NOTES

(1) Bucket access required for construction and maintenance.
(2) Covered wire must be treated as a bare energized conductor.
(3) Lowered neutral location required to permit cable training space.
(4) Drawing assumes direct jacketed concentric neutral cable. Use metal tape shielded cable requires use of Kemkells grips for cable jacket support.
(5) Preferred riser location to be within 90° of system neutral.
(6) Polehead bracket and top conduit strandoff bracket must be grounded.
(7) Apply 3 wraps minimum of 33+ tape to terminator compression fitting.
(8) Switch number mounted on street side of pole.
(9) Ground wire assembly to be 4/0 CU stranded bare wire from arresters to neutral and #4 CU stranded covered wire from neutral to ground rod.
(10) Ground wire to clear other hardware by 3" minimum.
(11) Field drilled holes and cut surfaces shall be preserved with wood sealer compound (6030-000965).
(12) 15" minimum easement required.

REFERENCES

(1) See DM-16-8.0 Amperage of 15 kV Underground Cable Three-Phase Single Circuit
(2) See DS-18-1.0 Universal Support Bracket
(3) See DS-18-24.0 Connector Lug Terminations
(4) See Section 18 for Individual Details