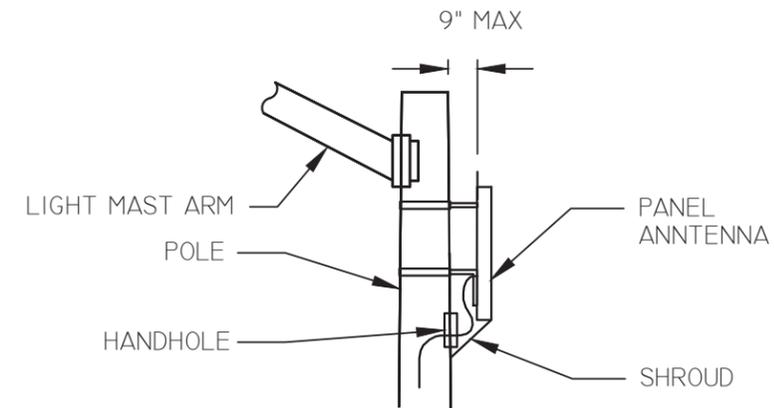


## GENERAL NOTES

1. A SMALL WIRELESS FACILITY (SWF) CONSISTS OF AN ANTENNA OR ANTENNAE THAT ARE NOT MORE THAN SIX CUBIC FEET IN VOLUME AND ALL OTHER WIRELESS EQUIPMENT ASSOCIATED WITH THE FACILITY LESS THAN TWENTY-EIGHT CUBIC FEET IN CUMULATIVE VOLUME PER A.R.S. 9-591.
2. EACH SWF SHALL BE IDENTIFIED BY A PERMANENTLY INSTALLED STAINLESS STEEL TAG, NO LARGER THAN FOUR (4) BY SIX (6) INCHES MOUNTED FIVE (5) FEET ABOVE GRADE, CLEARLY IDENTIFYING THE WIRELESS COMMUNICATIONS SERVICE PROVIDER'S NAME, ADDRESS, EMAIL CONTACT AND EMERGENCY PHONE NUMBER. THE TAG SHALL BE LOCATED SIX (6) INCHES ABOVE THE HANDHOLE.
3. EACH SITE LICENSE LOCATION SHALL RECEIVE A NEW REPLACEMENT POLE PROVIDED BY THE WIRELESS COMMUNICATIONS SERVICE PROVIDER LOCATED NO MORE THAN FIVE (5) FEET FROM EXISTING LOCATION OR AS DIRECTED BY THE CITY OF MESA TRAFFIC ENGINEER.
4. THE REPLACEMENT POLE AND SWF SHALL NOT INCREASE THE DIAMETER OF THE EXISTING POLE BY MORE THAN SIXTY (60) PERCENT.
5. THE SWF OR REPLACEMENT POLE SHALL NOT EXTEND ABOVE THE HEIGHT OF THE EXISTING POLE BY MORE THAN TEN (10) FEET NOT TO EXCEED 50 FEET ABOVE GROUND LEVEL.
6. ANTENNAE SHALL BE LIMITED TO SNUG-MOUNT, CANISTER-MOUNT OR CONCEALED ANTENNA. PANEL ANTENNAE SHALL BE LOCATED NO MORE THAN 9" FROM THE FACE OF THE POLE. ONLY CANISTER-MOUNT OR CONCEALED ANTENNAE SHALL BE ALLOWED IN RESIDENTIAL AREAS. ALL PENETRATIONS SHALL BE SEALED TO PREVENT THE INFILTRATION OF WATER OR PESTS.
7. ANTENNAE SHALL BE MOUNTED WITH NO DOWN TILT.
8. ALL ANTENNAE WITH EXPOSED CABLES SHALL HAVE A SHROUD INSTALLED ON THE ANTENNA OR ANTENNA MOUNTING POSTS TO CONCEAL THE CABLES. SHROUD SHALL BE A FORTY-FIVE (45) DEGREE ANGLE AWAY FROM THE BOTTOM OF THE ANTENNA TOWARD THE POLE.
9. ALL REPLACEMENT POLES AND EQUIPMENT SHALL BE INSTALLED IN A LOCATION THAT DOES NOT IMPAIR OR INTERFERE WITH SIGHT VISIBILITY TRIANGLES (SVT) PER SECTION 211 OF THE CITY OF MESA ENGINEERING & DESIGN STANDARDS.
10. EQUIPMENT OTHER THAN ANTENNA SHALL BE LOW-PROFILE AND PAD-MOUNTED UNLESS OTHERWISE APPROVED BY THE CITY OF MESA.
11. THE POWER FOR THE SWF SHALL BE INDEPENDENT OF THE CITY OF MESA ASSET AND METERED SEPARATELY.
12. ALL WIRING SHALL BE LOCATED INSIDE A CONDUIT, INSIDE THE POLE, AND SEPARATE FROM THE CITY OF MESA CABLING.
13. ALL ELECTRICAL WORK MUST FOLLOW THE MOST CURRENT ADOPTED NATIONAL ELECTRIC CODE.
14. ALL DISTURBED LANDSCAPE AND IRRIGATION SYSTEMS SHALL BE REPLACED OR REPAIRED IN-KIND.
15. EXISTING POLE, MAST ARM AND ALL ASSOCIATED EQUIPMENT TO BE SALVAGED AND RETURNED TO THE CITY OF MESA. THE CONTRACTOR SHALL REMOVE THE FOUNDATION ENTIRELY AND BACKFILL PER MAG STANDARD DETAIL 200-1. THE REMOVAL AND SALVAGE LOCATION SHALL BE COORDINATED WITH THE CITY OF MESA CONSTRUCTION INSPECTOR.
16. PROVIDE ILLUMINATED ENERGY ISOLATING DEVICE (KILL SWITCH) AT EACH SWF THAT IS ACCESSIBLE BY CITY OF MESA PERSONNEL FOR MAINTENANCE AND EMERGENCY PURPOSES.
17. SCREENING MATERIAL SHALL BE MINIMUM  $\frac{1}{8}$ " THICK STEEL PANELS WITH ROUTED PATTERN. PATTERN TO BE AS SHOWN OR APPROVED EQUAL. FINAL PAINT COLOR TO BE SPECIFIED AS PER EACH LOCATION BY THE CITY OF MESA.



EQUIPMENT MOUNTING DETAIL



EQUIPMENT SCREENING DETAIL

NOT TO SCALE

DETAIL NO.

M-112.01.5

SMALL WIRELESS FACILITIES GENERAL NOTES

