

METRIC

LINEAR DIMENSIONS
IN MILLIMETER

No.

Revision

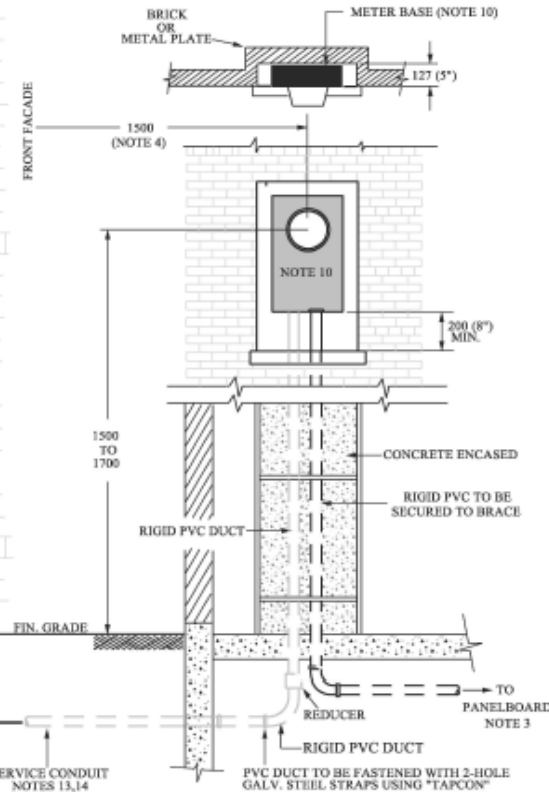
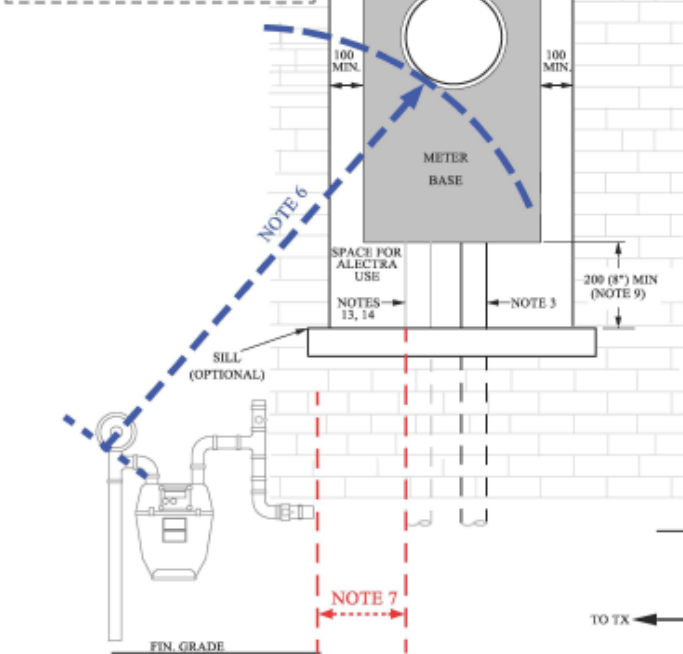
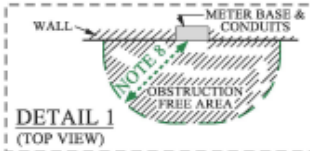
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by

Date

Std. No.

(1 of 1)

20-0070



NOTES:

1. THE 200 AMP METER BASE SHALL BE OF TYPE APPROVED BY ALECTRA AS NOTED IN STD. 20-0001.
2. THE METER BASE SHALL BE SUPPLIED AND INSTALLED BY THE CUSTOMER.
3. ALL METER BASE AND CONDUIT INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE.
4. THE METER BASE SHALL BE LOCATED WITHIN 1500mm OF THE FRONT FACADE OF THE BUILDING OR AS APPROVED BY ALECTRA.
5. THE METER BASE SHALL BE SURFACE MOUNTED ON THE FINISHED WALL BY MEANS OF FOUR (4) #12 x 1.5" SCREWS C/W LEAD ANCHORS AND BELLEVILLE WASHERS.
6. THE ELECTRIC METER SHALL HAVE A MINIMUM 900mm RADIAL CLEARANCE FROM THE DISCHARGE OPENING OF THE NATURAL GAS RELIEF DEVICE AND VENT. HOWEVER, THIS COULD BE REDUCED TO A MINIMUM 300mm PROVIDED THAT THE DISCHARGE OPENING OF THE NATURAL GAS RELIEF DEVICE AND VENT IS INSTALLED WITH AN APPROVED OVERPRESSURE CUT-OFF (OPCO) WITH LIMITED RELIEF (LR) OR NO RELIEF (P). THE OVER PRESSURE RELIEF DEVICE MUST BE MARKED "LR-OPCO" OR "P-OPCO".
7. THE ELECTRICAL CONDUIT(S) SHALL HAVE A MINIMUM 300mm CLEARANCE FROM THE GAS METER, ALL ASSOCIATED PIPING AND ACCESSORIES. THE CUSTOMER HOUSE GAS LINE SHALL NOT BE PERMITTED TO CROSS THE ELECTRICAL CONDUIT(S).
8. THE METER BASE AND CONDUIT(S) SHALL BE PROVIDED AND MAINTAINED WITH A MINIMUM 1000mm RADIAL OBSTRUCTION FREE AREA FROM COMMUNICATION STRUCTURES, FENCES, TREES, PLANTS, SHRUBS, AIR CONDITIONING UNITS AND ANY OTHER STRUCTURES SEE DETAIL 1.
9. MINIMUM 200mm CLEARANCE FOR ALECTRA USE. INCREASED CLEARANCE FOR INSTALLATION OF OTHER UTILITY EQUIPMENT.
10. METER BASE FRONT TO BE FLUSH WITH BRICK WALL, BACK TO BE PROTECTED BY BRICK OR METAL PLATE.
11. NO ATTACHMENT SHALL BE PERMITTED TO THE CONDUITS EXCEPT COMMUNICATION UTILITY EQUIPMENT.
12. INSIDE THE METER BASE, ALL THE CONDUCTORS, EXCEPT THE NEUTRAL, SHALL REQUIRE A 600mm LOOP OF CABLES MEASURED FROM THE METER BASE TERMINALS.
13. FOR UNDERGROUND SERVICE ROUTE AND SUPPLIED FROM ALECTRA-OWNED POLE AND POLE-MOUNTED TRANSFORMER, THE DEMARCATION POINT SHALL BE AT THE LINE SIDE OF MAIN DISCONNECT SWITCH AND SHALL BE INSTALLED AS PER STD. 19-40 AND 25-56 (Legacy BH), STD. 25U-120, FIG. 1 AND 2 (Legacy EHM), STD. 25U-2040, FIG. 1 AND 2 (Legacy HUC), STD. 25-306A (Legacy PS), STANDARD PRACTICE AT (Legacy GH) AND STD. 25-2052 (ALECTRA).
14. FOR UNDERGROUND SERVICE ROUTE AND SUPPLIED FROM ALECTRA-OWNED PAD-MOUNTED TRANSFORMER (INSTALLED ON CITY BOULEVARD), THE DEMARCATION POINT SHALL BE AT THE LINE SIDE OF METER BASE AND SHALL BE INSTALLED AS PER STD. 37-211 (Legacy BH), STD. 25U-120, FIG. 3 (Legacy EHM), STD. 25U-2040, FIG. 3 (Legacy HUC), STD. 17-101 (Legacy PS), STANDARD PRACTICE AT (Legacy GH) AND STD. 25-2052 (ALECTRA).



Construction Standard Certificate of Approval

The Construction Standard meets the safety requirements of Section 4 of Regulation 22/04

Al Fernandez 06/2024

Signature: [Signature] P.Eng. Date

Signature & Professional Designation

ORIGINAL

Drawn by: A.C.

Checked by: S.I.

Approved by: A.F.

Date: Jun-2024

Title:

UNDERGROUND SERVICE
RESIDENTIAL
200A RECESSED METER BASE