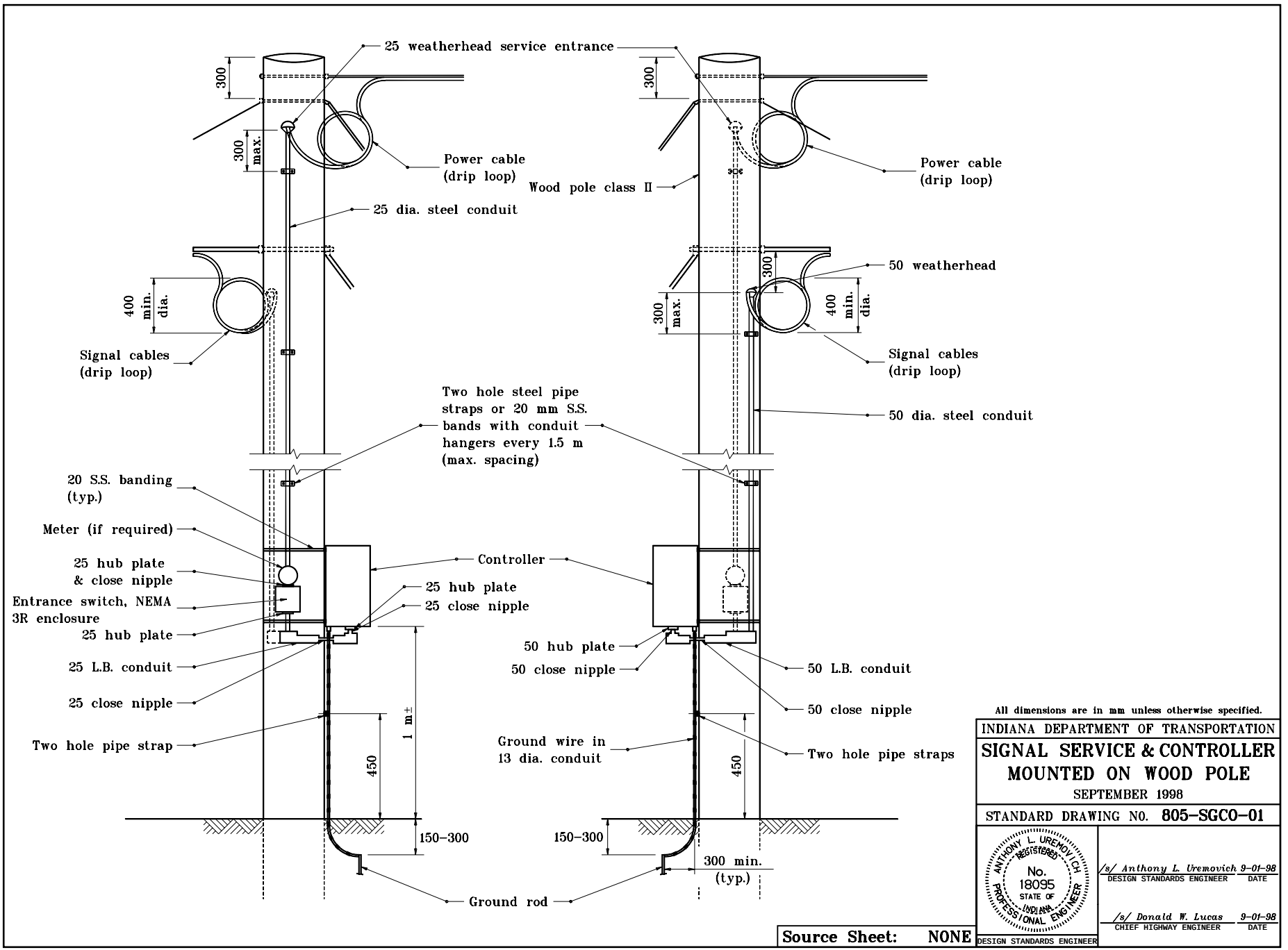
25 weatherhead service entrance
300
300 max.
Power cable (drip loop)
25 dia. steel conduit
400 min. dia.
Signal cables (drip loop)
Two hole steel pipe straps or 20 mm S.S. bands with conduit hangers every 1.5 m (max. spacing)
20 S.S. banding (typ.)
Meter (if required)
25 hub plate & close nipple
Entrance switch, NEMA 3R enclosure
25 hub plate
25 L.B. conduit
25 close nipple
Two hole pipe strap
Controller
25 hub plate
25 close nipple
450
1 m±
150–300
Ground rod
Wood pole class II
50 weatherhead
50 dia. steel conduit
50 hub plate
50 close nipple
50 L.B. conduit
50 close nipple
Ground wire in 13 dia. conduit
Two hole pipe straps
300 min. (typ.)
All dimensions are in mm unless otherwise specified.
INDIANA DEPARTMENT OF TRANSPORTATION
SIGNAL SERVICE & CONTROLLER MOUNTED ON WOOD POLE
SEPTEMBER 1998
STANDARD DRAWING NO. 805-SGCO-01
ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER
/s/ Anthony L. Uremovich 9-01-98
DESIGN STANDARDS ENGINEER DATE
/s/ Donald W. Lucas 9-01-98
CHIEF HIGHWAY ENGINEER DATE
Source Sheet: NONE
DESIGN STANDARDS ENGINEER