PRELIMINARY FOUNDATION AND POLE ASSEMBLY DRAWING

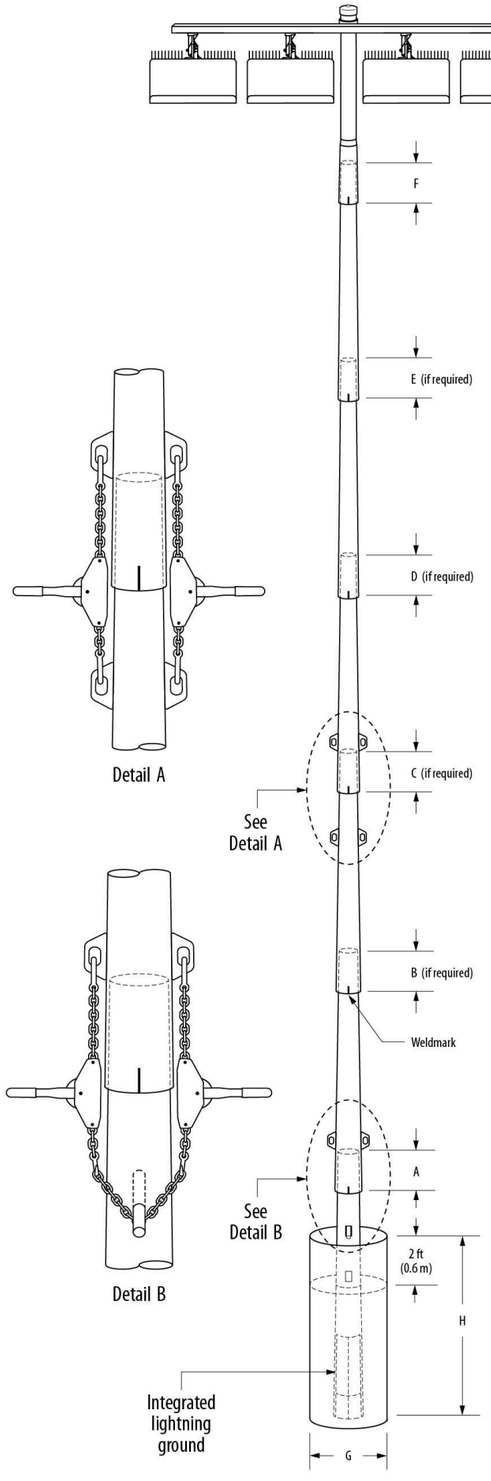

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TABLE 1: POLE ASSEMBLY			
POLE ID	POLE HEIGHT ft (m)	# OF LUMINAIRES	ASSEMBLED POLE WEIGHT [3] lb (kg)
A1	70 (21.3)	3	2603 (1181)
A2	70 (21.3)	3	2603 (1181)
B1	70 (21.3)	5	2837 (1287)
B2	70 (21.3)	5	2837 (1287)
C1	70 (21.3)	6	2932 (1330)
P1	40 (12.2)	3	590 (268)

Pole Assembly Notes:

1. Steel pole should overlap concrete base and be seated tight with 1 1/2 ton come-alongs (contractor provided).
2. Align weldmarks on steel sections before assembling.
3. Assembled pole weight includes steel sections, crossarms, luminaires, and electrical components enclosures. If pole has stamped structural design then use pole weight (listed as vertical force) on stamped structural design document.
4. Section overlap must be pulled together until tight. Overlap measurement should be +/- 6 in (150 mm).
5. This document is not intended for use as an assembly instruction. See *Installation Instructions: Light-Structure System™ Lighting System* for complete assembly procedure.

TABLE 2: FOUNDATION DETAILS							
POLE ID	CONCRETE BASE WEIGHT lb(kg)	BURIAL INFORMATION [3,4] G in (mm)	H ft (m)	CONCRETE BACKFILL [1,2] yd³ (m³)	CUT BASE	LIGHTNING GROUND [5] TYPE	SUPPLEMENTAL INSTRUCTION
A1	5250 (2381)	30 (762)	16 (4.9)	1.6 (1.2)	NO	INTEGRATED [6]	N/A
A2	5250 (2381)	30 (762)	16 (4.9)	1.6 (1.2)	NO	INTEGRATED [6]	N/A
B1	5250 (2381)	30 (762)	16 (4.9)	1.6 (1.2)	NO	INTEGRATED [6]	N/A
B2	5250 (2381)	30 (762)	16 (4.9)	1.6 (1.2)	NO	INTEGRATED [6]	N/A
C1	5250 (2381)	30 (762)	16 (4.9)	1.6 (1.2)	NO	INTEGRATED [6]	N/A
P1	1090 (494)	30 (762)	8 (2.4)	1.0 (0.7)	NO	INTEGRATED [6]	N/A

Foundation Notes:

1. Concrete backfill is calculated to 2 ft (0.6m) below grade (no overage included). Top 2 ft (0.6m) to be class 5 soil compacted to 95% density of surrounding undisturbed soil unless otherwise specified in stamped structural design.
2. Concrete backfill required 3000 lb/in² (20 MPa) minimum.
3. Foundation design per 2021 IBC, 160 mph, exposure category C, variation STD (Risk Category II).
4. Assumes IBC class 5 soils.
5. Standard bases include integrated lightning protection. If bases are cut, supplemental lightning protection is required. Contact Musco for materials and instruction.
6. Lightning protection is a manufacturer installed concrete encased electrode and connector. Ground connection is made when concrete base is installed and footing is poured. No additional steps required.

Beulah Heights Park Softball Basketball - Foley, AL, USA

Date:	10/30/2024	Scale:	Not to Scale
Representative:	Jimmy Jumper	Page:	1 of 1
Project:	233053		PRELIMINARY