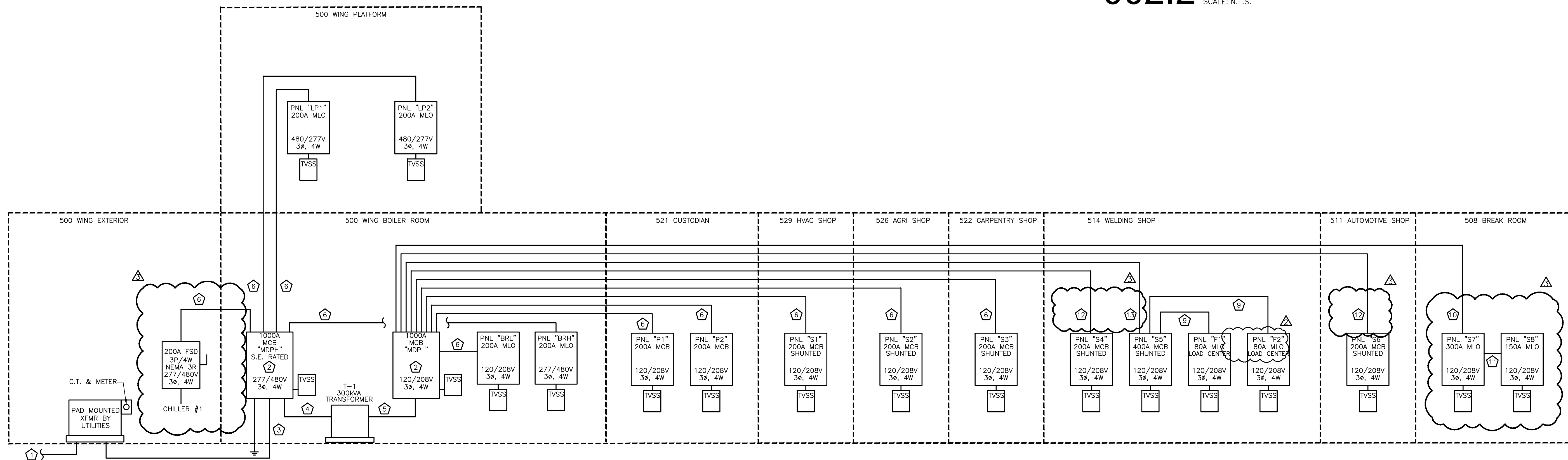


002.4 300 KVA TRANSFORMER GROUNDING DIAGRAM

NOTE: (WHEN AVAILABLE)

1. THIS DRAWING ONLY SHOWS GROUNDING ELECTRODE CONDUCTORS AND BONDING JUMPERS. ALL CONDUITS SHALL ALSO HAVE EQUIPMENT GROUNDING CONDUCTORS SIZED PER NEC AND DRAWINGS.
2. BONDING OF GAS PIPE IS TO EQUALIZE POTENTIAL OF GAS PIPE ONLY, AS REQ'D BY N.E.C. & VOLUME VI OF NCBC.

002.2 1000A SERVICE ENTRANCE
GROUNDING DETAIL
SCALE: N.T.S.



002.1 POWER RISER DIAGRAM

① COORDINATE UNDERGROUND/OVERHEAD SERVICE WITH UTILITY CO. PROVIDE ALL CONTACT, WIRING, LABOR, AND/OR OTHER WORK AS REQUIRED BY UTILITY CO.

② GROUND SERVICE ENTRANCE PER "SERVICE ENTRANCE GROUNDING DETAIL"

③ 3 SETS: 3-#400CMIL IN 3.5°C UNDERSLAB

④ 2 SETS: 3-#250 & 1-#1/0C IN 3°C

⑤ 3 SETS: 4-#400 & 1-#3/0 IN 3.5°C

⑥ 4-#3/0 & 1-#6G IN 2.5°C

⑦ 4-#3 & 1-#8G IN 1.5°C

⑧ 2 SETS: 4-#3/0 & 1-#3G IN 2.5°C

⑨ 4-#3 & 1-#6 IN 1.5°C

⑩ 2 SETS: 4-#4/0 & 1-#3G IN 2.5°C

⑪ 4-#1/0 & 1-#6G IN 2°C

⑫ 4-#6/0 & 1-#4G IN 2.5°C

⑬ 2 SETS: 4-#4/0 & 1-#1G IN 3°C