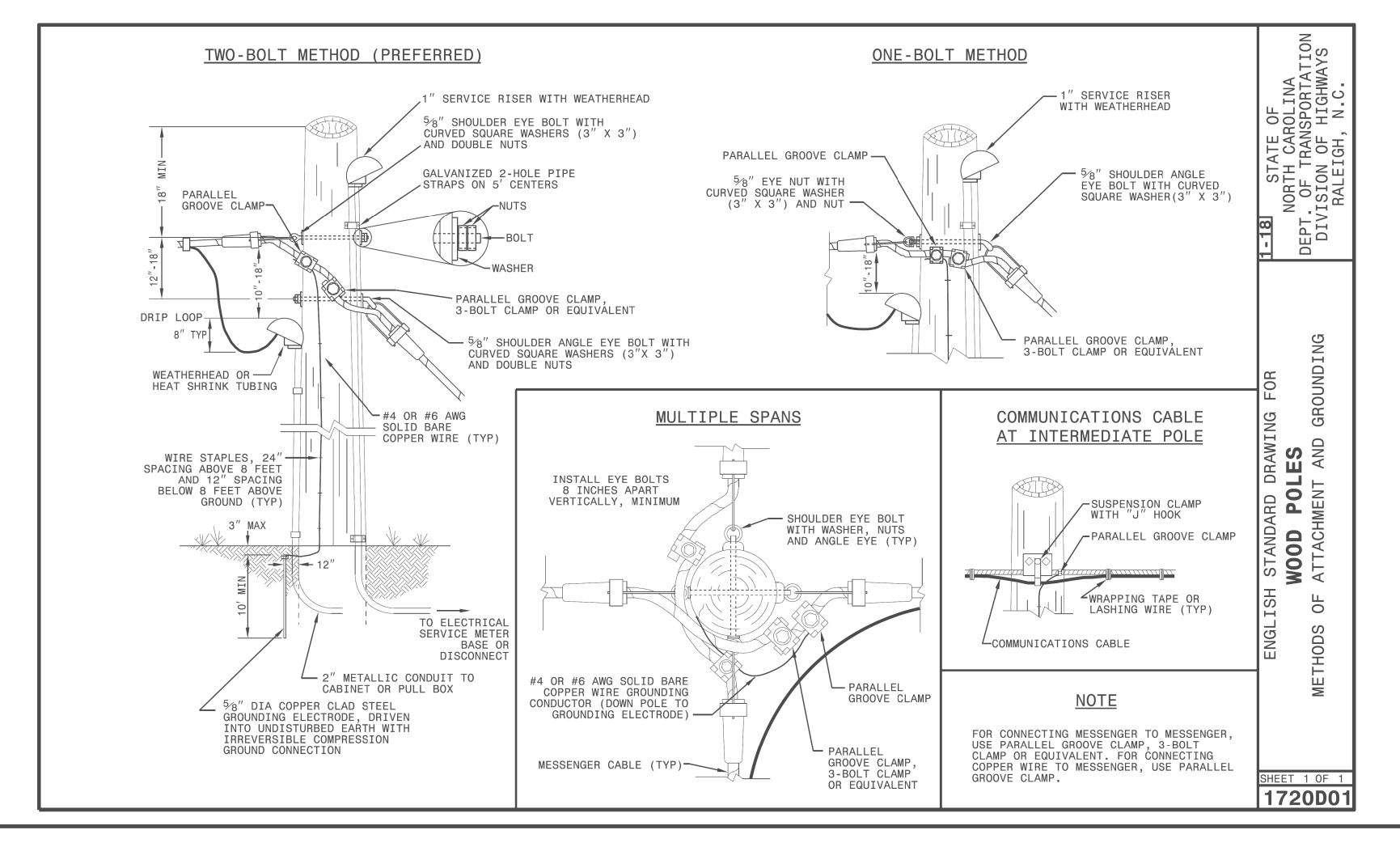
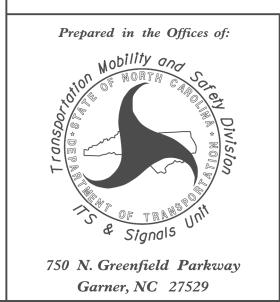
1-18 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. MESSENGER CABLE\_ CONDUCTOR TO POWER GROUNDING CONNECTION SYSTEM POLE GROUND METER BASE CONNECTION LOCK NUT #8 AWG MIN #8 AWG MIN STRANDED COPPER (BLACK) STRANDED COPPER (WHITE) - SERVICE DISCONNECT 120 V SINGLE - NEUTRAL BUS POLE BREAKER - MAIN BONDING SCREW #8 AWG MIN \_ STRANDED COPPER (WHITE) #6 AWG MIN GREEN INSULATED L SERVICE GROUNDIN #8 AWG MIN STRANDED COPPER WIRE STRANDED COPPER (BLACK) GROUNDING/BONDING BUSHING-#4 AWG SOLID BARE - COPPER WIRE TO GROUNDING ELECTRODE LOCK NUTS -FOR JOINT USE POLES ONLY, #6 AWG MIN SOLID BARE COPPER SYSTEM WITH SPLIT BOLT CONNECTORS OR PARALLEL GROOVE CLAMPS ON EACH END
(CONNECTION TO BE MADE ABOVE
SPECIAL ROUTING SHOWN BELOW) WIRE STAPLES, 24" SPACING ABOVE 8 FEET-AND 12" SPACING BELOW'S FEET ABOVE GROUND (TYP) PROVIDE WIRING ROUTING AND STAPLING SO THAT STAPLES MAY BE TEMPORARILY REMOVED AND GROUNDING WIRES CAN BE PULLED MIN 1.5" OFF POLE & SPACED MAX 0.75" APART TO ENABLE TESTING OF GROUNDING TRICAL GROUN ELECTRICAL SERVICE
TO CABINET ELECTRODE RESISTANCE BY CLAMP ON TESTER C 5/8" DIA COPPER CLAD STEEL GROUNDING ELECTRODES, WITH Ш IRREVERSIBLE COMPRESSION GROUND CONNECTOR SHEET 1 OF 1 1700D0



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

## See Plate for Title





PROJECT NO.

SHEET NO