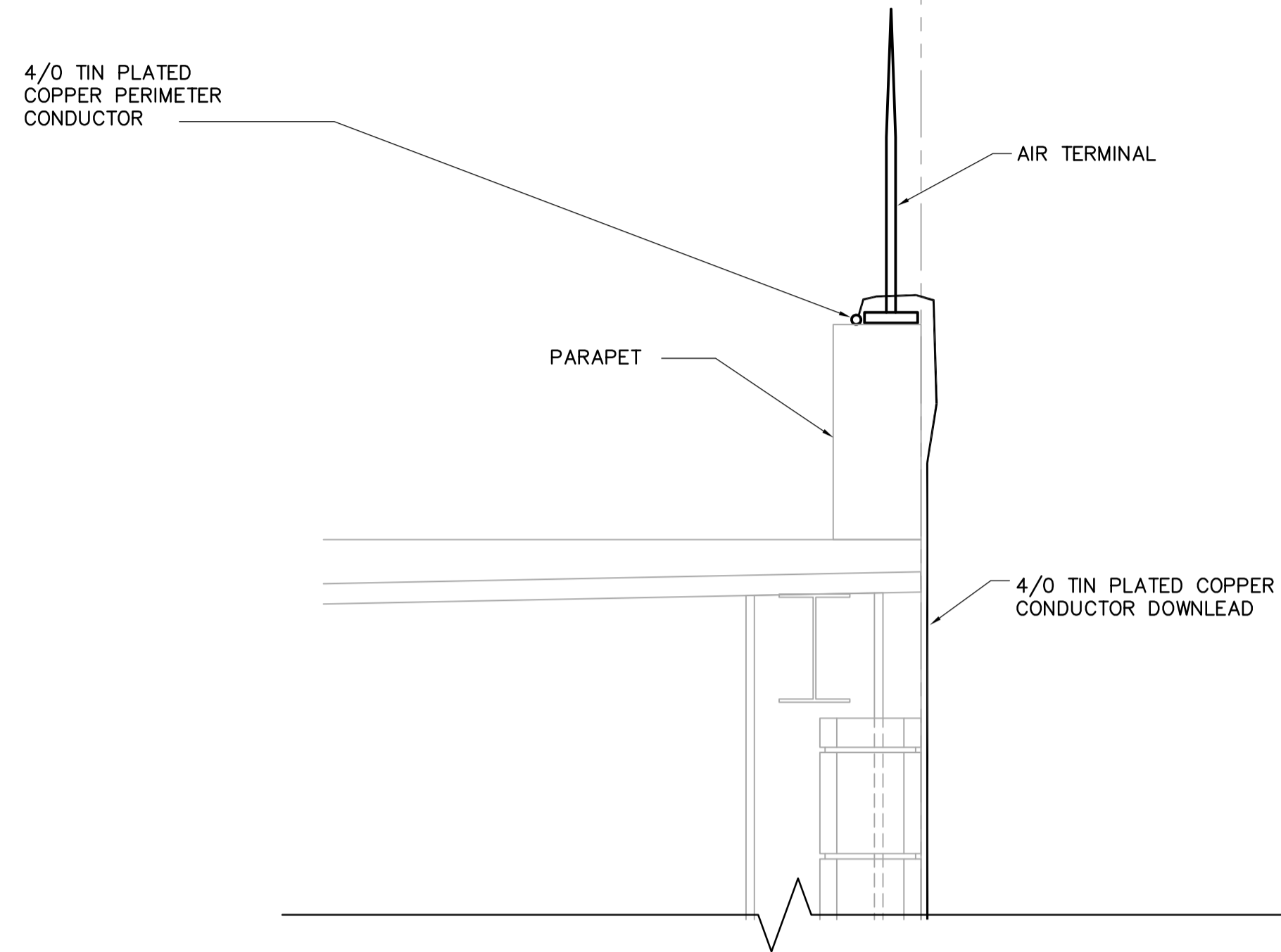


**A** LIGHTNING GROUND ELECTRODE DETAIL

SCALE: NTS

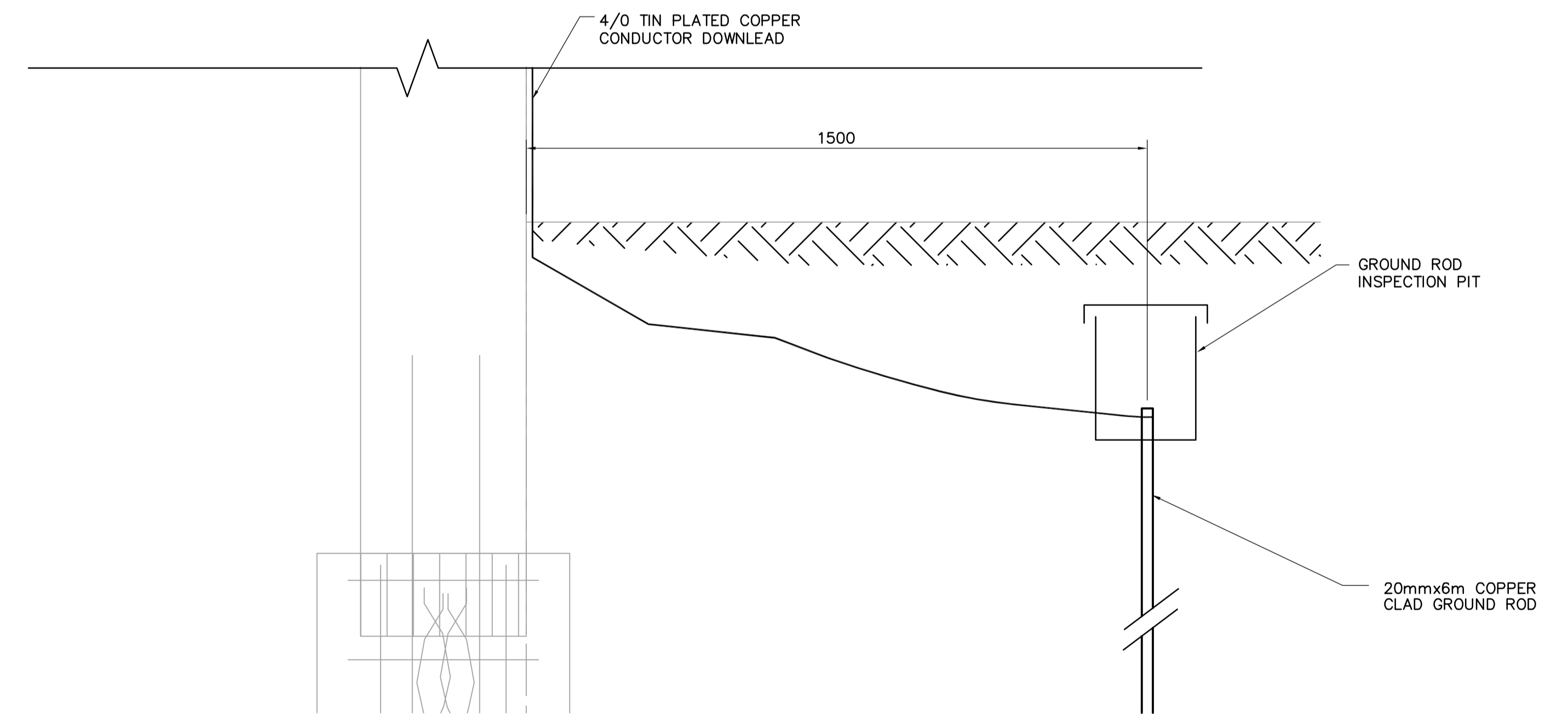
**NOTE:**

- GROUND RODS SHALL BE INSTALLED OUTSIDE THE EXTENTS OF THE EXCAVATION SHORING.



**7** LIGHTNING DOWNLEAD DETAIL

N.T.S.



|   |                  |   |  |   |   |                                 |  |  |
|---|------------------|---|--|---|---|---------------------------------|--|--|
| <p>Certificate of Authorization<br/>Earth Tech Canada Inc.<br/>No. 730 Expiry: April 30, 2007</p> | B.M.<br>ELEV.    | <p>Frederickson Cooper<br/>ARCHITECTS</p> | <p>A Tyco International Ltd. Company</p> | ENGINEER'S SEAL                             | <p>THE CITY OF WINNIPEG<br/>WATER AND WASTE DEPARTMENT<br/>ENGINEERING DIVISION</p> |                                 |  |  |
|   | DESIGNED BY: BLM |   |  | CHECKED BY: ND                              |   | ORIGINAL SIGNED BY: P. STRYK    |  |  |
|   | DRAWN BY: ERC    |   |  | APPROVED BY: AHL                            |   | 2007/01/31                      |  |  |
|   | SCALE: NTS       |   |  | RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI |   | CONSULTANT DRAWING NO. WS-E0453 |  |  |
| NO. REVISIONS   | DATE             | BY  | DATE                                     | 2006/10/10                                  | DATE  | 2007/01/31                      | <p>WATER TREATMENT PLANT<br/>BULK CHEMICAL BUILDING<br/>SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDING</p> <p>ELECTRICAL<br/>STANDARD DETAILS</p> | <p>CITY FILE NUMBER</p> <p>SHEET OF</p> <p>CITY DRAWING NUMBER<br/>1-0601S-D-E0453-001-010</p> |