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NOTES:

1 POLE IS BREAKAWAY 2.875" (73mm) IN DIAMETER 6063-T52 ALUMINUM WITH WALL THICKNESS .203" (5.16mm) AS PER 12/6/2007 FHWA LETTER.

2 THE PANEL ASSEMBLY MAY NOT EXCEED TWO BATTERY PACKS

3. MAX TOTAL WEIGHT OF ASSEMBLY IS 30.8 LBS (13970.63 GRAMS)

REVISION HISTORY

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL DRAWING	10/26/2020	

BOM						
Item	Part Number	Part Name	QTY.	MASS (LB)	DIMENSIONS LxWxH (IN)	CROSS-SECTIONAL AREA (FT ²)
1	204-00029	14' BLACK 2-PIECE POLE	1	17	2.9 x 2.9 x 168.0	3.0 (2' FOUNDATION)
2	701-00116	Double Panel - Top Mount	1		21.3 x 28.3 x 10.5	2.1
3	701-0059	Flock Safety Camera	1	3.6	3.3 x 4.3 x 10.5	.3
4	702-0007	RAM Ball Mount & Adapter	1	1.4	N/A	N/A
5	701-00011	Battery Pack	2	4.4	2.8 x 3.9 x 10.8	N/A

SLOPE TOP OF CONCRETE OUTSIDE OF GROUT AREA

COMPETENT NATIVE SUBGRADE

FOUNDATION SPECIFICATIONS

TYPE	V. MAX (MPH)	CAISSON Ø (IN)	CAISSON H (IN)	SOLAR PANEL ELEVATION FROM GRADE (FT MAX)
1*	85	8	24	12
2	110	12	30	12
3	130	12	36	12
4	150	16	48	12

* STANDARD INSTALLATION SPECIFICATIONS

PROPRIETARY AND CONFIDENTIAL

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: $\pm 1/16$
ANGULAR: $X.X \pm 3^\circ$ $X.XX \pm 1^\circ$
DECIMAL:
 $X.X \pm .02$ $X.XX \pm .01$ $X.XXX \pm .005$

MATERIAL

FINISH

NEXT ASSY USED ON

APPLICATION

DO NOT SCALE DRAWING

NAME DATE

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

flock safety

TOP POLE MOUNT -
DOUBLE SOLAR PANEL
WITH 2 EXTERNAL
BATTERIES

SIZE **A** DWG. NO. 905-00005

REV. **A**

SCALE: 1:20

SHEET 1 OF 1

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