

**PRELIMINARY FOUNDATION AND POLE ASSEMBLY DRAWING**

**TABLE 1: POLE ASSEMBLY**

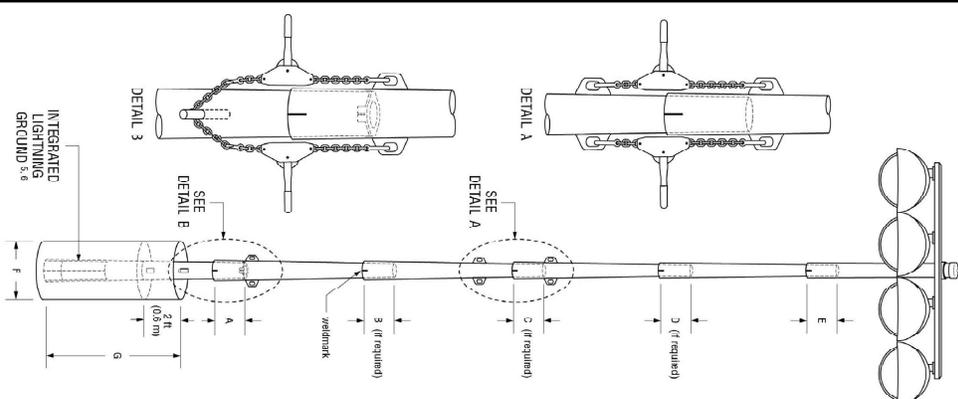
POLE HEIGHT (ft)	POLE WEIGHT (lb)	ASSEMBLED POLE WEIGHT (lb)
B1 50'(15.2)	5	1232 (559)
B2 50'(15.2)	7	1412 (646)
B3 50'(15.2)	3	896 (407)
P1 60'(18.3)	6	1487 (729)
P2 50'(15.2)	2	633 (287)

- Pole Assembly Notes**
- Steel pole must extend concrete base and be set straight with 1/2" for come-alongs (contractor provided).
  - Large welds on site between above assembly and concrete base.
  - See detail A for details on pole connections, luminaires, and electrical components and wiring.
  - This document is not intended for use as an assembly instruction. See *Installation Instructions: Light Structures System Lighting Systems*™ for complete assembly procedure.

**TABLE 2: FOUNDATION DETAILS**

POLE ID	CONCRETE BASE WEIGHT (KxG)	F (ft)	G (ft)	CONCRETE FACILITY WEIGHT (KxG)	CUT BASE	LIGHTING GROUND TYPE	SUPPLEMENTAL INSTRUCTION
B1	1850 (839)	30 (732)	16 (4.9)	12 (0.9)	NO	INTEGRATED	
B2	1850 (839)	30 (732)	16 (4.9)	12 (0.9)	NO	INTEGRATED	
B3	1850 (844)	30 (732)	16 (4.9)	12 (0.9)	NO	INTEGRATED	
P1	2210 (1229)	30 (732)	12 (3.7)	15 (1.1)	NO	INTEGRATED	
P2	1110 (509)	30 (732)	8 (2.4)	10 (0.7)	NO	INTEGRATED	

- Foundation Notes:**
- Concrete detail is calculated to 2ft (0.6m) below grade, (no coverage indicated). Top 2 ft (0.6m) to be class 5 seal.
  - Concrete to be class 5 seal concrete and unless otherwise specified in stamped material design.
  - Concrete to be class 5 seal concrete and unless otherwise specified in stamped material design.
  - Foundation design per 2015 IRC, 540 mph seismic category C, variation STD (See Chapter 1).
  - Assume IRC class 5 seal.
  - Sanitary classes include integrated lightning protection. If bases are not supplemental lightning protection is required.
  - Contact manufacturer for material and installation.
  - Lighting protection is manufacturer installed concrete encased electrode and conductor. Ground connection is made when concrete base is installed and footing is poured. No additional steps required.



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Central Ave Playground Ballfield - East Providence, RI, USA  
 Date: 12/23/2015  
 Rep: Mike Johnson  
 Project: 10722  
 Scale: N/A  
 Page: 1 of 1  
 Status: Preliminary

- GENERAL NOTES:**
- SEE SHEET 1 OF THIS SET FOR ALL SIGNIFICANT LIGHT POLE LOCATIONS AND DIMENSIONS. FINAL DIMENSIONS AND PLACEMENT OF LIGHTS TO BE FIELD MEASURED AND VERIFIED BY CONTRACTOR AND SUPPLIER MANUFACTURER TO ENSURE ADEQUATE ILLUMINATION AND VISIBILITY FOR ALL USERS.
  - PROCESSED ENGINEERED CONSTRUCTION SETS TO BE SUBMITTED TO OWNERS REPRESENTATIVE PRIOR TO ORDERING.

**REVISIONS**

NO.	DESCRIPTION	DATE

- REFERENCES:**
- Kevin M. Alverson, L.A. (2015). *Lighting Design Handbook*. East Providence, RI: Kevin M. Alverson, L.A.
  - Kevin M. Alverson, L.A. (2015). *Lighting Design Handbook*. East Providence, RI: Kevin M. Alverson, L.A.
  - Kevin M. Alverson, L.A. (2015). *Lighting Design Handbook*. East Providence, RI: Kevin M. Alverson, L.A.

Onna Moniz-John Park/  
 Central Ave. Playground  
 Lighting  
 Improvements Project

Map 205, Block 18, Parcel 29  
 Central Avenue,  
 East Providence, RI

Prepared For:  
 The City of East Providence, RI

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Lighting Details  
 Project #: 2134,101  
 Sheet 2 of 2  
 Scale: As Shown  
 Drawn By: KMA  
 Checked By: KMA  
 Date: September 2015