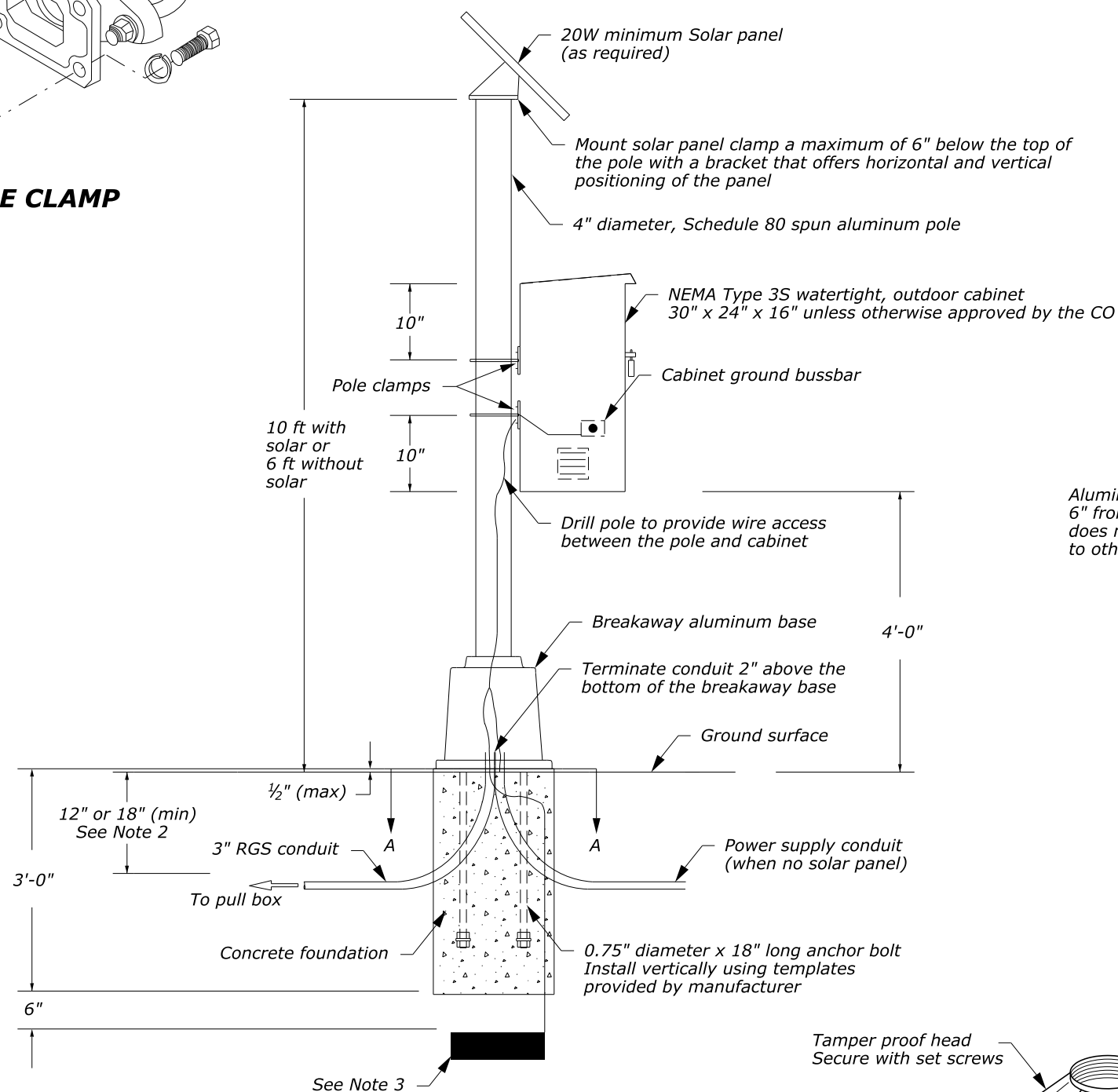


POLE CLAMP

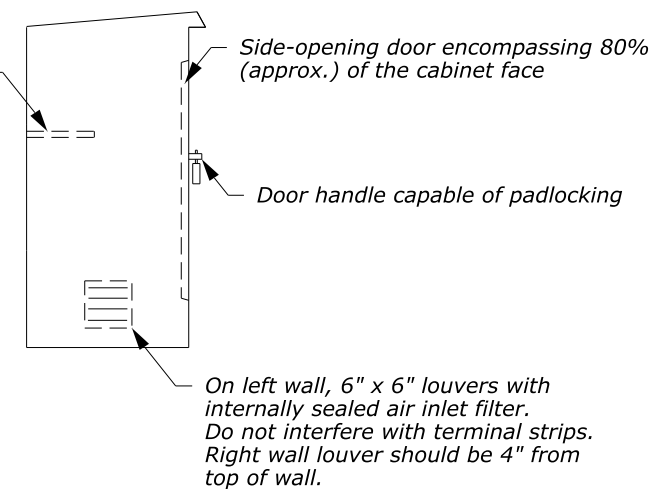


POLE-MOUNTED CABINET

NOTES:

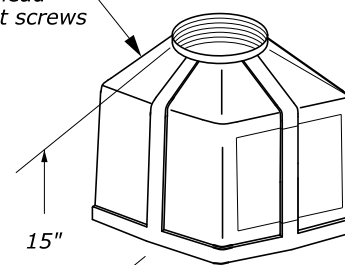
1. On sites with no solar panel, install cabinet pole at a height of 6 feet. Ensure power cables enter cabinet from underground conduit.
2. If cabinet is located more than 30 feet from the travelway edge, provide a minimum cover of 12 inches. Otherwise, provide a minimum cover of 18 inches.
3. Install a 25 feet of coil of #8 AWG bare copper conductor or 14 inches square copper ground plate before pouring the concrete foundation. Connect the coil or ground to the cabinet ground bussbar and cover with 6 inches of approved backfill. Drill hole in pole and back of cabinet to provide wire access. Run ground conductor out of cabinet. Seal holes as approved by the CO.
4. Furnish high strength, corrosion resistant mounting bracket, pole clamps, and related hardware. Furnish galvanized anchor bolts, nuts, lock washers, and flat washers conforming to ASTM A153.
5. Paint pole and inside and outside of cabinet NPS Brown, Federal Standard 595B, Color No. 20059, unless otherwise approved by the CO.
6. Equip cabinet 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.

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

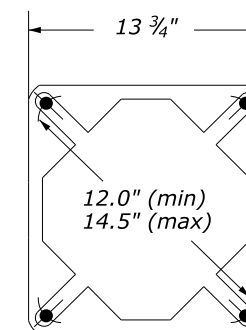


CABINET DETAILS

Tamper proof head
Secure with set screws



BREAKAWAY ALUMINUM BASE



SECTION A-A

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
INDUCTIVE LOOP CABINET AND 10'-0" POLE	
DETAIL APPROVED FOR USE	DETAIL
APPROVED : MARCH 2015	E636-06