

SMALL WIRELESS FACILITY (SWF)
 REPLACEMENT COBRA STREETLIGHT POLE WITH POLE BASE EQUIPMENT CABINET
 (NON-COUNTY STANDARD)

06/26/2020	
REVISION & DATE	



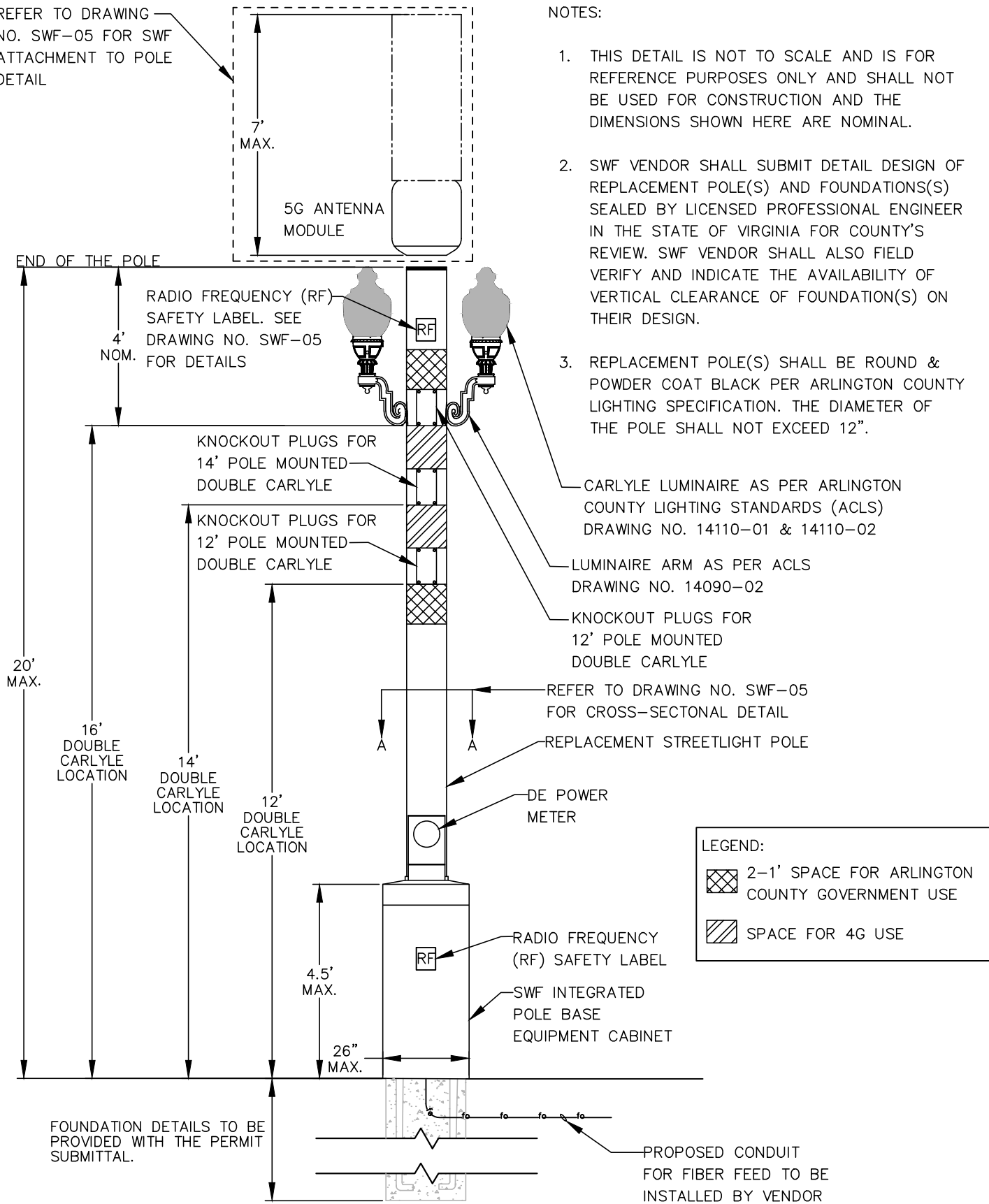
ARLINGTON COUNTY, VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO.
SWF-01

REFER TO DRAWING NO. SWF-05 FOR SWF ATTACHMENT TO POLE DETAIL

NOTES:

1. THIS DETAIL IS NOT TO SCALE AND IS FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION AND THE DIMENSIONS SHOWN HERE ARE NOMINAL.
2. SWF VENDOR SHALL SUBMIT DETAIL DESIGN OF REPLACEMENT POLE(S) AND FOUNDATION(S) SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA FOR COUNTY'S REVIEW. SWF VENDOR SHALL ALSO FIELD VERIFY AND INDICATE THE AVAILABILITY OF VERTICAL CLEARANCE OF FOUNDATION(S) ON THEIR DESIGN.
3. REPLACEMENT POLE(S) SHALL BE ROUND & POWDER COAT BLACK PER ARLINGTON COUNTY LIGHTING SPECIFICATION. THE DIAMETER OF THE POLE SHALL NOT EXCEED 12".



LEGEND:

- 2-1' SPACE FOR ARLINGTON COUNTY GOVERNMENT USE
- SPACE FOR 4G USE

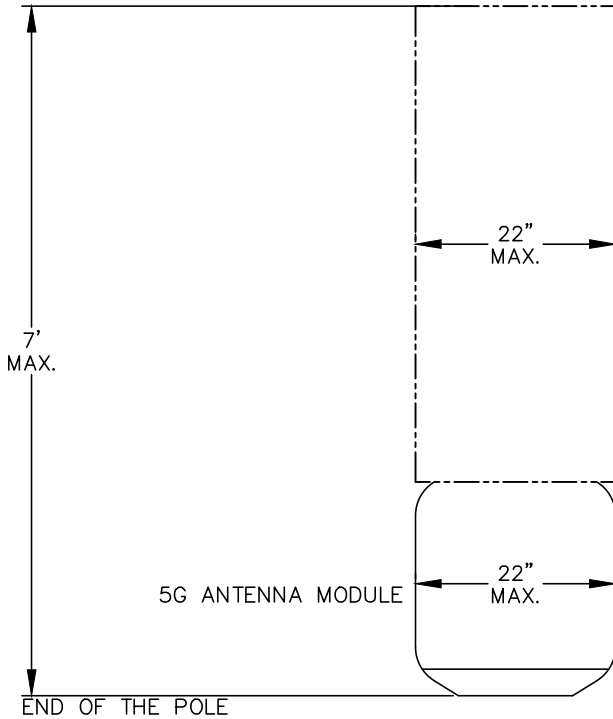
SMALL WIRELESS FACILITY (SWF)
 REPLACEMENT CARLYLE STREETLIGHT POLE WITH POLE BASE EQUIPMENT CABINET
 (NON-COUNTY STANDARD)

06/26/2020	
REVISION & DATE	



ARLINGTON COUNTY, VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL SERVICES

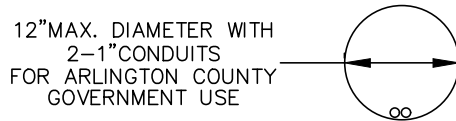
DRAWING NO.
SWF-03



SWF ATTACHMENT TO THE POLE

NOTES:

1. THIS DETAIL IS NOT TO SCALE AND IS FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.
2. SWF VENDOR SHALL SUBMIT DETAIL CONNECTION DESIGN OF SWF ATTACHMENT TO THE POLE SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA FOR COUNTY'S REVIEW. SWF VENDOR SHALL ALSO FIELD VERIFY AND INDICATE THE AVAILABILITY OF VERTICAL CLEARANCE OF SWF ATTACHMENT ON THEIR DESIGN.
3. SWF ATTACHMENT SHALL BE BLACK FINISH WHERE POSSIBLE AND SHALL NOT EXCEED 7' VERTICALLY FROM THE TOP END OF THE POLE.
4. ALL SWF WIRING SHALL BE LOCATED INSIDE A CONDUIT.
5. RF LABELS SHALL BE PLACED ON POLES AS PER DRAWING NO. SWF-01 & SWF-03. SPECIFIC LABELS SHALL BE PLACED IN ACCORDANCE WITH FEDERAL COMMUNICATIONS COMMISSION (FCC) GUIDELINES AND THE INSTITUTE FOR ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) STANDARD C95.2-1999.



SECTION A-A



RADIO FREQUENCY (RF) SAFETY LABELS

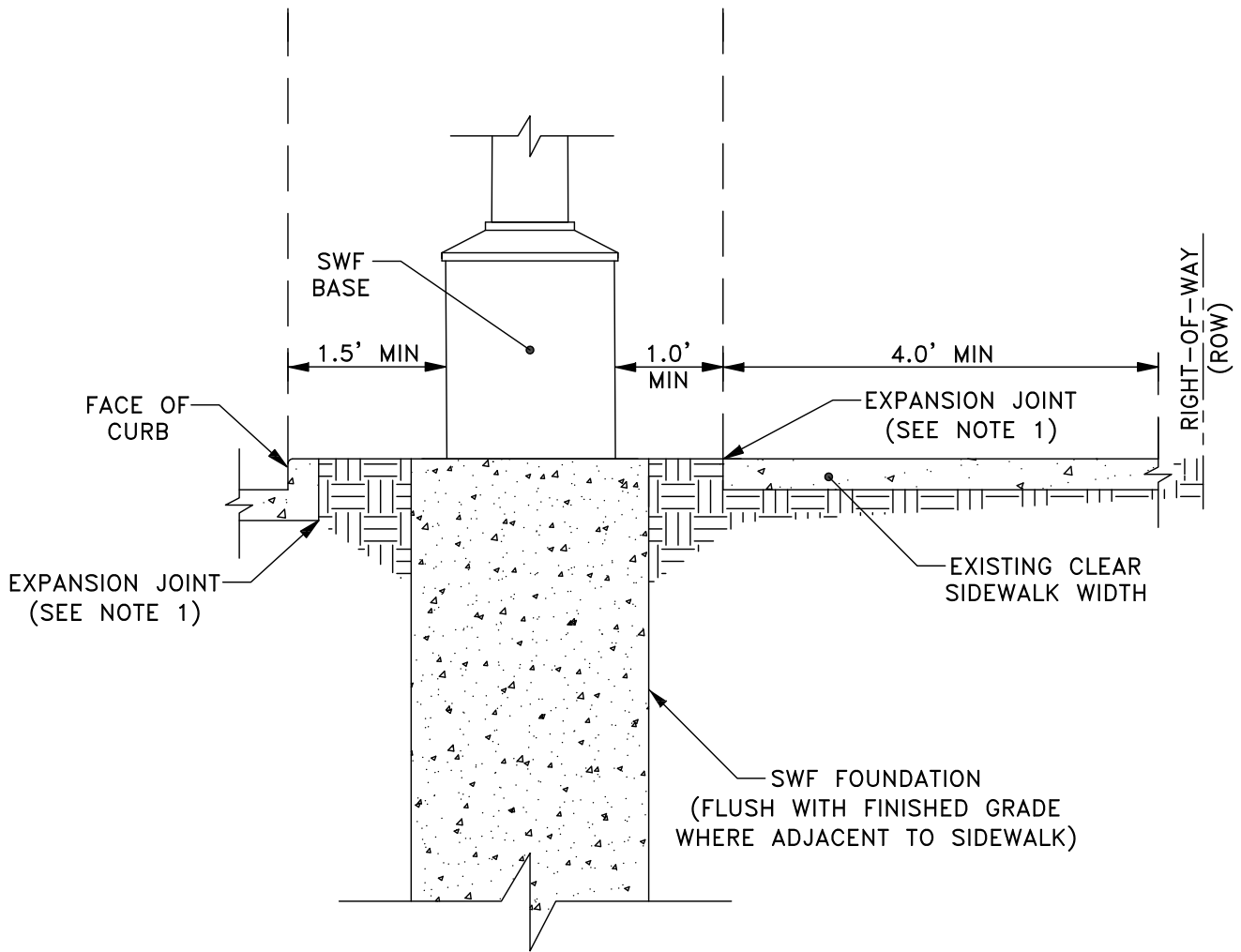
SMALL WIRELESS FACILITY (SWF)
 STREETLIGHT POLE SWF ATTACHMENT, RF SAEFTY LABELS, AND POLE CROSS SECTION A-A
 (NON-COUNTY STANDARD)

06/26/2020	
REVISION & DATE	



ARLINGTON COUNTY, VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO.
SWF-05



NOTES:

1. EXPANSION JOINTS SHALL BE INSTALLED WHEN THE SWF FOUNDATION ABUTS CONCRETE CURBS AND/OR SIDEWALKS.

References:

- Arlington County Master Transportation Plan Map, April 2019, outlines the continuous width of the sidewalk required is 6' for Arterial Roadways & 5' for Non-Arterial Roadways
- 2010 ADA Standards for Accessible Design, Chapter 4, Page 117 & 118
- AASHTO-A Policy on Geometric Design of Highways and Streets, 2011, 6th Edition, Page 443 & 444
- AASHTO-Road Design Manual, Appendix A2, Page A2-2
- PROWAG (Public Rights-of-Way Accessibility Guidelines)
- VDOT RDM (Road Design Manual), Appendix A(1), Page 72

FOR INFORMATIONAL USE ONLY

**SMALL WIRELESS FACILITIES (SWF)
TYPICAL SECTION**

REVISION & DATE



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO.
SWF-06