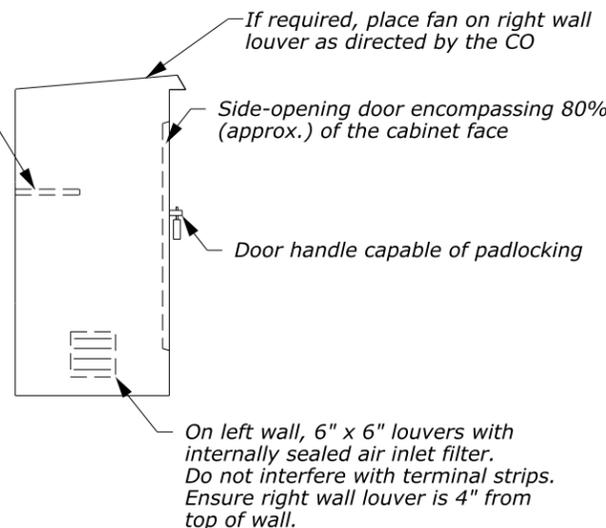


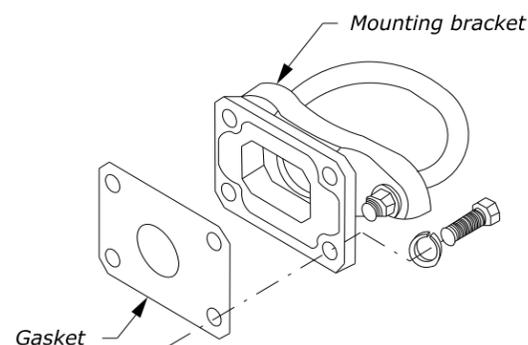
NOTES:

1. On sites with no solar panel, install cabinet pole at a mounting height of 6 feet. Ensure power cables enter cabinet from underground conduit.
2. If cabinet is located more than 30 feet from the edge of travelway, provide a minimum cover of 12 inches. Otherwise, provide a minimum cover of 18 inches.
3. Install copper-clad ground rod or copper plate according to Subsection 636.07.
4. Refer to Subsection 721.01(f) for grounding and bonding equipment material requirements.
5. Refer to Subsection 721.02(a) for pole and cabinet paint requirements.
6. Provide cabinet equipped with a door stop that holds the door open at 90 degrees and 120 degrees.
7. Ensure cabinet is clean, watertight, and tilted to prevent standing water.
8. Place cabinet and pole base door so that they face away from the direction of traffic.
9. Install anchor bolts vertically using templates provided by the manufacturer. Alternatively, use 3/4-inch diameter, 18-inch long elbowed anchor bolts.

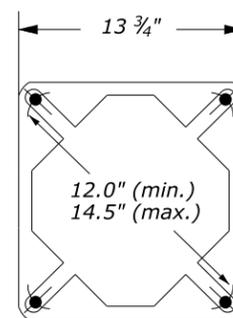
Aluminum shelf, adjustable in 2-inch increments starting 6 inches from cabinet base to 6 inches from cabinet top that does not deform or restrict air flow or block access to other equipment



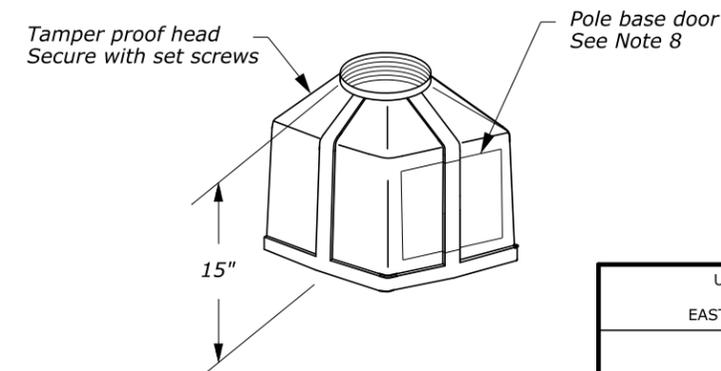
CABINET



POLE CLAMP
(See Note 4)



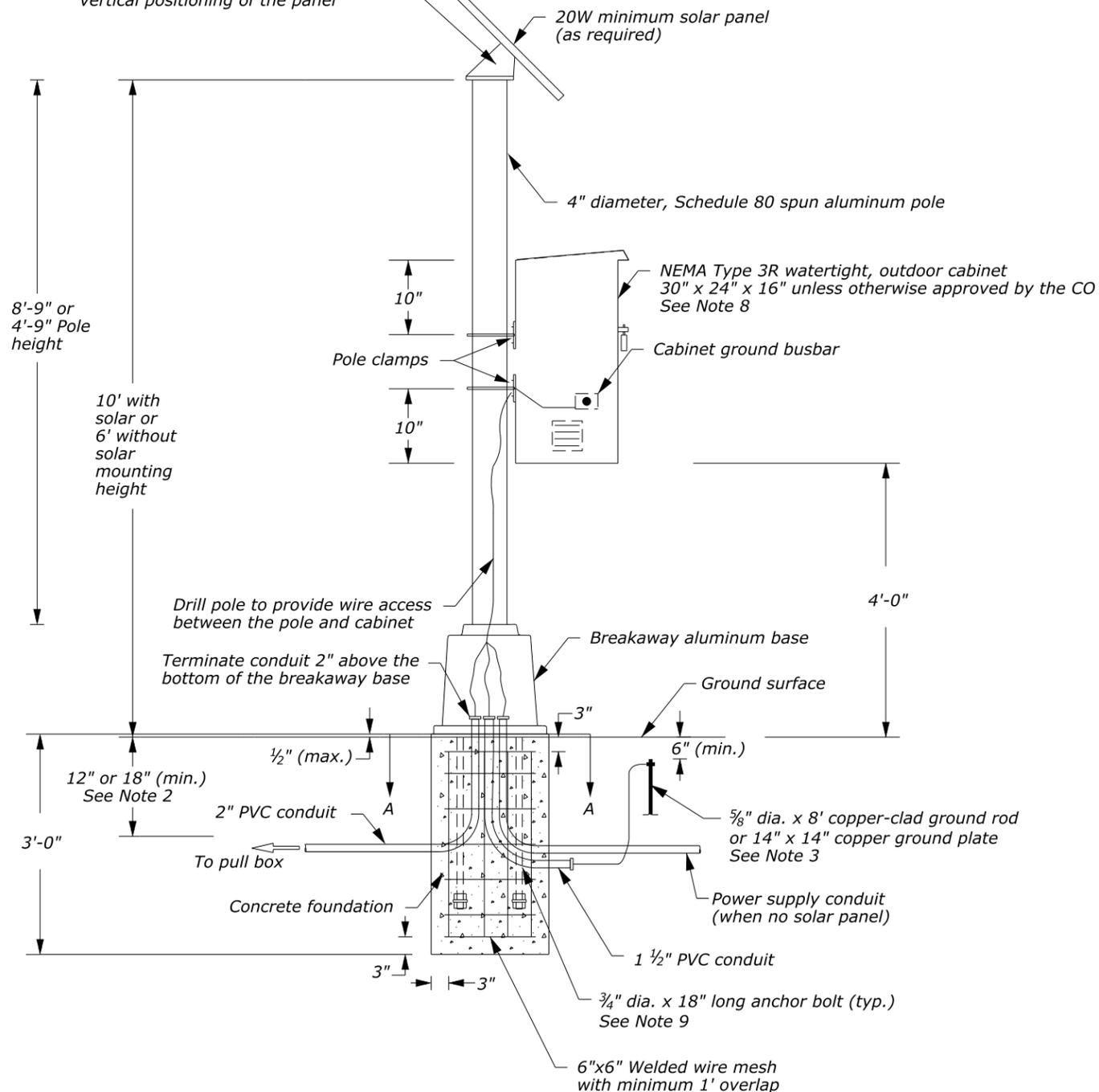
BREAKAWAY ALUMINUM BASE



NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
TRAFFIC COUNTER CABINET WITH 10'-0" OR 6'-0" SOLAR PANEL MOUNTING HEIGHTS	
DETAIL APPROVED FOR USE	DETAIL
APPROVED: MARCH 2015 REVISED: JANUARY 2019	E636-06

Mount solar panel clamp a maximum of 6" below the top of the pole with a bracket that offers horizontal and vertical positioning of the panel



POLE-MOUNTED CABINET