

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
- 1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE
 - 1.2. ASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN - TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA: (SEE SECTION 2.6)
- 2.1. DESIGN WIND SPEED (V_W): II
 - 2.2. RISK CATEGORY: C
 - 2.3. EXPOSURE CATEGORY: I
 - 2.4. TOPOGRAPHIC CATEGORY: D (ASSUMED)
 - 2.5. SEISMIC DESIGN CRITERIA:
 - 2.5.1. SOIL SITE CLASS: 1.000g (MAXIMUM)
 - 2.5.2. SPECTRAL RESPONSE, S_s: 0.400g (MAXIMUM)
 - 2.5.3. SPECTRAL RESPONSE, S₁: 0.400g (MAXIMUM)
 - 2.5.4. SEISMIC DESIGN CATEGORY: B
 - 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.285	0.180
125	3.20	0.330	0.180
135 (MAX)	3.70	0.380	0.180

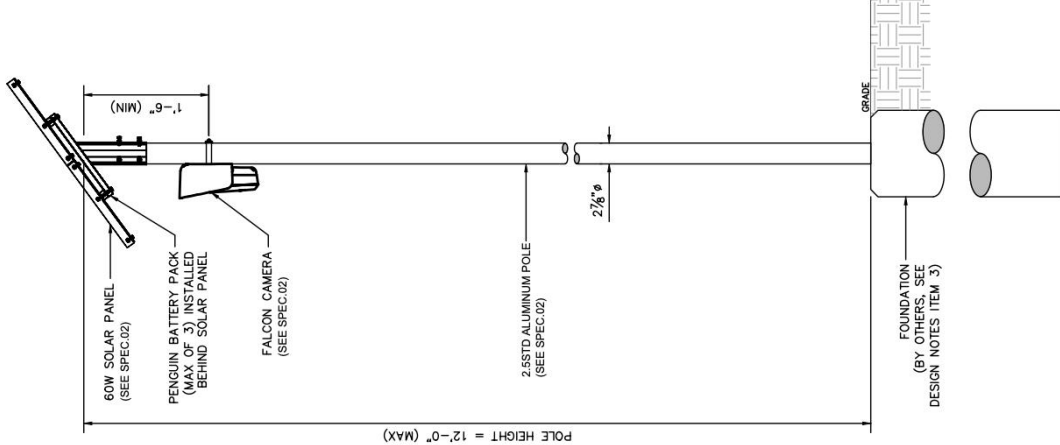
- 2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. FOUNDATIONS ARE DESIGNED BY OTHERS. FLOCK SAFETY SHALL PROVIDE THE CONTRACTOR WITH INSTALLATION SPECIFICATIONS AND GUIDELINES. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.

GENERAL & CONSTRUCTION NOTES

- CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
- CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
- ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
- POLE AND PROPOSED EQUIPMENT SHALL BE CONNECTED TO SOLID BARE BOND GROUND AND GROUNDING ROD IN POLE FOUNDATION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

- ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS.
- STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
- MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
- NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK, UP TO AN ELEVATION OF 7'-0" ABOVE GRADE.



1 POLE ELEVATION DETAIL

SCALE: N/A

(THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP)

MUTTONTOWN POLICE DEPARTMENT
ONE RAZ TUFFURO WAY,
SYOSSET, NY 11791

flock safety
1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

REV	DATE	BY	DESCRIPTION
-	-	-	-
-	-	-	-
-	-	-	-
0	04/21/2023	ACC	PRELIM

I HEREBY CERTIFY THE DOCUMENT HAS BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A DULY REGISTRED ENGINEER UNDER THE LAWS OF THE STATE OF NEW YORK.

(THIS SPACE LEFT INTENTIONALLY BLANK FOR STAMP)

LICENSE PLATE READER CAMERA
INSTALLATION
CASE NUMBER: 332925
PERMITTING JURISDICTION:
NASSAU COUNTY

COVER SHEET & LOCATION MAPS	SHEET:	REV:
	SPEC.01	0