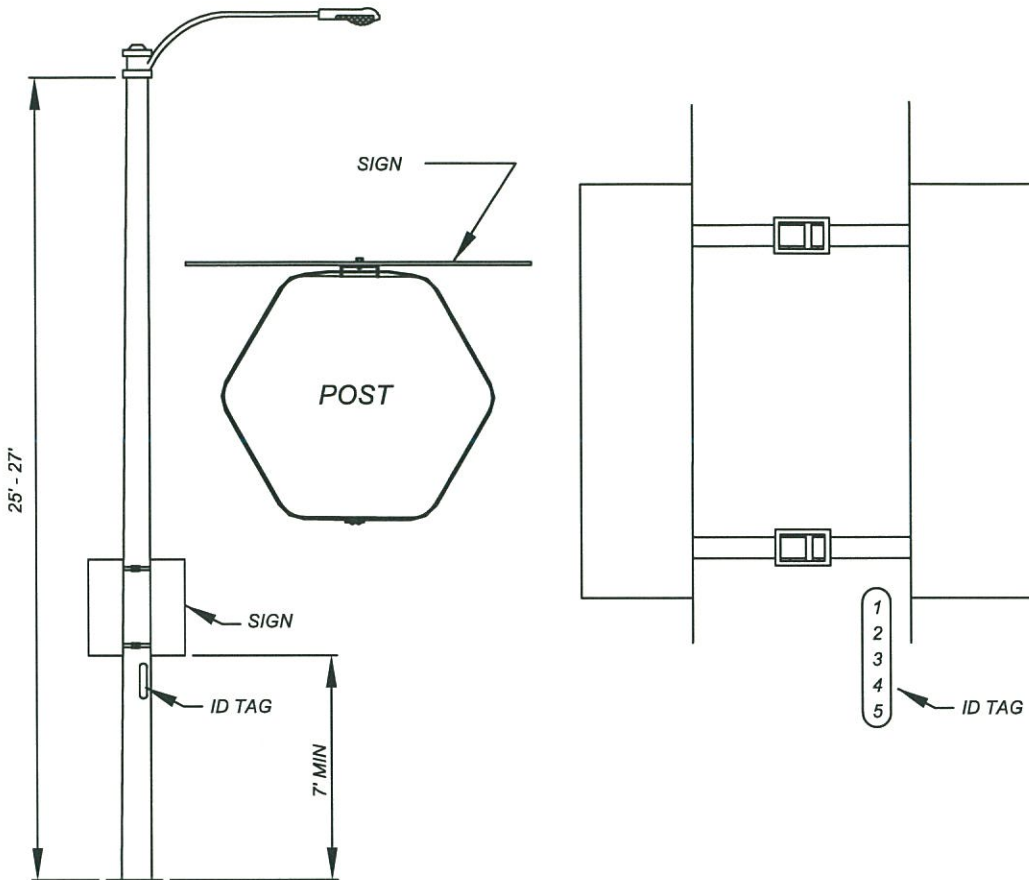


- BAND-IT** - C406 OR EQUAL. 316 STAINLESS STEEL  $\frac{3}{4}$ " WIDTH .030" THICKNESS
- BRACKET** - BAND-IT, DOO1 OR EQUAL. 1 BOLT STRAIGHT LEG STAINLESS STEEL.
- BUCKLES** - BAND-IT C456 OR EQUAL. EAR LOCKED 316 STAINLESS STEEL  $\frac{3}{4}$ ".
- BOLTS** -  $1" \times \frac{5}{16}"$  COARSE THREAD STAINLESS STEEL.
- WASHERS** - ALL SIGNS SHALL BE INSTALLED WITH  $\frac{5}{16}"$  ZINC COATED WASHERS LARGER THAN THE HEAD OF THE BOLT. ANY SIGN 24" OR LARGER SHALL BE INSTALLED WITH WASHERS NO LESS THAN 1" OUTSIDE DIAMETER ANY SIGN 30" OR LARGER SHALL BE INSTALLED WITH WASHERS NO LESS THAN  $1\frac{1}{2}"$  OUTSIDE DIAMETER (FENDER WASHER)



NOT TO SCALE

### NOTES

1. THE MINIMUM VERTICAL CLEARANCE SHALL BE 7' TO THE BOTTOM OF THE LOWEST SIGN ON THE MARBELITE.
2. THE SIGN SHALL BE BANDED TO THE FLAT SURFACE OF THE MARBELITE THAT BEST ACCOMMODATES A 90° ANGLE TO ON COMING TRAFFIC UNLESS OTHERWISE SPECIFIED.
3. THE BAND SHALL BE TIGHTENED TO A POINT AT WHICH IT DOES NOT BREAK, YET PREVENTS MOVEMENT BY HAND OF THE SIGN, BAND, OR BRACKET.
4. ALL SIGNS BEING BANDED TO MARBELITE SHALL HAVE NO LESS THAN 2 BANDS (UPPER AND LOWER). ANY SIGN LARGER THAN 36" SHALL HAVE NO LESS THAN 3 BANDS (UPPER, LOWER, AND MIDDLE).
5. UNDER NO CIRCUMSTANCES SHALL THE BANDS COVER THE IDENTIFICATION TAG ON THE MARBELITE.
6. INSTALLATION OF 2 OR MORE SIGNS ON A SINGLE POST SHALL NOT OVERLAP. SIGNS SHOULD HAVE A 1" GAP BETWEEN EACH SIGN.



DATE REVISED

05-15-2019

## CITY OF MANHATTAN BEACH DEPARTMENT OF PUBLIC WORKS

### MARBELITE SIGN INSTALLATION

APPROVED BY

PREM KUMAR, CITY ENGINEER

DATE

STANDARD PLAN NUMBER

**MBLT-413A-0**

SHEET 1 OF 1