LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS – INJECTION MOLDED OPTICS WITH TYPE I, II, III, IV, OR V DISTRIBUTIONS. BUG UPLIGHT RATING OF UO, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 70 CRI UON, AND MINIMUM EFFICACY OF 110 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE. MEETS ELEVATED 10KV/10KA REQUIREMENTS PER IEEE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – ARM-MOUNTED ON POLE.

7. OPTIONS – MOUNTING ARM LENGTH, LIGHT DISTRIBUTION, HOUSE-SIDE SHIELD, PHOTOCELL, INTEGRATED MOTION SENSOR, AND ANSI 7-PIN RECEPTACLE.
NOTE: This sketch is a non-proprietary graphic representation of a luminaire that may meet the specification requirements. It is not intended to indicate a certain manufacturer or preference.

LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS - INJECTION MOLDED OPTICS WITH TYPE I, II, III, IV, OR V DISTRIBUTIONS. BUG UPLIGHT RATING OF UO, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE - SOLID STATE LEDs, 3000K CCT UON, MINIMUM 70 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE. MEETS ELEVATED 10KV/10KA REQUIREMENTS PER IEEE.

5. CERTIFICATION - UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING - ARM-MOUNTED ON POLE.

7. OPTIONS - MOUNTING ARM LENGTH, LIGHT DISTRIBUTION, HOUSE-SIDE SHIELD, PHOTOCELL, INTEGRAL MOTION SENSOR, AND ANSI 7-PIN RECEPTACLE.
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS – INJECTION MOLDED OPTICS WITH TYPE I, II, III, IV, OR V DISTRIBUTIONS. BUG UPLIGHT RATING OF U0, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATELEDS, 3000K CTC UON, MINIMUM 70 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL OR AS INDICATED IN LUMINAIRE SCHEDULE. MEETS ELEVATED 10KV/10KA REQUIREMENTS PER IEEE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – ARM-MOUNTED ON POLE.

7. OPTIONS – MOUNTING ARM LENGTH, LIGHT DISTRIBUTION, HOUSE-SIDE SHIELD, PHOTOCELL, INTEGRAL MOTION SENSOR, AND ANSI 7-PIN RECEPTACLE.
LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS – BUG UPLIGHT RATING OF UO.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 20 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – ALUMINUM BASE PLATE FOR MOUNTING ON GROUND SOCKET, CONCRETE ANCHOR, OR MOUNTING PLATE.

7. OPTIONS – EMERGENCY BATTERY BACK-UP, SHAPE, FINISH, HEIGHT, AND LIGHT DISTRIBUTION.
NOTE:  THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS – INJECTION MOLDED OPTICS WITH TYPE I, II, III, IV, OR V DISTRIBUTIONS. BUG UPLIGHT RATING OF U0, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 70 CRI UON, AND MINIMUM EFFICACY OF 100 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH THERMAL MANAGEMENT. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE. MEETS ELEVATED 10KV/10KA REQUIREMENTS PER IEEE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – ARM-MOUNTED ON POLE.

7. OPTIONS – MOUNTING ARM LENGTH, LIGHT DISTRIBUTION, HOUSE-SIDE SHIELD, PHOTOCELL, INTEGRAL MOTION SENSOR, AND ANSI 7-PIN RECEPTACLE.
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS - INJECTION MOLDED ACRYLIC EDGE-LIT LENS.

3. LIGHT SOURCE - SOLID STATE LEDS, 3000K CCT UON MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 110 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON/OFF CONTROL AND DIMMABLE AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION - UL LISTED FOR DAMP LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING - SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.

7. OPTIONS - INTEGRAL MOTION SENSOR, PHOTOCELL, EMERGENCY BATTERY BACK-UP.

LED PARKING GARAGE LUMINAIRE

[REVISED: NOVEMBER 2020] [LIGHTING PLATE: XL-6]
NOTE: THIS SKETCH IS A NON–PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE–CAST ALUMINUM HOUSING.

2. OPTICS – ALUMINUM REFLECTOR. BUG RATING AS INDICATED IN LUMINAIRE SCHEDULE.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 5 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH–EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON–OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – CAVITY WALL CONSTRUCTION OR CONCRETE POUR CONSTRUCTION.

7. OPTIONS – LENSES, BODY SHAPE AND STYLE, AND LIGHT DISTRIBUTION.
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – ALUMINUM HOUSING OR STAINLESS STEEL HOUSING.

2. OPTICS – DIFFUSE VANDAL-RESISTANT ACRYLIC LENS. BUG UPLIGHT RATING OF U0, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 50 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120 OR 277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.

7. OPTIONS – VARIOUS PROFILES AND SHAPES. OPTIONAL UPLIGHT COMPONENT IF MOUNTED UNDER CANOPY.
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS – DIFFUSE VANDAL-RESISTANT ACRYLIC LENS. BUG UPLIGHT RATING OF UO, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 50 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120 OR 277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.

7. OPTIONS – VARIOUS LENSES, BODY SHAPES, AND STYLES.

LED EXTERIOR DECORATIVE WALL SCONCE
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE
SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST OR EXTRUDED ALUMINUM WITH INTEGRAL PASSIVE COOLING
   MECHANISM. HEAT SINK INCORPORATED DIRECTLY INTO HOUSING OR DRIVER
   COMPARTMENT.

2. OPTICS – PRECISION MOLDED ACRYLIC LENS WITH TYPE II, III, OR IV DISTRIBUTIONS. BUG
   UPLIGHT RATING OF UO, WITH GLARE RATING AS DETERMINED BY LIGHTING ZONE
   INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 70 CRI UON, AND
   MINIMUM EFFICACY OF 80 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN
   LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM
   0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD.
   ON–OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN
   LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES
   LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – SURFACE MOUNTED WITH STAINLESS STEEL MOUNTING HARDWARE.

7. OPTIONS – VARIOUS LIGHT DISTRIBUTIONS. INTEGRAL MOTION SENSOR, PHOTOCELL,
   BATTERY BACK-UP.

LED WALL PACK

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL–10
LUMINAIRE REQUIREMENTS:

1. HOUSING – HEAVY GAUGE COLD ROLLED STEEL AND DIE CAST ALUMINUM WITH POWDER COATING FINISH.

2. OPTICS – ACRYLIC LENS.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120 OR 277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR DAMP OR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – RECESSED IN HARD CEILINGS.

7. OPTIONS – EMERGENCY BATTERY BACK-UP, VARIOUS ACRYLIC OR POLYCARBONATE LENSES, REFLECTORS, LOUVERS AND TRIMS. VARIOUS BEAM ANGLES.
NOTE: THIS SKETCH IS A NON-PROPRIETARY GRAPHIC REPRESENTATION OF A LUMINAIRE THAT MAY MEET THE SPECIFICATION REQUIREMENTS. IT IS NOT INTENDED TO INDICATE A CERTAIN MANUFACTURER OR PREFERENCE.

LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM WITH DIE-CAST END CAPS AND INTEGRAL PASSIVE COOLING MECHANISM. FIELD ADJUSTABLE AIMING.

2. OPTICS – PRECISION MOLDED ACRYLIC LIGHT BAR INCORPORATES MULTIPLE HIGH-POWERED LEDS. BUG RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE – SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – SUITABLE FOR PROJECT SPECIFICATIONS.

7. OPTIONS – RGBW COLOR CHANGING, VARIOUS BEAM ANGLES.
LUMINAIRE REQUIREMENTS:

1. HOUSING – DIE-CAST ALUMINUM WITH POLYESTER POWDER COAT FINISH AND STAINLESS STEEL HARDWARE.

2. OPTICS – GLOBE IS TEMPERED RED OR CLEAR FRESNEL GLASS WITH STAINLESS STEEL LATCHING SYSTEM TO HOLD GLOBE FIRMLY ONTO BASE. PROVIDE CABLE TETHER WIRE.

3. LIGHT SOURCE – SOLID STATE LEDS, RED AND MINIMUM EFFICACY OF 90 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER – REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120–240V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION – FAA L810 PER FAA ADVISORY CIRCULAR 150/5345–43G. UL LISTED FOR WET LOCATION, ROHS COMPLIANT, DLC QUALIFIED. COMPLIES WITH LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING – MOUNTING – GROUND MOUNTED WITH 3/4 IN OR 1 IN BOTTOM CONDUIT ENTRY.

7. OPTIONS – SINGLE OR TWIN GLOBE.
LUMINAIRE REQUIREMENTS:

1. HOUSING - DIE-CAST ALUMINUM HOUSING WITH POWDER COAT FINISH.

2. OPTICS - TEMPERED GLASS LENS. BUG RATING AS DETERMINED BY LIGHTING ZONE INSTALLED.

3. LIGHT SOURCE - SOLID STATE LEDS, 3000K CCT UON, MINIMUM 80 CRI UON, AND MINIMUM EFFICACY OF 70 LUMENS/WATT UON. INITIAL LUMEN OUTPUT AS INDICATED IN LUMINAIRE SCHEDULE.

4. DRIVER - REPLACEABLE, INTEGRAL, HIGH-EFFICIENCY DIMMABLE DRIVER WITH MINIMUM 0.9 PF, OPERATING VOLTAGE OF 120-277V, THERMAL MANAGEMENT, AND < 20% THD. ON-OFF CONTROL AND FULLY DIMMABLE DOWN TO 10% MINIMUM OR AS INDICATED IN LUMINAIRE SCHEDULE.

5. CERTIFICATION - UL LISTED FOR WET LOCATION, ROHS COMPLIANT. COMPLIES WITH IES LM79, LM80 AND TM21 TESTING STANDARDS.

6. MOUNTING - SUITABLE FOR PROJECT SPECIFICATIONS.

7. OPTIONS - RGBW COLOR CHANGING, VARIOUS SHAPES AND SIZES, VARIOUS BEAM ANGLES.
TENON OPTION – 2–3/8" TENON WITH PROVISION FOR WIRING. COORDINATE WITH LUMINAIRE.

MAST ARM OPTION – COORDINATE WIRING AND BOLT HOLES WITH MAST ARM PROVIDED.

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Provide inhibitor and a urethane smooth finish. Cross sectional shape and color as indicated.

Wiring handhole minimum 2 1/2" x 5" clear opening with cover and stainless steel screws.

Terminate conduits internally, adjacent to handhole.

Compacted clay backfill; slope to surrounding finished grade.

Minimum 3” x 5” conduit or cable entrance – 2 each at 180 degrees.

Backfill fine crushed stone and Portland cement (8–1) dry mix compacted in 6" layers.

Coarse gravel setting bed:

Notes:
1. Provide anti-rotational device on each pole.
2. Coordinate total EPA with pole specifications.
3. Modify dimensional data for pole base to suit local conditions.

Direct-Set Fiberglass Pole

Revised: November 2020
Luminaire Plate: XL-15
TENON OPTION – 2-3/8" TENON WITH PROVISION FOR WIRING. COORDINATE WITH LUMINAIRE.

MAST ARM OPTION – COORDINATE WIRING AND BOLT HOLES WITH MAST ARM PROVIDED.

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TAPERED OR STRAIGHT CONCRETE POLE. CROSS SECTIONAL SHAPE, COLOR AND FINISH (SMOOTH OR AGGREGATE) AS INDICATED.

WIRING HANDHOLE MINIMUM 2 1/2" X 5" CLEAR OPENING WITH COVER AND STAINLESS STEEL SCREWS.

TERMINATE CONDUITS INTERNALLY, ADJACENT TO HANDHOLE.

COMPACTED CLAY BACKFILL; SLOPE TO SURROUNDING FINISHED GRADE.

MINIMUM 3" X 5" CONDUIT OR CABLE ENTRANCE – 2 EACH AT 180 DEGREES.

BACKFILL FINE CRUSHED STONE AND PORTLAND CEMENT (8:1) DRY MIX COMPACTED IN 6" LAYERS.

COARSE GRAVEL SETTING BED:

NOTES:
1. PROVIDE ANTI-ROTATIONAL DEVICE ON EACH POLE.
2. COORDINATE TOTAL EPA WITH POLE SPECIFICATIONS.
3. MODIFY DIMENSIONAL DATA FOR POLE BASE TO SUIT LOCAL CONDITIONS.

DIRECT-SET CONCRETE POLE

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-16
TAPERED OR STRAIGHT STEEL OR ALUMINUM POLE. CROSS SECTIONAL SHAPE AND COLOR AS INDICATED.

WIRING HANDHOLE MINIMUM 2 1/2" X 5" CLEAR OPENING WITH COVER AND STAINLESS STEEL SCREWS.

INTERNAL GROUNDING LUG.

TERMINATE CONDUITS INTERNALLY, ADJACENT TO HANDHOLE.

COMPACTED CLAY BACKFILL; SLOPE TO SURROUNDING FINISHED GRADE.

MINIMUM 3" X 5" CONDUIT OR CABLE ENTRANCE – 2 EACH AT 180 DEGREES.

BACKFILL FINE CRUSHED STONE AND PORTLAND CEMENT (8–1) DRY MIX COMPACTED IN 6" LAYERS.

COARSE GRAVEL SETTING BED:

NOTES:
1. PROVIDE ANTI-ROTATIONAL DEVICE ON EACH POLE.
2. COORDINATE TOTAL EPA WITH POLE SPECIFICATIONS.
3. MODIFY DIMENSIONAL DATA FOR POLE BASE TO SUIT LOCAL CONDITIONS.

DIRECT-SET STEEL/ALUMINUM POLE

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-17
TENON OPTION - 2-3/8" TENON WITH PROVISION FOR WIRING. COORDINATE WITH LUMINAIRE.

MAST ARM OPTION - COORDINATE WIRING AND BOLT HOLES WITH MAST ARM PROVIDED.

<table>
<thead>
<tr>
<th>POLE TYPE</th>
<th>DIM &quot;U&quot;</th>
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<tbody>
<tr>
<td>XL-26 A</td>
<td>12</td>
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<tr>
<td>XL-26 B</td>
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<td>XL-26 C</td>
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<td>XL-26 D</td>
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<td>XL-26 E</td>
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<td>XL-26 F</td>
<td>40</td>
</tr>
<tr>
<td>XL-26 G</td>
<td>45</td>
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</tbody>
</table>

TAPERED OR STRAIGHT FIBERGLASS POLE. CROSS SECTIONAL SHAPE AND COLOR AS INDICATED.

NOTES:

COORDINATE TOTAL EPA WITH SPECIFICATIONS.

WIRING HANDHOLE MINIMUM 2 1/2" X 5" CLEAR OPENING WITH COVER AND STAINLESS STEEL SCREWS.

TERMINATE CONDUITS INTERNALLY, ADJACENT TO HANDHOLE.

FULL BASE COVER - TWO PIECE GALVANIZED STEEL.

CONCRETE FOUNDATION - SEE PLATE XL-21.

ANCHOR BASE FIBERGLASS POLE

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-18
TENON OPTION – 2-3/8" TENON WITH PROVISION FOR WIRING. COORDINATE WITH LUMINAIRE.

MAST ARM OPTION – COORDINATE WIRING AND BOLT HOLES WITH MAST ARM PROVIDED.

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<tr>
<td>XL-26 G</td>
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TAPERED OR STRAIGHT STEEL OR ALUMINUM POLE. CROSS SECTIONAL SHAPE AND COLOR AS INDICATED.

NOTES:

COORDINATE TOTAL EPA WITH SPECIFICATIONS.

WIRING HANDHOLE MINIMUM 2 1/2" X 5" CLEAR OPENING WITH COVER AND STAINLESS STEEL SCREWS.

INTERNAL GROUNDING LUG.

TERMINATE CONDUITS INTERNALLY, ADJACENT TO HANDHOLE.

FULL BASE COVER – TWO PIECE GALVANIZED STEEL.

CONCRETE FOUNDATION – SEE PLATE XL-21.

ANCHOR BASE STEEL/ALUMINUM POLE

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-19
TENON OPTION - 2-3/8" TENON WITH PROVISION FOR WIRING. COORDINATE WITH LUMINAIRE.

MAST ARM OPTION - COORDINATE WIRING AND BOLT HOLES WITH MAST ARM PROVIDED.

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<td>XL-26 G</td>
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</table>

TAPERED OR STRAIGHT CONCRETE POLE. CROSS SECTIONAL SHAPE, COLOR AND FINISH (SMOOTH OR AGGREGATE) AS INDICATED.

NOTES:

COORDINATE TOTAL EPA WITH SPECIFICATIONS.

WIRING HANDHOLE MINIMUM 2 1/2" X 5" CLEAR OPENING WITH COVER AND STAINLESS STEEL SCREWS.

INTERNAL GROUNDING LUG.

TERMINATE CONDUITS INTERNALLY, ADJACENT TO HANDHOLE.

FULL BASE COVER - TWO PIECE GALVANIZED STEEL.

CONCRETE FOUNDATION - SEE PLATE XL-21.

ANCHOR BASE CONCRETE POLE

REVISED: NOVEMBER 2020  LUMINAIRE PLATE: XL-20
CONDUIT STUBBED UP ADJACENT TO HANDHOLE; NUMBER AND SIZE AS REQUIRED

SET TOP OF CONCRETE FOUNDATION 4" ABOVE GRADE

COPPER EQUIPMENT GROUNDING CONDUCTOR - ATTACH TO INTERNAL LUG WELDED TO INTERIOR OF POLE. CONDUCTOR TO BE SAME SIZE AND TYPE AS SUPPLY PHASE CONDUCTOR.

CIRCUIT CONDUCTORS AND CONDUIT TO POWER SOURCE OR NEXT POLE

CONCRETE PER SPECIFICATION

POLE - SEE POLE SKETCH AND SPECIFICATION

HANDHOLE - SEE POLE SKETCH AND SPECIFICATION

CHAMFER ALL EDGES OF CONCRETE BASE 1/2"

FINISHED GRADE

INSULATED COPPER GROUNDING CONDUCTOR ATTACHED TO INTERNAL LUG WELDED TO INTERIOR OF POLE. SIZE PER NFPA 70.

CIRCUIT CONDUCTORS AND CONDUIT TO POWER SOURCE OR NEXT POLE

ANCHOR BOLTS AS RECOMMENDED BY MANUFACTURER OF POLE

#4 BARS VERTICAL AT 6” EACH FACE

#3 BARS AT 12” ON CENTER HORIZONTALLY

3/4" X 10’ GROUND ROD

<table>
<thead>
<tr>
<th>POLE HEIGHT</th>
<th>A</th>
<th>B</th>
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<tbody>
<tr>
<td>8’-12’</td>
<td>36”</td>
<td>12”</td>
</tr>
<tr>
<td>13’-20’</td>
<td>42”</td>
<td>16”</td>
</tr>
<tr>
<td>21’-30’</td>
<td>72”</td>
<td>24”</td>
</tr>
<tr>
<td>31’-40’</td>
<td>78”</td>
<td>30”</td>
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</tbody>
</table>

ANCHOR BASE POLE FOUNDATION

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-21
NOTES: 1. ALL FASTENERS SHALL BE CONCEALED.
2. ALL ARMS ARE AVAILABLE IN TENON OR MAST ARM MOUNTING; SPECIFY TYPE DESIRED.

LUMINAIRE MOUNTING ARM DETAILS

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-23
SINGLE ARM MOUNTING
(TYPES A AND B)

DOUBLE ARM MOUNTING
(TYPES C AND D)

MOUNTING ARM DIMENSIONS

<table>
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<tr>
<th>TYPE</th>
<th>&quot;W&quot;</th>
<th>&quot;X&quot;</th>
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<tbody>
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<td>XL-32, A</td>
<td>48&quot;</td>
<td>15&quot;</td>
</tr>
<tr>
<td>XL-32, B</td>
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NOTE: ALL MOUNTING HARDWARE FOR ARMS SHALL BE HOT-DIP GALVANIZED.
TWIN LUMINAIRE MOUNTING BRACKET – "A"

QUAD LUMINAIRE MOUNTING BRACKET – "B"

TWIN LUMINAIRE PIPE MOUNTING BRACKET – "C"

STEEL ANGLE SINGLE LUMINAIRE MOUNTING BRACKET FOR WALL OR POLE – "D"

NOTES: ALL MATERIAL SHOWN ON THIS SHEET SHALL BE HOT-DIP GALVANIZED.

PROVIDE BOLTS AND OTHER HARDWARE AS REQUIRED.

LUMINAIRE MOUNTING BRACKET DETAILS

REVISED: NOVEMBER 2020 LUMINAIRE PLATE: XL-25