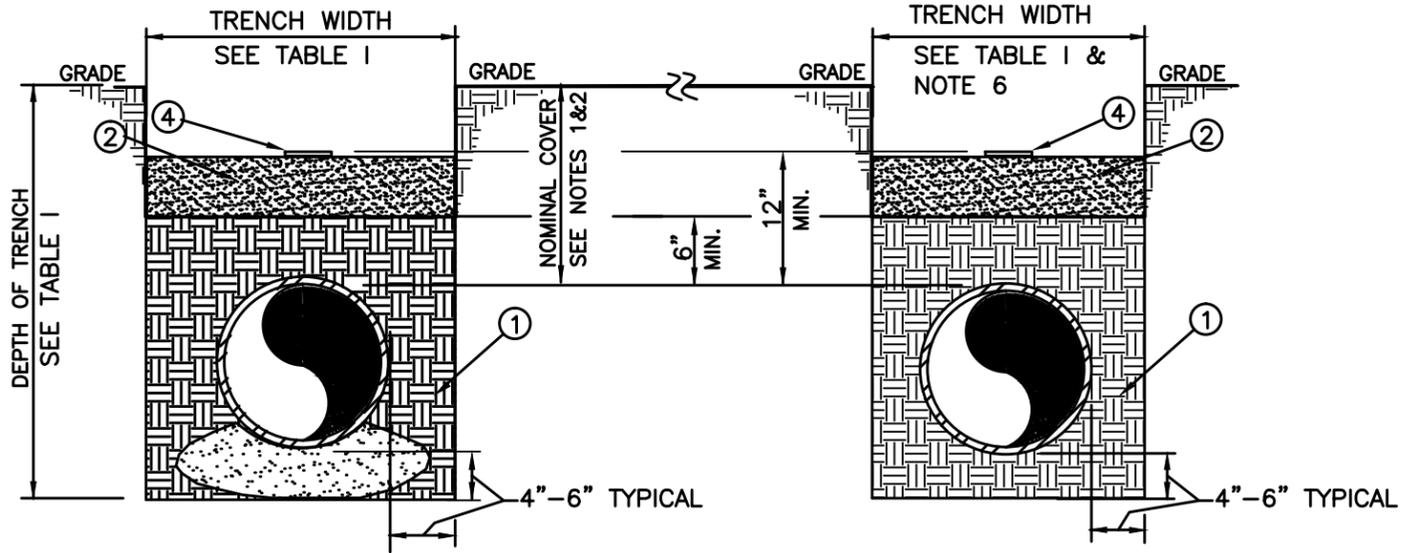


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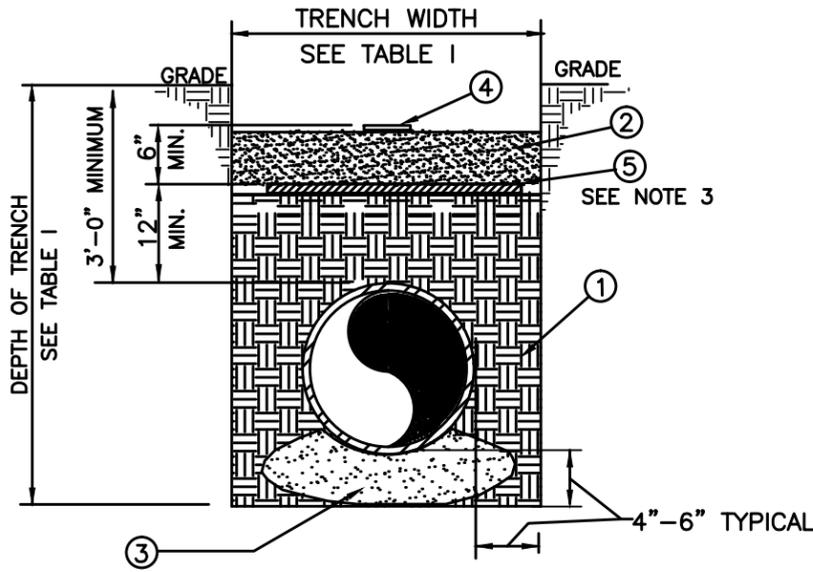
REVISIONS

R.GROGAN 7/21/98	0
M. BALDOVIN 2/02/06	1
REVISED TRENCH WIDTH FOR 4" THRU 12" MAINS IN TABLE 1 REMOVED REQUIREMENT FOR SANDBAGS FOR STEEL DISTRIBUTION MAIN.	
RAJ. 2/1//06	
M. BALDOVIN 4/04/06	2
ADDED REQUIREMENTS OF SAND BAGS FOR STEEL DISTRIBUTION MAIN.	
RAJ. 4/4//06	
M. BALDOVIN 3/12/08	3
REVISED TRENCH WIDTH OF 16" AND GREATER SIZE MAINS IN TABLE I.	
P.L.S. 1/28/08	
M. BALDOVIN 04/29/13	4
REVISED TITLE REVISED DRAWING IN ITS ENTIRETY.	
HT 04/24/13	



STEEL MAIN OR SERVICE (DISTRIBUTION)

PLASTIC MAIN OR SERVICE (DISTRIBUTION)



STEEL MAIN (TRANSMISSION)

SIZE OF MAIN/SERVICE	TRENCH WIDTH	TRENCH DEPTH (MAIN)	TRENCH DEPTH (SERVICE)
1"	0'-10"	3'-6"	2'-6"
1 1/4"	0'-10"	3'-6"	2'-6"
1 1/2"	0'-10"	3'-6"	2'-6"
2"	1'-0"	3'-8"	2'-8"
3"	1'-0"	3'-8"	2'-8"
4"	1'-2"	3'-10"	2'-10"
6"	1'-4"	4'-0"	3'-0"
8"	1'-6"	4'-2"	3'-2"
10"	1'-8"	4'-4"	3'-4"
12"	1'-10"	4'-6"	3'-6"
16"	4'-4"	4'-10"	3'-10"
20"	4'-8"	5'-2"	4'-2"
24"	5'-0"	5'-6"	4'-6"
30"	5'-6"	6'-0"	
36"	6'-0"	6'-6"	

ITEM NO.	DESCRIPTION	SPEC. OR DWG. NO.	CLASS & STOCK NO.
1	3/8" SAND/ CLEAN FILL/ RECYCLED BACKFILL	EO-8085	-
2	SUITABLE BACKFILL	EO-1181	
3	SANDBAG	ASTM C-33	000-0075
4	"WARNING BURIED GAS LINES BELOW" TAPE	G-8005/ G-8100	024-6660
5	STEEL PROTECTIVE COVER	EO-6799-C	-

NOTES:

- DISTRIBUTION MAINS SHOULD BE INSTALLED WITH A MINIMUM 3'-0" COVER SO AS TO ALLOW A MINIMUM COVER OF 2'-0" ON THE SERVICE PIPING.
- FOR DISTRIBUTION MAINS OR SERVICES, STEEL PROTECTIVE PLATES ARE REQUIRED WHEN THE COVER IS LESS THAN 2'-0". (SEE SPECS. G-8005, G-8100, AND DWG. EO-6799-C).
- FOR TRANSMISSION MAINS, STEEL PROTECTIVE PLATES ARE REQUIRED FOR ALL NEW INSTALLATIONS REGARDLESS OF COVER AND IF FEASIBLE, WHENEVER AN EXISTING TRANSMISSION MAIN IS EXPOSED. (SEE SPECS. G-8051, G-11863, AND DWG. EO-6799-C).
- ENSURE PROPER CLEARANCES ARE MAINTAINED BETWEEN GAS FACILITIES AND OTHER FACILITIES OR STRUCTURES. (SEE CI-920-1 AND DWG. EO-5570-C)
- WHEN SHEETING IS USED, THE "TRENCH WIDTH" DIMENSION IN TABLE 1 SHALL BE MEASURED FROM THE INSIDE OF THE SHEETING.
- WHEN INSTALLING COILED PLASTIC PIPE, THE TRENCH WIDTH MAY BE LESS THAN SHOWN ON TABLE 1.
- FOR STEEL MAINS AND SERVICES, INSTALL SANDBAGS AT 10' INTERVALS.
- ALL REPLACEMENT DIRECT BURIED COPPER TUBING AND PLASTIC TUBING SERVICES IN 1" OR 1 1/4" CTS SIZES SHALL HAVE A PROTECTIVE SLEEVE INSTALLED. (SEE G-8100)
- SEE G-8200 FOR MINIMUM SIZES OF NEW DIRECT BURIED PLASTIC, STEEL, AND COPPER SERVICES OF VARIOUS PRESSURES.

REFERENCE SPECS & DWGS:

GAS MAIN INSTALLATION	G-8005
GAS SERVICE INSTALLATION	G-8100
GAS SERVICE SIZING	G-8200
STEEL PROTECTION PLATES	EO-6799-C; G-8051; G-11863
PROPER CLEARANCES	CI-920-1; EO-5570-C
SHEETING	EO-16954-B; EO-16965-B
BACKFILLING	EO-1181; EO-8085

TRENCH EXCAVATION FOR GAS MAINS & SERVICES UP TO 350 PSIG

CONSOLIDATED EDISON COMPANY OF N.Y., INC.
GAS OPERATIONS DEPT.

DATE 7/21/98
LAST REV. 04/29/13

DWG. NO. 309495 REV. 4

THIS DWG. SUPERSEDES - - - - EO-7922

GAS OPERATIONS CONSTRUCTION STDS. VOLUME 2 SECTION 5