026 12:47:53 MDT)

Bob Bedore
Council Chair

Attest:

Cindy M. Quick, MMC
Council Office Clerk

(continued on the following pages)

Voting by the City Council	**"Yes"**	**"No"**
Chair Bob Bedore	☒	☐
Vice Chair Jessica Wignall	☒	☐
Council Member Annette Harris	☒	☐
Council Member Zach Jacob	☒	☐
Council Member Chad Lamb	☒	☐
Council Member Kent Shelton	☒	☐
Council Member Kayleen Whitelock	☒	☐

Presented to the Mayor by the City Council on June 25, 2026.

Mayor's Action: X Approve _____ Veto

By: _____ Jun 26, 2026

Mayor Dirk Burton Date

Attest:

_____

Tangee Sloan, MMC, UCC
City Recorder

Statement of Approval/Passage (check one)

X The Mayor approved and signed Ordinance No. 26-32.

_____ The Mayor vetoed Ordinance No. 26-32 on _____ and the City Council timely overrode the veto of the Mayor by a vote of _____ to _____.

_____ Ordinance No. 26-32 became effective by operation of law without the Mayor's approval or disapproval.

_____

Tangee Sloan, MMC, UCC
City Recorder

Certificate of Publication

I, Tangee Sloan, certify that I am the City Recorder of the City of West Jordan, Utah, and that a short summary of the foregoing ordinance was published on the Utah Public Notice Website on the 29th day of June 2026. The fully executed copy of the ordinance is retained in the Office of the City Recorder pursuant to Utah Code Annotated, 10-3-711.

Tangee Sloan, MMC, UCC
City Recorder

Attachment A

Ordinance No. 26-32

An Ordinance Approving Updated Public Improvement Standards for Streetlights

(See the following pages for the Attachment.)

Street Lighting

Design and Construction Standards

Section 16500

All information on these pages is subject to change without notice. These documents are provided as a general guideline and should be verified with the West Jordan Engineering Department at (801) 569-5070.

STREET LIGHTING STANDARDS

SECTION 16500

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GENERAL

According to AASHTO "Good visibility under day or night conditions is a fundamental requirement that enables motorists to move on roadways in a safe and coordinated manner. Street lighting properly designed and maintained should produce comfortable and accurate night visibility, which should facilitate vehicular and pedestrian traffic.

The work includes the furnishing and installation of new materials and equipment for a complete and operable residential roadway lighting system, as indicated on the Drawings and as specified herein, all in accordance with the requirements of the City's "Public Improvement Standards, Specifications and Plans". The end result shall be a system complete and operational to the satisfaction of the Director of Public Works. The Developer/Contractor shall show street light locations on all residential, commercial, and industrial development plans (see street lighting layout detail). Street lights shall be placed on alternating sides of the street as required to achieve the illuminance criteria specified herein. Additionally, one street light shall be required at each road intersection and at each cul-de-sac. Street lights should be placed at lot line boundaries to avoid unnecessary obstruction along the property frontage, as close to the Rocky Mountain Power grid as possible. Occasionally, the case may require a street light to be placed at a location other than at the property boundary; for example, this may occur on a lot with an unusually long frontage, in residential areas streetlights should be optimally 150 feet spacing with a 200 feet maximum spacing as measured along the center line of the road. On roadways classified as collectors or arterials, the spacing will be 300 feet maximum on side of the street with the goal of staggering the spacing on each side at equal intervals. The City Engineer may require additional or fewer street lights at his discretion. Additional street lights may be required in locations where safety hazards or special traffic needs exist; examples include locations such as half block intersections, pedestrian crosswalks, sidewalks or trails, bending roadways, parking lot entrances and exits, busy intersections, bridges and busy private or commercial driveways. In medium and high-density areas, midblock street lighting is also desirable in accordance with the recommendations of the Illuminating Engineering Society. These are published as an American National Standard Practice. The Developer/Contractor shall incur all costs for and provide trenching in which subsurface electrical lines may be installed to power the street lighting system as shown on the development plat. Trenching shall be to the depth, width and standards specified by the City. The Developer/Contractor assumes all responsibility, expense, and liability for the street lighting system until the complete lighting system is accepted by the City by formally commencing the streetlight warranty period. It is recommended that poles and fixtures be inspected for shipping damage, manufacturing flaws, etc., upon delivery. The City reserves the right to reject damaged or flawed materials with all costs associated to be incurred by Developer/Contactor. The Developer/Contractor shall restore all compromised surfaces to original or better condition. This includes, but is not limited to, landscaping, sidewalk, curb and gutter, roads, etc.

1.01 DEFINITIONS

A. Approved Plan shall mean a plan and supporting documents prepared to indicate the type and placement of street lights within the scope of a development. Placement and type of street lights shall conform to specifications as approved by the Director of Public Works.

B. As-Built Drawings shall mean a plan prepared after street light installations have been completed indicating actual utility easements, location of street lights, wiring diagrams and any others pertinent information relating to the installation of street lights within a development. As-built shall also include dimensions of the actual location of conduits.

C. Commercial Development shall mean any development occupied with or engaged in commerce.

D. Contractor company or person under contract: a company or person with a formal contract to do a specific job, supplying labor and materials

E. Developer shall mean any sub divider or any person or organizations that develops, or intends to develop or sell property for the purpose of future development.

F. Ground Box known as box, vault, flush mount, pull box, enclosure and junction box.

G. Public Street, Trail or Open Space shall be that street, park strip, and sidewalk or trail, open space or pedestrian walkway area dedicated to a political jurisdiction for public transportation and use.

H. Residential Development shall mean any development providing permanent living accommodations.

I. Streetlight shall mean any combination of luminaire(s), pole, anchor base (if required), appurtenances, and underground wiring required to provide roadway lighting.

J. Streetlight Specifications shall mean those specifications, standards and requirements as established and approved by the Director of Public Works pertaining to the type of luminaire, pole, anchor base (if required), wiring, appurtenances and installation procedures for the installation of a street lighting system.

K. Streetlight Standard shall mean the classification of street light based on the width of the street rightof-way in which that street light will be installed. Street Light Standards are as follows:

   a. Arterial shall mean those streets with a dedicated Right-of-Way of 106+ feet.
   b. Collector shall mean those streets with a dedicated Right-of-Way greater than 50 feet and less than 106 feet.
   c. Local (Residential) shall mean those streets with a dedicated Right-of-Way of 50 feet or less. L. PUD: shall mean either a residential or commercial Planned Unit Development.

M. Public Utility Easement shall mean the area designated for access to construct or maintain utilities on privately or publicly owned land, as defined by State Code.

N. TOD: shall mean either a residential or commercial Transit Oriented Development.

1.02 CONSTRUCTION WORK INCLUDED

A. Wire/Conductors
B. Conduit
C. Concrete base installation
D. Light pole installation
E. Light fixture installation
F. In-ground junction boxes
G. Connections and fuse installation
H. Grounding and bonding
I. Location and spacing
J. As-built submittals
K. Warranty

1.03 RELATED WORK SPECIFIED ELSEWHERE

A. All earth work required for the installation or construction of any of the work specified herein shall be performed in accordance with the requirements of APWA Section 02200 entitled, ["Earthwork."]
B. All concrete work required for installation or construction of any of the electrical work specified herein, shall conform to the requirements of APWA Section 03304 entitled, ["Minor Concrete."]

1.04 REFERENCE SPECIFICATIONS AND STANDARDS

A. General: Without limiting the generality of other requirements of these specifications, all work specified herein shall conform to, or exceed, the applicable requirements of the National Electric Code (N.E.C), all applicable City of West Jordan codes and ordinances, Rocky Mountain Power (R.M.P.) Standards, and American Public Works Association (A.P.W.A.), Manual of Standard Specifications.

1.05 PERMITS AND INSPECTION

A. Permits shall be obtained, and inspection fees shall be paid for as specified in the City's Development Processing Manual. The Developer/Contractor shall notify and arrange inspection of any improvements prior to backfilling of trenches. A minimum of 24-hour notice shall be given prior to any inspection request. The Contractor shall conduct his work during "normal" working hours, which are 7:00 a.m. to 3:30 p.m., Monday through Friday, and excludes holidays.

1.06 CONTRACTOR SUBMITTALS

A. Streetlight Plans: The Developer/Contractor shall provide and maintain a complete set of up-todate streetlight plans in good order on the site. All differences between the location and arrangements indicated on the drawings and those of the actual installation shall be dimensioned and noted on the

"As-Built" drawing set. Plans shall show the location and type of poles, show type of wire and gauge, conduit runs, fuse boxes, junction boxes, meter enclosure, power source, etc.

B. Shop Drawings and Product Data: A complete, bound, indexed, shop drawing and product data binder large enough for all items to be included, shall include shop drawings and product data shall be submitted for all equipment items to be used on the work unless otherwise indicated by the Engineering Department. When requested, supplement the following list by such other data as may be required, including detailed scale drawings and wiring diagrams of any special equipment and of any proposed deviation from the Street Light Specifications.

C. Approval Required: No materials, equipment, apparatus, or fixtures shall be purchased or installed unless and until such materials, and other items have been approved in writing by the City Engineer or Electrical Department. Any and all materials installed in violation of these provisions shall be removed and replaced at the Developer's own expense with materials acceptable to the City Engineer.

D. As-Built Submittal: at the end of the project, the Developer/Contractor shall transfer all changes and reference in ink to 2 sets of black and white prints and one electronic copy and shall submit said "As-Built" drawings to the Engineering Inspector. The final sheet of each set shall be initialed by the Developer/Contractor as being correct and accurate records of the installation as constructed.

E. Guarantee: In addition to the guarantee specified in Section entitled, ["Project Closeout"] the Developer/Contractor shall guarantee his work against any defects in material and/or workmanship for a minimum of one-year from the official project acceptance date, or the specified guarantee period, including damage resulting from negligence and vandalism. A 7 day "burn in" state must be completed before final approval . After the final approval, all taped or covered photo left must be removed, and the photocells must work properly. Said guarantee shall be in written form and shall be acceptable to the [Engineer,] to whom it shall be delivered before final acceptance and before bond release. Any latent defects in Developer/Contractor furnished material or workmanship, which is discovered during the time of the guarantee, shall be repaired or replaced by the Developer/Contractor at no cost to the City. The Developer/Contractor shall be responsible for all blue-staking, maintenance, repair of underground lines, poles, shrouds or luminaries of the lighting system until final acceptance by the City. A final inspection shall be performed when the Developer/Contractor reaches total project completion and before the 100 percent bond release.

F. Field Control of Location and Arrangement: The Drawings indicate diagrammatically the desired location and arrangement of conduit runs, equipment, and other items. All poles shall be located as specified on the plans, unless approval is granted in writing by the City Engineer or Electrical Department. The power company shall approve the final location of all poles located near a collector street, or near overhead lines.

G. Workmanship: All materials and equipment shall be installed in accordance with the manufacturer's recommendations and the requirements of these specifications. The installation shall be accomplished by workmen skilled in this type of work and installation shall be coordinated in the field with other trades so that interferences are avoided. The Developer/Contractor shall not allow

or cause any of his work to be covered up or enclosed until it has been inspected and approved by the Engineering Inspector. Should any of the work be enclosed or covered up before such inspections, the Developer/Contractor shall, at his own expense, uncover the work, and after it has been inspected and approved, make all repairs with such material as may be necessary to restore all work to its original and proper condition.

H. Product Protection: The Developer/Contractor shall provide adequate means for and shall fully protect all materials, both in storage and during construction so that not finished surfaces will be damaged or marred.

I. Tests: All wiring and connections shall be tested for continuity, short circuit, and improper grounds under the observation of the City Inspector. A minimum of 48-hour notice is required for observation of testing.
   a. Any failure shall be corrected in a manner satisfactory to the Engineering Inspector. The Contractor shall pay all costs of testing, including costs of correcting failures and of replacing or repairing any damage to associated work or surrounding areas resulting there from.
   b. The Contractor shall make all tests required by the City Engineer under the observation of the City inspector for the project. The Contractor shall furnish all necessary testing equipment and pay all costs of tests, including all replacement parts and labor necessary due to damage resulting from damaged equipment or from test and correction of faulty installation. The testing shall demonstrate the following to the satisfaction of the [Engineer:]
   c. That all lighting power and control circuits are continuous and free from short circuits.
   d. That all circuits are free of unspecified grounds.
   e. That all circuits are properly connected in accordance with applicable wiring diagrams.
   f. That all circuits are operable. Tests shall be conducted that include operation of each lighting and power circuit for not less than 48 hours.

PART 2 – INSTALLATION

GENERAL

A. Components of the street lighting systems shall be in compliance with the standards, specifications and styles currently adopted by the City of West Jordan for use in the municipal right-of-way. All materials furnished under this specification shall be new, and shall comply with the requirements of the current editions of referenced specifications, codes, and standards. Any deviation of part numbers or submittals of approved equal specifications must be approved by the Public Works Electrical Department in writing prior to ordering or installation of product.

2.01 WIRE/CONDUCTORS

A. All wires hall be copper; all sizes shall use American Wire Guage (AWG)

Developer/Contractor shall submit a load calculation prepared by an Electrical Engineer for the proposed wire gauge. The minimum wire size shall be #10 AWG Type THHN from power source to the pole base or hand hole. All wiring shall be installed in approved conduit.

B. Wire from pole base or hand hole to fixture shall be minimum #10 AWG Type THHN copper wires.
C. Aluminum wiring is only allowed if there is written approval by a city official.
D. See RMP point of disconnect drawing for additional information and requirements.
E. Connections shall only be made by a licensed electrician regularly engaged in this type of work.
F. Wire nuts will be allowed in the pole base only.
G. Mechanical lugs Tyco Gel Cap SL or equivalent must be used in the ground box and shall meet NEC specifications, UL labeled and listed to be designed for this purpose.
H. A Homac SLK-M inline watertight, mechanical 600 V rated fuse kit or equivalent shall be used on all hot leads per RMP point of disconnect requirements.
I. Splice only at junction boxes, transformer leads, in accessible pole bases, or at control equipment. All splices within boxes shall be watertight; heat shrink splices, gel cap, etc. Splice conductors as per manufacturer's recommendations and codes.
J. Leave minimum 2-feet of slack at each pole. Leave 2-feet of slack above top of pull box grade.

2.02 GROUND BOXES AND LIDS

A. Use Carson H Series 1118-12 or approved equal (ANSI/SCTE Tier 22 loading) heavy duty box; polymer concrete and fiberglass with polymer cover in high traffic areas and driveway approach areas.
B. Commercial roadways – UDOT spec'd with concrete traffic rated junction box, with a 4x6ft skirt around the box.
C. All covers to be permanently marked "Street Lighting" and secured with recessed stainless steel nuts, screws, and washers.
D. Point of disconnect box is to be placed as per Rocky Mountain Power specifications, typically within 3 to 10 feet of the power source.
E. Top of ground box shall be placed at finished grade and level. Place long side of box parallel to curb/sidewalk (improvements) unless otherwise indicated. See Rocky Mountain Power Point of Disconnect Standard.
F. A minimum of 8 inches of ¾ minus gravel shall be placed prior to setting junction box. Hand tamp gravel around the junction box collar. Fill and compact soil to grade, level with cover on box.
G. In concrete base installations all conduit shall extend a minimum of 3 inches above the gravel base with a minimum clearance of 3 inches from the box lid.
H. Wire must extend a minimum of 24 inches above grade to splice in ground box.
I. Any box installed during construction is not to be buried.
J. City approved security lids must be installed on completed Junction boxes.
K. Any junction box extensions shall be installed as per manufactures recommendations.

2.03 CONDUIT

A. Unless otherwise specified, buried electrical conduits shall be 1-1/2-inch minimum, grey schedule 40 PVC electrical conduit between junction box and anchor base.
B. Run conduit in straight lines, install 1'FT back of curb unless specified in the plans or you have written approval from the city
C. Conduit must sweep into junction box and anchor base.
D. Conduits shall be of the size indicated on the West Jordan Standard Drawings. It shall be the option of the Contractor to use larger conduit than that specified, provided that where such substitution is made, it shall be for the entire length of the conduit run. No reducing fittings will be permitted.
E. The maximum bend of a conduit shall be 90 degrees with a 24 inch maximum radius and a minimum of 18 inch radius.
F. All conduits shall have an approved cap or duct seal on ends to prevent debris from entering conduit during construction.
G. All empty conduits shall have a pull string. Leave at least 2-feet of pull string extending beyond each end of the conduit run and secure.
H. Conduit shall extend a maximum of 3 inches and a minimum of 1 inch above the finished streetlight concrete base.
I. In areas specified by the City Engineer for high traffic areas, or special installations schedule 80 PVC may be required.
J. All conduit locations shall be accurately located and documented on the "as-built" drawings. Documentation at a minimum shall include conduit size, depth from finished grade to top of conduit and distance from back of curb.

2.04 POLE FOUNDATION

A. Construct foundation as per manufactures requirements, other construction standards referring to Minor Concrete and Earthwork shall also apply.
B. All bases shall be a maximum of 2 inches above sidewalk or top back of curb grade, whichever is higher. In cases where bases are not adjacent to curb or sidewalk, top of base shall be a maximum of 2 inches above adjacent grade.
C. Bases shall be centered in park strips unless otherwise indicated.
D. Center conduit ends within the bolt circle.
E. Fiberglass poles for residential may be directly buried when under 20'FT in overall length.
F. Concrete for bases must meet APWA 2012 standard specification, Section 30-30-4 table 5.

2.05 Anchor Bolts

A. Anchor bolts shall be supplied by the pole manufacturer.

B. Anchor bolts shall conform to ASTM A 307, and shall be provided with two nuts and washers each. Anchor bolts, nuts, and washers shall be fully galvanized by the hot-dip process conforming to ASTM A 153, or cadmium plated with Type NS coating conforming to ASTM A 165.
C. All nuts shall be symmetrically formed with the hole centered and at right angles to the face, tapped to fit a corresponding thread so that nut can be run the entire length of the thread by the fingers without undue forcing, and without noticeable play or rocking.
D. Verify proper final orientation for hand hole placement. Final hand hole location/orientation shall be on the sidewalk side of pole (opposite vehicular traffic).
E. Break away bolt hardware may be required by the City staff.

2.06 POLES AND LUMINAIRE SUPPORTS

A. Approved poles model numbers are subject to change, submit data sheets for review and approval prior to ordering product.
B. All hardware shall be corrosion resistant stainless steel.
C. Residential:
    a. Whatley
    b. Shakespeare
    c. Holophane Wadswork
    d. Northwest Standard
    e. Approved Equal
D. Collector/Arterial:
    a. Whatley
        i. 2 3/8" Adaptor 24" ARM SB100242BLKRFD203799
            1. 2.Shakespeare
        ii. 2 3/8" Adaptor 24" ARMSB100242BLKRFD203799
        iii. Approved Equal
E. Commercial, PUD or TOD only as directed by City Staff
    a. Holophane North Yorkshire
        i. Cross arm
        ii. Banner arm
    b. Whatley
        i. 2 3/8' Adaptor 24" Arm
    c. Shakespeare
        i. 2 3/8' Adaptor 24" Arm
        ii. Northwest Standard
    d. Approved Equal
    e. Paint Black

2.07 Luminaire

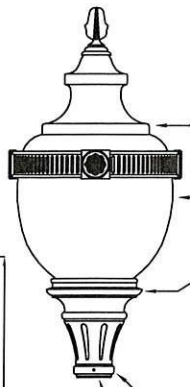
A. Approved luminaires model numbers are subject to change, submit data sheets for review and approval prior to ordering product.
B. Residential Roadway: The luminaire shall be of the traditional acorn shape; approved manufacture and model numbers are as follows:
    i Sternberg Lighting
    ii King Luminaire
    iii Philips HADCO Urban Lighting
    iv Approved Equal
C. Arterial Roadway/Collector Roadway: The luminaire shall be of the LED cobra head type; approved manufacture and model numbers are as follows:
    i Leotek
    ii Philips Road Focus
    iii Approved Equal
D. Commercial, PUD or TOD: The luminaire shall be of the LED cobra or acorn head type only as directed by City staff; approved manufacture and model numbers are as follows:
    i Leotek
    ii Philips Road Focus
    iii Philips Road Focus Intersection Light
    iv Sternberg Lighting
    v King Luminaire
    vi Approved Equal
E. Paint: Black.

2.08 CONTROL EQUIPMENT

A. Individual twist lock photo-electric control long life for LED applications is standard.
    1. LED DLL Elite 127_1.5 or approved equal
    2. Multiple voltage 120-277 model
    3. Photo-electric control turn on level 1.5
    4. Fail to On
    5. Adjust to “North Sky” position
B. Milbank or Strongbox control cabinet may be specified for use in collector, arterial, PUD, TOD or commercial applications at the discretion of the City Engineer.
    1. Cabinet to be installed as per manufactures recommendations.

*** END OF SECTION ***

RESIDENTIAL STREET LIGHT
(W/ OPTIONAL CONCRETS BASE)



CAST ALUMINUM ROOF WITH INTEGRAL LED HEAT SINK IP65 RATED OPTIC CHAMBER

TEXTURED ACRYLIC ACORN

CAST ALUMINUM UTILITY FITTER WITH TOOL-LESS ACCESS TO:
-DRIVER COMPARTMENT (WITH EXTRA LEVER NUTS ON WIRES BETWEEN DRIVER AND LED'S)
-TERMINAL BLOCK FOR #6 WIRE (SPECIAL HORIZONTAL MOUNTING)
-7 PIN TWIST LOCK PHOTOCELL RECEPTACLE ONLY (PHOTOCELL BY OTHERS) (INTERNALLY ORIENTED TO LINE UP PHOTOCELL EYE WITH FITTER DOOR WINDOW)

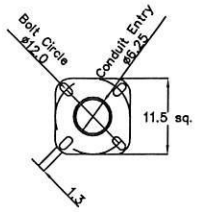
5/16-18, STAINLESS STEEL, HEX HEAD ATTACHMENT SET SCREWS

FITTER TO SLIP FIT 3" OD X 3" TALL TENON

3" x 3" TENON

14'

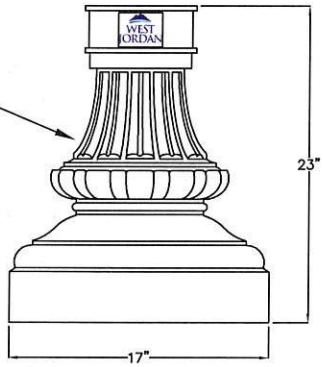
ANCHOR PLATE DETAIL



OPTIONAL ELASTOMER TWO PIECE BASE COVER MSL# WJ-17WASH-LOGO

12"

DECORATIVE TWO-PIECE BASE HIGH DENSITY ELASTOMER BASE, DENSITY OF 71 LBS PER CUBIC FT PAINTED BLACK WITH A MODIFIED URETHANE COATING. ELASTOMER ½" MIN. THICKNESS. "CITY LOGO" CAST INTO BASE LOGO PAINTED "WEST JORDAN BLUES"



WEST JORDAN
ENLARGED BASE DETAIL

CHAMFER EDGES

MIN 2" ABOVE FINISHED GRADE AND 6" BEHIND CURB

4-ANCHOR BOLTS (GALVANIZED), ¾" X 18" MANUFACTURER SUPPLIED

24" MIN.

42" MIN.

1 ½" SCH. 40 PVC MIN.

CONCRETE: CLASS 4000 PSI 6.5 BAG MIS 4-SLUMP APWA SECTION 03-30-04 SECTION 2.50 TABLE 5 PG. 194 USE STINGER TO PREVENT HONEYCOMB. REMOVE ALL EXPOSED SONOTUBE AFTER POUR

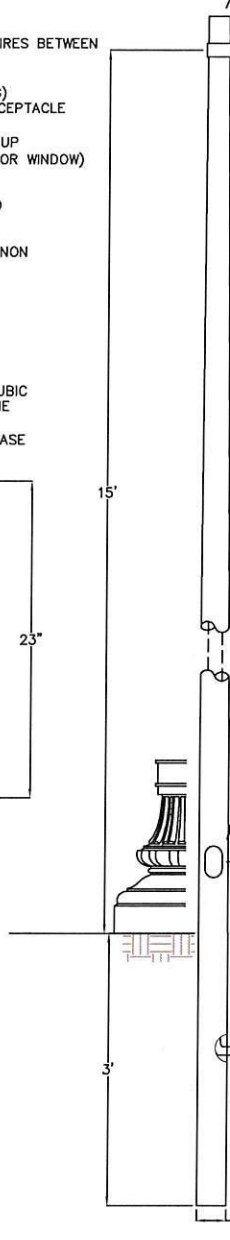
3" COVER

BOND GROUND ROD TO #4 REBARD CAGE WITH #8 SOLID WIRE WITH ⅝" GROUND CLAMP

24" DIA.

6 #4 VERTICAL REBAR WITH #4 RINGS AT 8" ON CENTER AND TWO (2) RINGS IN TOP 8" 18" #4 RINGS

RESIDENTIAL STREET LIGHT
(NO CONCRETE BASE)



3.00 O.D. X 3" HIGH LONG ALUMINUM TENON MOUNTING HEIGHT = 15'

15'

SHAKESPEAR B518-0151BC09

-OR-

WHATLEY TR34-14-DE-BLK-SMS-30-18-DBP

2.5" x 5" HANDHOLE (INSIDE)

OPTIONAL ELASTOMER TWO PIECE BASE COVER MSL# WJ-17WASH-LOGO

12"

18"

3'

SEE ROCKY MOUNTAIN POWER STREETLIGHT POINT OF DISCONNECT DIAGRAM (P.O.D.)

6" NOM BUTT DIA

DRAWING UPDATED FEBRUARY 2017

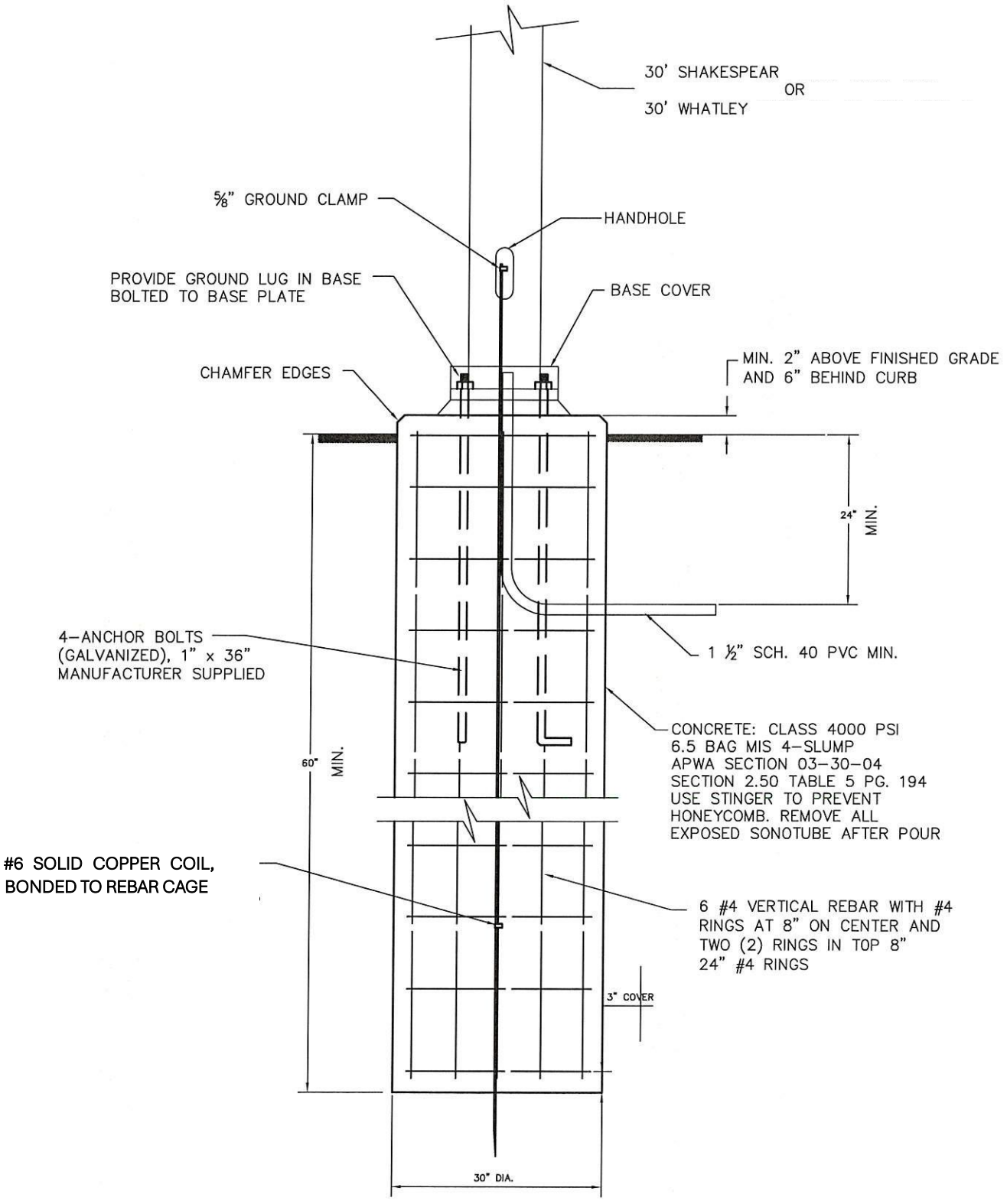
City of West Jordan, Utah

WEST JORDAN UTAH

RESIDENTIAL STREET LIGHT

STANDARD DRAWING

RD-225



POLE FOUNDATION

DRAWING UPDATED FEBRUARY 2017

City of West Jordan, Utah

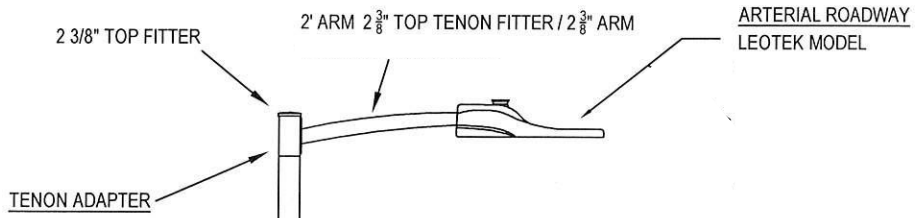
WEST JORDAN UTAH

ARTERIAL/COLLECTOR POLE FOUNDATION

STANDARD DRAWING

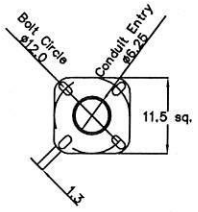
RD-235

LED STYLE

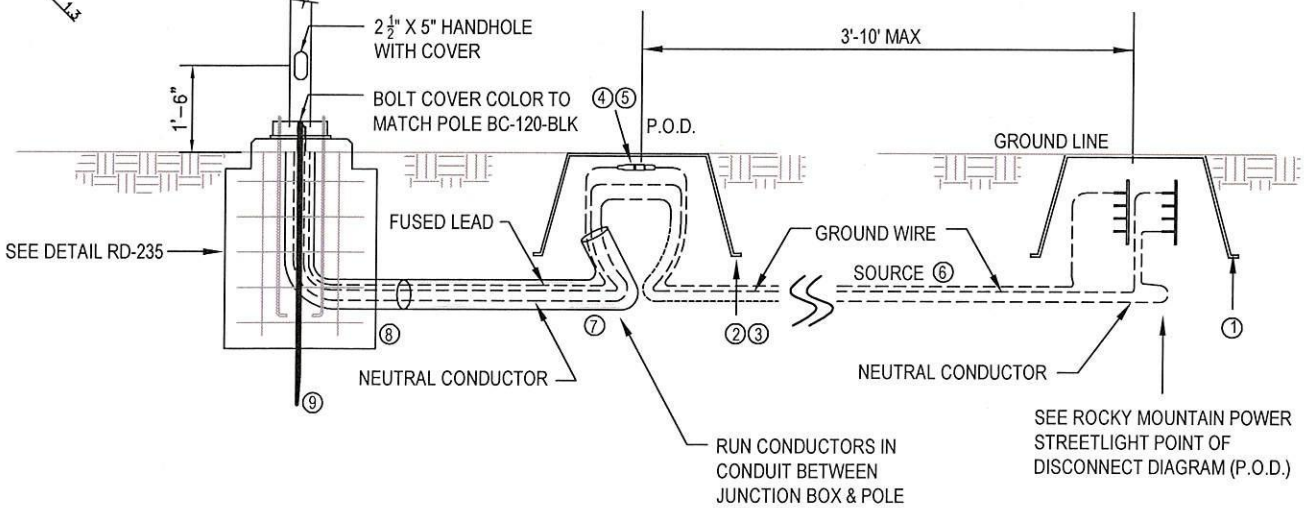


NO.	DESCRIPTION
1.	R.M.P. BOX, VOLTAGE SOURCE FOR CIRCUIT.
2.	JUNCTION BOX, UNDERGROUND, STREET LIGHT, SMALL PLASTIC, FOR NO OR LOW TRAFFIC AREAS CARSON L SERIES 1419-12 BOX OR EQUIVALENT SHOULD BE PLACED AT GRADE LEVEL, WITHIN THREE TO TEN FEET OF SOURCE BOX.
3.	JUNCTION BOX, UNDERGROUND, POLYMER CONCRETE AND FIBERGLASS WITH POLYMER CONCRETE COVER TO BE USED IN HIGH TRAFFIC AREAS
4.	INLINE FUSE HOLDER, WITH WATER PROOF BOOTS HOMAC, SLK-M OR EQUIVALENT. USE GELCAP SL FOR ALL SPLICE CONNECTIONS.
5.	FUSE, 10 A, 600 V, KTK, FNM, OR EQUIVALENT
6.	CONDUCTOR #6 OR #8 COPPER STRANDED DIRECT BURIAL WIRE. WILL ALLOW THHN COPPER ON NEW L.E.D. PRODUCTS
7.	CONDUIT 1-1/2" MIN. PVC ELECTRICAL GRADE.
8.	ANCHOR BASE, SEE DETAIL RD-235.
9.	GROUND ROD, 8 FOOT 5/8 CU CLAD GROUND ROD.

ANCHOR PLATE DETAIL



30' TAPERED SMOOTH FIBERGLASS
SHAKESPEAR
OR
WHATLEY



JUNCTION BOX

SOURCE BOX

DRAWING DATE FEBRUARY 2017

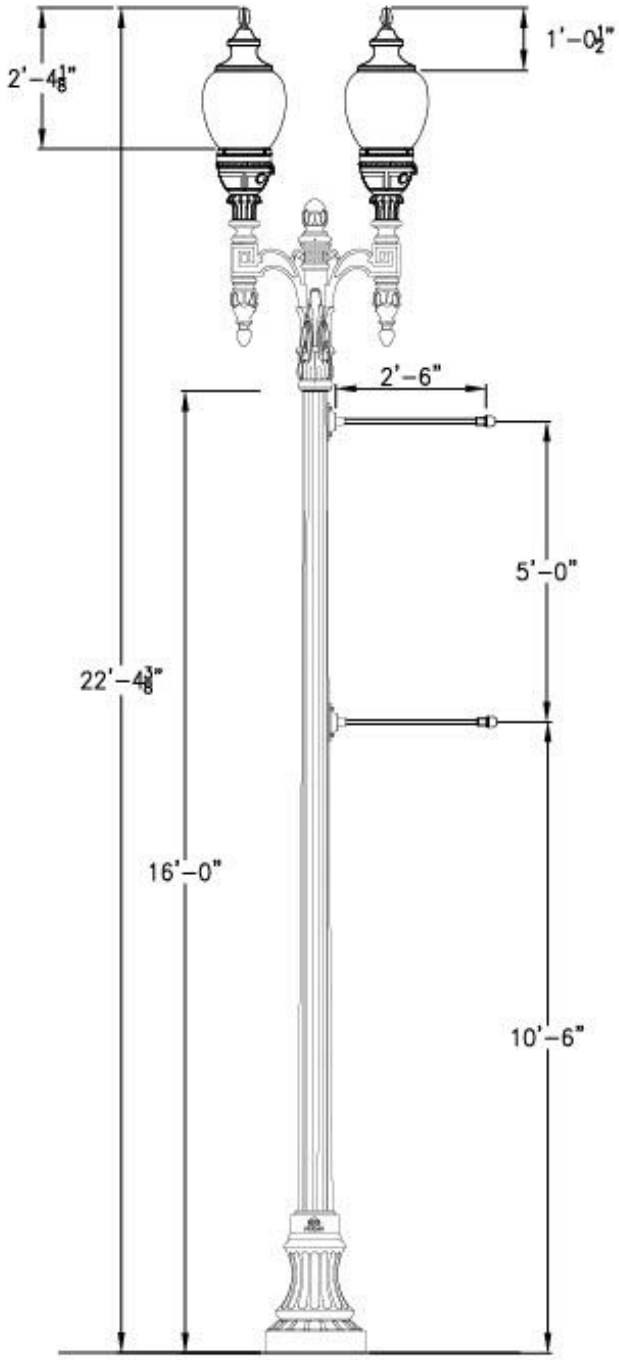
City of West Jordan, Utah

WEST JORDAN UTAH

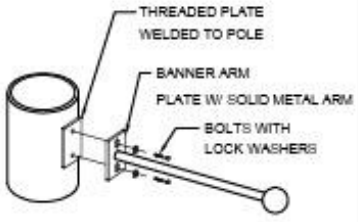
COLLECTOR AND ARTERIAL STREET LIGHT

STANDARD DRAWING

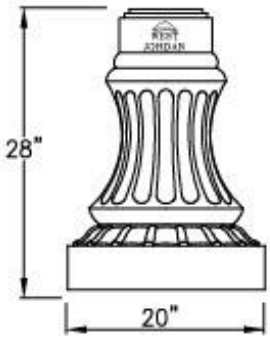
RD-215



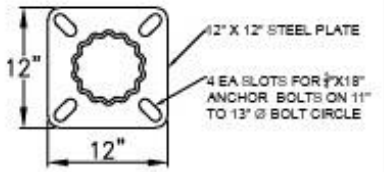
BANNER MOUNTING DETAIL



DECORATIVE SHROUD DETAIL



POLE ANCHOR PLATE DETAIL



WEST JORDAN
UTAH

8000 South Redwood Road
West Jordan, Utah 84088

JOB NAME: West Jordan City Redwood Road Twin Acorn Assembly			
SCALE: *NTS*	DATE: *06/01/23*	DRAWN BY: *TM*	DRAWING NUMBER: *WJ-SL-1MOD*
WEST JORDAN CITY APPROVAL:			

NOTES: COLLECTOR STREETLIGHT

POLE TYPE: A 30-FOOT, BLACK FIBERGLASS SMOOTH FINISH ANCHOR BASE POLE WITH A TENON ADAPTOR TOP IS STANDARD.

POLE INSTALLATION: ALL POLES SHALL BE LOCATED AS SPECIFIED ON THE PLANS. THE POWER COMPANY SHALL APPROVE THE FINAL LOCATION OF ALL POLES LOCATED NEAR A COLLECTOR STREET OR NEAR OVERHEAD LINES. ALL ANCHOR BASES SHALL BE INSTALLED AS SHOWN ON DRAWING RD-235.

JUNCTION BOX INSTALLATION: USE SMALL PLASTIC, FOR NO OR LOW TRAFFIC AREAS CARSON 1419-12-4B-GRN-STREETLIGHTING OR EQUIVALENT. USE POLYMER CONCRETE AND FIBERGLASS WITH POLYMER CONCRETE COVER OR CONCRETE BOX WITH STEEL COVER IN HIGH TRAFFIC AREAS. BOX SHOULD BE PLACED A GRADE LEVEL WITHIN 5 FEET OF UP&L SOURCE BOX AND AT ADDITIONAL POINTS WHEN CONDUIT RUNS ARE MORE THAN 350 FEET. PREPARE THE EXCAVATION APPROXIMATELY 6 INCHES DEEPER THAN THE DEPTH OF THE BOX. THEN ADD 6 TO 8 INCHES OF GRAVEL OR CRUSHED ROCK FOR DRAINAGE. FILL AND COMPACT SOIL TO GRADE LEVEL WITH COVER ON BOX. INSTALL INLINE FUSE HOLDER WITH WATERPROOF BOOTS, HOMAC, SLK-M OR EQUIVALENT WITH A 10 A BLF, OR EQUIVALENT FUSE INSIDE JUNCTION BOX INSTALL ALL SPLICED CONNECTION WITH A GELCAP SL.

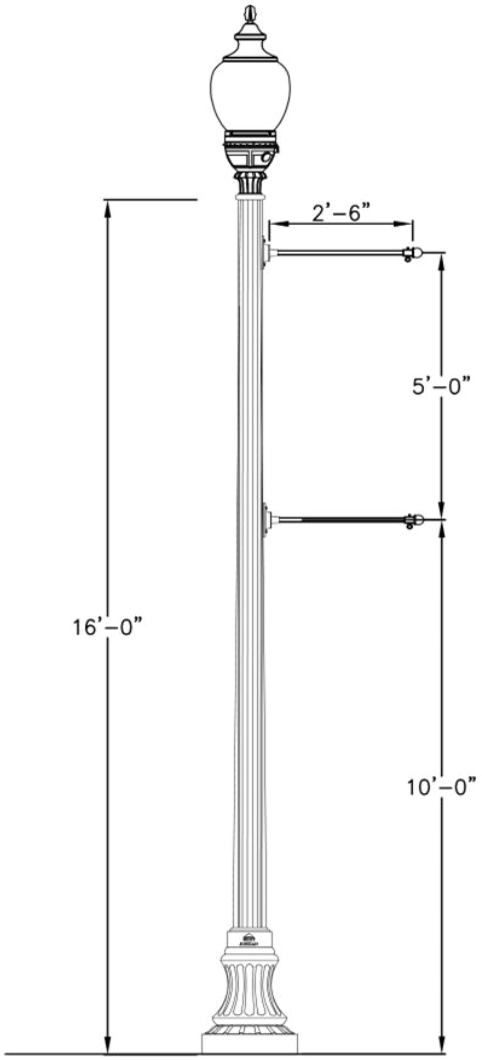
CONDUCTORS: THE CONTRACTOR SHALL INSTALL THREE DIRECT BURIAL COPPER STRANDED WIRES #6 OR #8 AWG WIRE TO EACH STREETLIGHT FROM THE NEAREST UP&L SOURCE (1 BLACK 2 WHITE 3 GREEN). USE LOAD CALCULATIONS TO DETERMINE SIZE. THESE CONDUCTORS SHALL BE PLACED IN A MINIMUM OF 1 ¼ PVC ELECTRICAL CONDUIT BETWEEN JUNCTION BOX AND ANCHOR BASE. RUN CONDUIT IN STRAIGHT LINES, IN THE PUBLIC UTILITY EASEMENTS WITH A MINIMUM OF 24 INCHES OF BURIAL. CONDUIT MUST SWEEP INTO JUNCTION BOX AND ANCHOR BASE. DO NOT INSTALL SPLICES IN CONDUCTOR INSIDE CONDUIT. A PIGTAIL OR EXTRA LENGTH OF WIRE SHALL BE LEFT AT THE SOURCE FOR THE POWER COMPANY TO MAKE THE FINAL CONNECTION.

LUMINARIES: A RX180T2A3NA5RNSN LUMINARY IS STANDARD FOR ALL NEW CONSTRUCTION. A 80 LED FIXTURE SHALL BE USED ON ARTERIAL COLLECTORS, AND MAJOR COLLECTOR STREETS. ALL LUMINARIES SHALL BE OPERATED BY MEANS OF A TWIST LOCK PHOTOCELL.

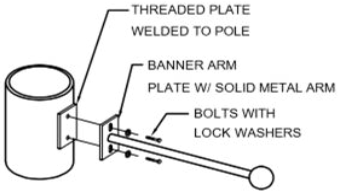
LUMINARY INSTALLATION: ALL LUMINARIES, LAMPS AND PHOTOCELLS SHALL BE SECURELY MOUNTED AND PROPERLY INSTALLED AS SUGGESTED BY THE MANUFACTURER.

TESTING: THE CONTRACTOR SHALL BE RESPONSIBLE TO TEST EACH STREETLIGHT ONCE INSTALLED. ANY NECESSARY REPAIRS TO THE SYSTEM SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR THROUGH FINAL INSPECTION BY THE CITY AND ACCEPTANCE OF THE PROJECT.

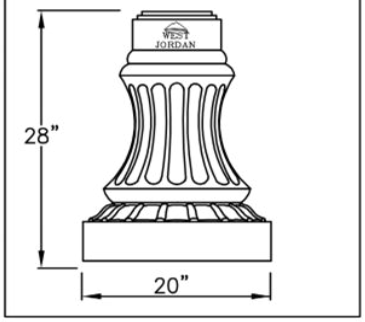
FINAL ACCEPTANCE: THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL BLUE STAKING, MAINTENANCE, REPAIR OF UNDERGROUND LINES, POLES, DECORATIVE SHROUDS OR LUMINARIES TO THE LIGHTING SYSTEM UNTIL FINAL ACCEPTANCE BY THE CITY. A FINAL INSPECTION SHALL BE PREFORMED WHEN THE DEVELOPER REACHES TOTAL PROJECT COMPLETION
AND BEFORE 100% BOND RELEASE.



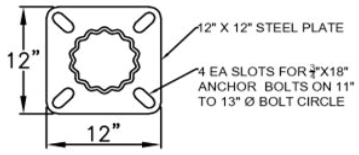
BANNER MOUNTING DETAIL



DECORATIVE SHROUD DETAIL



POLE ANCHOR PLATE DETAIL



WEST JORDAN
UTAH

8000 South Redwood Road
West Jordan, Utah, 84088

JOB NAME: West Jordan City Commercial Single Acorn Assembly			
SCALE: NTS	DATE: 06/01/23	DRAWN BY: TM	DRAWING NUMBER: WJ-SL-2MOD
WEST JORDAN CITY APPROVAL:			

Ordinance No. 26-32 Amd Streetlight Standards

Final Audit Report 2026-06-29

Created:	2026-06-25
By:	Cindy Quick (Cindy.quick@westjordan.utah.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAADKZm2ooSKITDGn7fd49PUe67FoMeKCE4

"Ordinance No. 26-32 Amd Streetlight Standards" History

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Signer bob.bedore@westjordan.utah.gov entered name at signing as Bob Bedore
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Agreement completed.

2026-06-29 - 6:15:29 PM GMT

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