

ARGOS MUNICIPAL ELECTRIC
(Electrical Service Installation)

100 Amp Service		
S.E. Cable	Service Wire	Galvanized Rigid Conduit
#2 Aluminum (Residential Only)	#2 Copper #2 Aluminum	2" 2"

200 Amp Service		
S.E. Cable	Service Wire	Galvanized Rigid Conduit
#4/0 Aluminum (Residential Only)	4/0 Aluminum 2/0 Copper	2" 2"

1. S.E. cable straps must be 6" from the weatherhead and 6" from the meter base, but no farther than 30" apart.
2. Conduit straps must be 1' from the weatherhead, 2' from meter base, and 5' apart.
3. S.E. cable *cannot* be used in any raceway pertaining to service.
4. In all services, if a panel is over 6' from the meter base, a weather proof disconnect will be required.
5. On secondary of service, if rigid or E.M.T. is used, the proper locknut and bushing must be used.
6. Ground wire must be run in conduit. The wire must be secured to the ground rod with a ground rod clamp with one continuous piece of wire from the meter base through both ground rods.
7. Two ground rods are required at least 6' apart but not more than 10'.
8. Any neutral conductor pertaining to meter base, panel and weatherhead must be identified with white tape.
9. Oxide inhibiting compound must be used on all aluminum connections.
10. 30" of service wire extending from weatherhead is required.
11. On pole mounted services, a 30' pole with 25' ground clearance is required. The weatherhead must be installed 2' from top. (Pole furnished by customer)
12. Any riser above roof must be 2" galvanized rigid.
13. Dead end anchors must be used on 2" rigid above roof and 1" below weatherhead. (Provided by customer) Screw in anchors under soffit at top of weatherhead.
14. Service wire must be a minimum 12' from ground level. If above roof, must be a minimum of 3' above roof.
15. Remember that you will need to obtain a permit from the Clerk's Office for any electric upgrades. Contact Marshall County Building Inspector for all electric inspections. 935-8540

