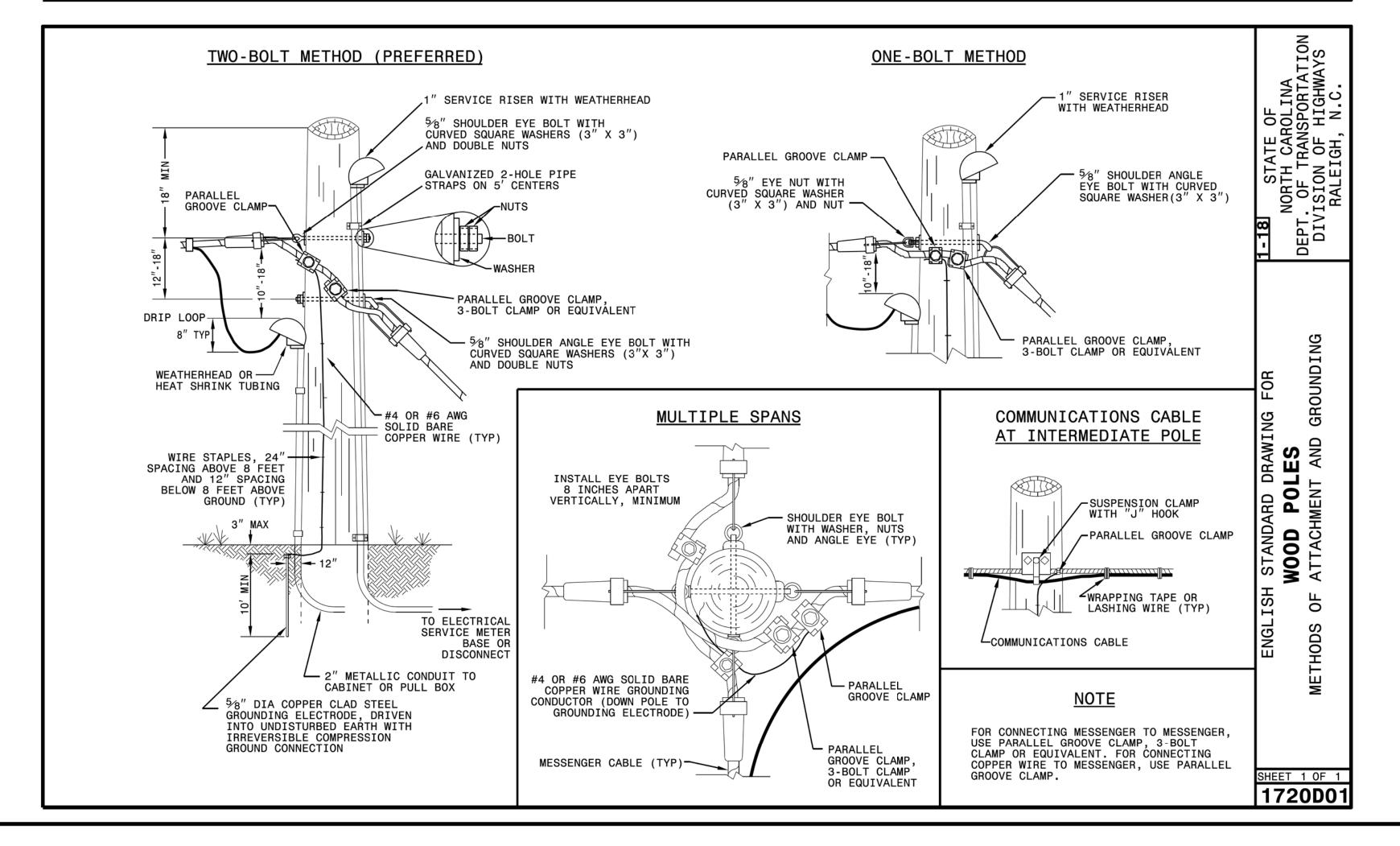
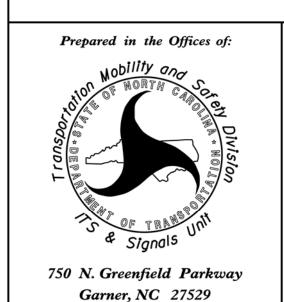
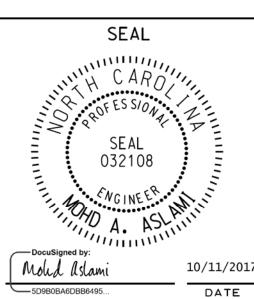
1-18 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTAT
DIVISION OF HIGHWAY
RALEIGH, N.C. CONDUCTOR TO POWER MESSENGER CABLE\_ GROUNDING CONNECTION SYSTEM POLE GROUND METER BASE CONNECTION LOCK NUT #8 AWG MIN #8 AWG MIN STRANDED COPPER (BLACK) STRANDED COPPER (WHITE) - SERVICE DISCONNECT 120 V SINGLE POLE BREAKER - NEUTRAL BUS - MAIN BONDING SCREW #8 AWG MIN\_ STRANDED COPPER (WHITE) #6 AWG MIN GROUNDING GREEN INSULATED #8 AWG MIN STRANDED COPPER (BLACK) STRANDED COPPER WIRE 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 WITH SPLIT BOLT CONNECTORS OR SYSTEM PARALLEL GROOVE CLAMPS ON EACH END
(CONNECTION TO BE MADE ABOVE
SPECIAL ROUTING SHOWN BELOW) RICAL SERVICE GROUNDING AND BON WIRE STAPLES, 24" SPACING ABOVE 8 FEET AND 12" SPACING BELOW 8 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 ── ELECTRICAL SERVICE ELECTRODE RESISTANCE BY CLAMP ON TESTER TO CABINET TR S 5/8" DIA COPPER CLAD STEEL 딥 GROUNDING ELECTRODES, WITH IRREVERSIBLE COMPRESSION GROUND CONNECTOR SHEET 1 OF 1 1700D01



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

## See Plate for Title





PROJECT NO.

I-5506

SHEET NO

:\*2018 Std Drawings\*Plate Sheets\*2018 whough