



Diagram illustrating the typical finished wall surface and associated dimensions for a gas meter installation. The diagram shows a cross-section of a wall with a meter base and service cable trench.

Key dimensions and components labeled:

- 100 MIN.**: Minimum distance from the wall to the meter base.
- OESC APPROVED SUPPORT STRUCTURE**: The structure supporting the meter base.
- METER BASE SEE FIG. 1**: The base for the gas meter.
- TYPICAL FINISHED WALL SURFACE**: The exterior wall surface.
- TYPICAL FINISHED RECESSED WALL SURFACE SEE D-1**: The recessed area for the meter base.
- CUSTOMER SUPPLIED & INSTALLED**: The service cable and associated components.
- LOAD SIDE TO CUSTOMER PER OESC**: The side of the meter base facing the customer's load.
- SOURCE SIDE PER FIG. 1 OR PER APPROVED SECONDARY SERVICE CABLE TRENCH DETAIL SEE NOTE 4**: The side of the meter base facing the source.
- FINISHED GRADE**: The ground level.
- 150 MIN.**: Minimum distance from the finished grade to the meter base.
- 1000 MIN.**: Minimum distance from the finished grade to the front porch slab or driveway.
- FRONT PORCH SLAB OR DRIVEWAY**: The ground surface in front of the meter base.
- TO GAS METER SEE NOTE 6**: The connection to the gas meter.

FIG.2
TYPICAL RECESSED WALL TRANSITION
SEE NOTES 1 & 2

1. FIG.1 AND FIG.2 ARE ALTERNATE ARRANGEMENTS. FOR PREFERRED DEFAULT ARRANGEMENTS SEE DU-03-209-0500, DU-209.1-0500 OR DU-03-209.2-0500.
2. FIG.1 REPRESENTS TYPICAL FRONT PORCH SURFACE MOUNT INSTALLATION. FOR TYPICAL FRONT PORCH OR DRIVEWAY RECESSED INSTALLATION SEE FIG.2.
3. PVC CONDUIT AND SWEEP UNDER THE FRONT PORCH SLAB ARE CUSTOMER OWNED AND MUST BE CONCRETE ENCASED AND INSTALLED PER ONTARIO BUILDING CODE (OBC) AND ONTARIO ELECTRICAL SAFETY CODE (OESC).
4. REGULAR OR REDUCED COVER TRENCH PER APPROVED SECONDARY SERVICE CABLE TRENCH DETAIL. SEE DU-03-209-0500, DU-209.1-0500 OR DU-03-209.2-0500.
5. ALL DUCTS TO BE MANDRELLED AND CLEANED AFTER INSTALLATION. ALL DUCTS TO HAVE 1/2" POLYESTER PULLING TAPE INSTALLED.
6. INSTALL METER COMPARTMENT AS PER ELECTRICAL SAFETY CODE (OESC), USE ONLY HYDRO ONE APPROVED METER BASES LISTED IN THE HYDRO ONE 'METER SOCKET BASE' LIST. METER BASE TO MAINTAIN 1m MINIMUM CLEARANCE FROM DISCHARGE OF ANY COMBUSTIBLE GAS RELIEF DEVICE OR VENT.
7. FLEXIBLE CONDUIT, WITH APPROVED COUPLER MAY BE INSTALLED. FOR REDUCED COVER SCHEDULE 40 PVC CONDUIT MAY BE INSTALLED, PER NOTE 4 ABOVE.
8. PART#S MARKED WITH "*" ARE SUPPLIED BY CUSTOMER; MM#S OF SUCH PARTS ARE FOR REFERENCE ONLY.
9. THE METER BASE CONDUITS WILL VARY IN SIZE DEPENDING ON CONDUCTOR SIZE (i.e. 2" DIAMETER FOR 3/0 AWG, 3" FOR 250 kcmil or 500 kcmil CONDUCTOR). ONLY ONE SERVICE CABLE PERMITTED PFR CONDUIT.

PARTS LIST			
PART No.	MM No.	DESCRIPTION	QTY
1	30031918	COUPLER KIT, 4", FLEX TO 4" RIGID	A/R
2	30031917	CONDUIT, FLEX, 4"	A/R
3	30005908 30005915	SERVICE CABLE, 3/0 AWG, 3-COND., AL. SERVICE CABLE, 250Kcmil, 3-COND., AL.	A/R
4	*	CONDUIT, PVC, 4", DB2	A/R
5	20002181	CAUTION TAPE, BURIED ELECTRIC LINE	A/R
6	*	SWEEP, 4" x 24" RADIUS, SCHEDULE 40, PVC	A/R
7	*	CONDUIT, 4", SCHEDULE 40, PVC	A/R
8	30031602	CAP, 4", SCHEDULE 40, PVC	A/R
9	20000007	TAPE, PULLING, 1/2" WIDE, POLYESTER	A/R
10	30031626	COUPLER, 4", DB2 TO 4" RIGID	A/R
MM# = REFER TO SECTION 16 ONLY			A/R = AS REQUIRED
* = SUPPLIED BY CUSTOMER - SEE NOTE 8			

Drawn By: P.C.	Checked By: M.MATEVSKI	Designed By: S.JASSAL	Design Approved By: M.MATEVSKI
Scale: N.T.S.	Date: (yyyy/mm/dd) 2021/03/03	Pole ID:	

TRENCH DETAIL - SECONDARY SERVICE CABLE
FROM UNDERGROUND TRENCH TO METER BASE UP TO 200A
ALTERNATE ARRANGEMENTS. 1Ø, 120/240V

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