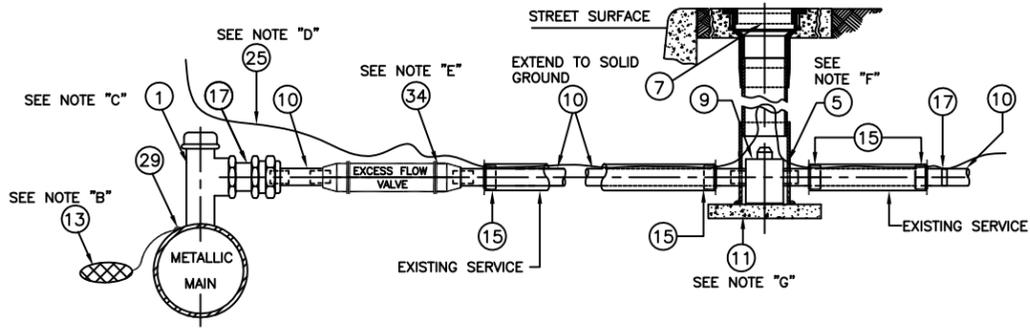
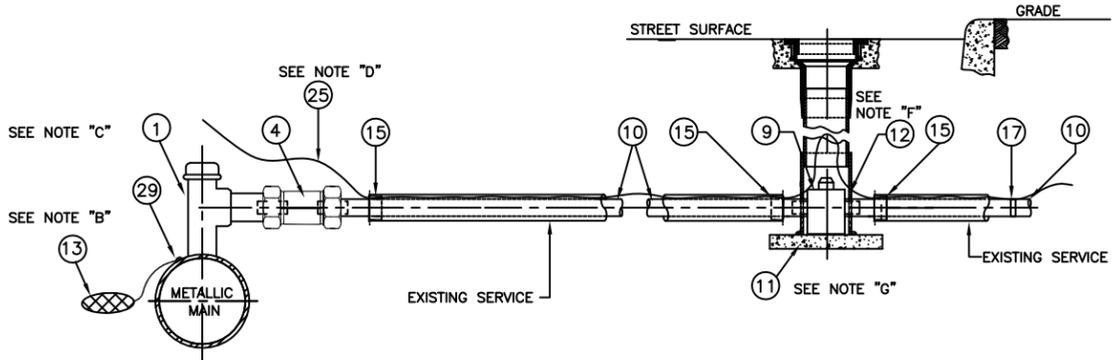


REVISIONS

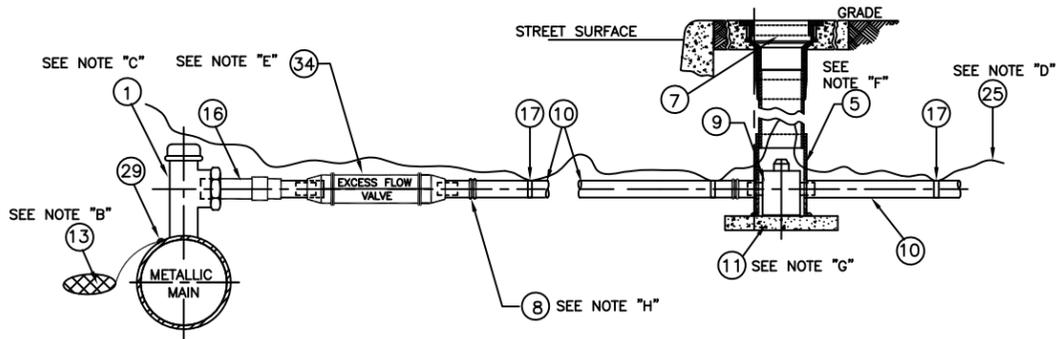
M. BALDOVIN B.DAS	2
REDRAWN BY CAD. UPDATED DWG. REVISED NOTES. ADDED SHEET #4 OF 4	
RAJ 5/16/06	
M. BALDOVIN 7/27/06	3
REVISED DWG AND NOTES.	
CP 6/23/06	
M. BALDOVIN 6/22/11	4
REVISED DRAWING AND NOTES.	
D.J. 6/22/11	



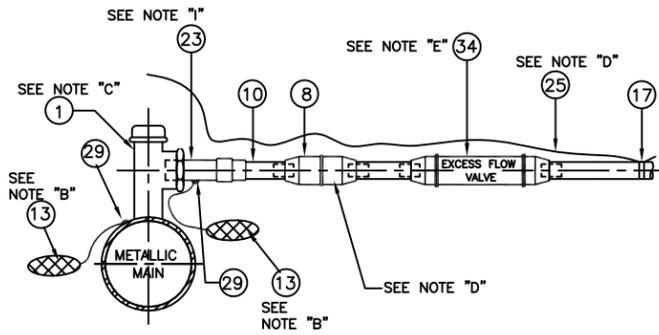
RECOMMENDED INSERTION INSTALLATION



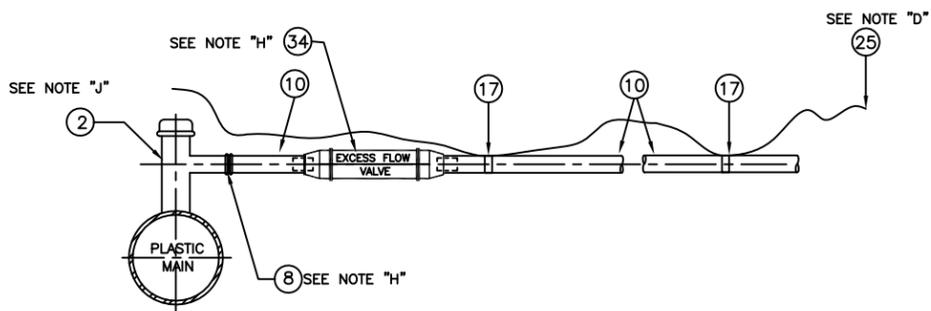
ALTERNATE INSTALLATION OF CURB VALVE FOR SERVICE RENEWALS BY REAMING THROUGH THE EXISTING CURB VALVE (SEE NOTE D)



RECOMMENDED DIRECT BURIAL INSTALLATION



ALTERNATE TEE CONNECTION



TYPICAL HP DIRECT BURIAL INSTALLATION

SEE ADDITIONAL SHEETS 2 OF 4 OF THIS DRAWING # EO-16641-A INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) GAS SERVICE PIPING, AND SHEETS 3 & 4 FOR BILL OF MATERIALS.

INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) GAS SERVICE PIPING

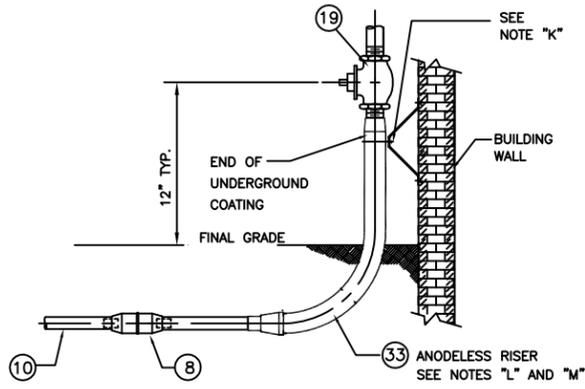
CONSOLIDATED EDISON COMPANY OF N.Y., INC.
GAS ENGINEERING DEPT

DATE 2/9/84
LAST REV. 6/22/11

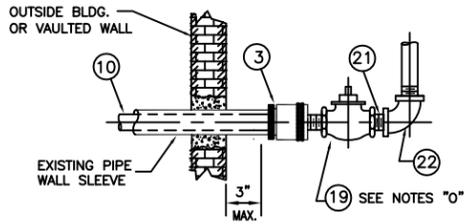
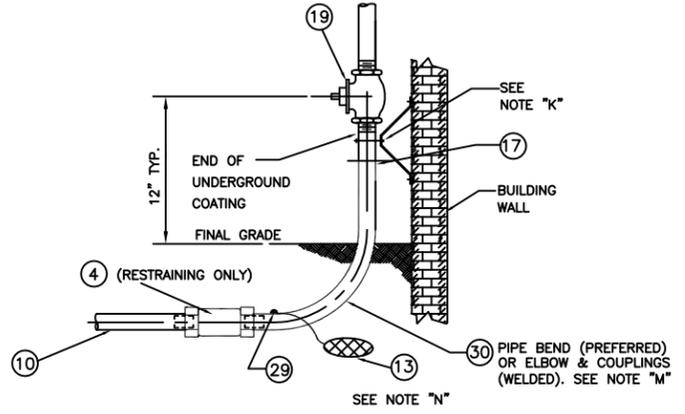
DWG. NO. **EO-16641-A** REV. **4**
SHEET 1 OF 4

REVISIONS

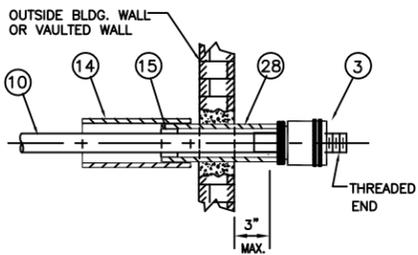
M. BALDOVIN B. DAS	2
REDRAWN BY CAD UPDATED DRAWING REVISED NOTES. ADDED SHEET #4 OF 4	
RAJ.	5/16/06
M. BALDOVIN 7/27/06	3
UPDATED DRAWING REVISED NOTES.	
C.P.	6/26/06
M. BALDOVIN 6/22/11	4
UPDATED DRAWING REVISED NOTES.	
D.J.	6/22/11



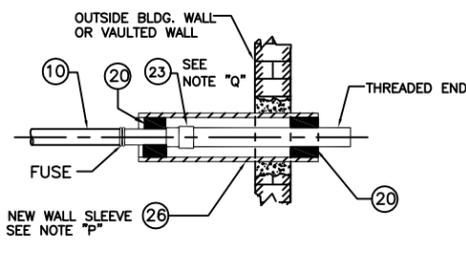
OUTSIDE CONNECTION TO CUSTOMERS PIPING



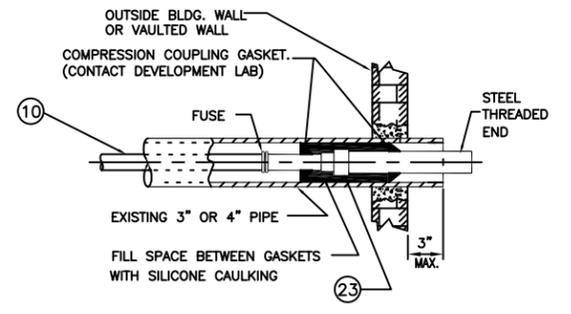
INSIDE CONNECTION TO CUSTOMERS PIPING



**INDOOR SERVICE HEAD ADAPTER
WITH NEW WALL SLEEVE UP TO 2" PE SERVICE**



**ALTERNATE CONNECTION TO
CUSTOMERS PIPING**



**INSERTION OF 2" PLASTIC INTO 3" STEEL PIPE
OR 3" PLASTIC INTO 4" STEEL PIPE**

NOTES:

- A - ALL CUSTOMER'S WORK SHALL CONFORM TO THE "REQUIREMENTS FOR GAS SERVICE INSTALLATIONS" BOOK AND ALL LOCAL CODE REQUIREMENTS.
- B - REFER TO G-8205 FOR MAGNESIUM ANODE INSTALLATION REQUIREMENTS ON UNPROTECTED STEEL GAS MAINS AND METALLIC FITTINGS.
- C - REFER TO G-8100 FOR INSTALLATION REQUIREMENTS OF SERVICE TEES ON PLASTIC MAINS. FOR LIVE 1 1/4" IPS PLASTIC MAINS, SERVICE TEE SHALL ONLY BE CONNECTED VIA ELECTROFUSION OF APPROVED MECHANICAL TEE. DO NOT SIDEWALL FUSE ON A LIVE 1 1/4" IPS PLASTIC MAIN. FOR DEAD 1 1/4" IPS PLASTIC MAINS, SERVICE TEES MAY BE CONNECTED VIA SIDEWALL FUSION, ELECTROFUSION, OR APPROVED MECHANICAL TEE.
- D - REFER TO G-8100 FOR TRACER WIRE INSTALLATION REQUIREMENTS ON DIRECT BURIED PLASTIC SERVICES, TRENCHLESS TECHNOLOGY AND INSERTED SERVICES.
- E - REFER TO G-8100 FOR EXCESS FLOW VALVE (EFV) INSTALL REQUIREMENTS. PREFERRED METHOD OF INSTALLATION IS EFV WITH STAB ENDS INTO STAB END ADAPTER ON TEE.
- F - PLASTIC CURB VALVE BOX (ITEM 5) SHALL BE USED IN SIDEWALK AND NON-PAVED AREAS; CAST IRON CURB BOX (ITEM 13) SHALL BE USED IN THE STREET.
- G - SUPPORT THE CURB VALVE BOX (ITEM 12) WITH PRE-CAST BASE (ITEM 11) OR BRICKS (ITEM 27). ENTIRE ASSEMBLY SHOULD BE ON WELL COMPACTED SOIL.
- H - REFER TO G-8100 FOR THE INSTALLATION OF PLASTIC MOLDED FITTINGS REQUIREMENTS. PLASTIC MOLDED FITTINGS CAN NEVER BE JOINED TO PLASTIC PIPE/TUBING OR OTHER MOLDED FITTINGS BY MECHANICAL FITTINGS.
- I - REFER TO G-8100 FOR INSTALLATION REQUIREMENTS OF TRANSITION FITTINGS.
- J - REFER TO G-8100 AND EO-16645-B FOR INSTALLATION REQUIREMENTS OF SERVICE CONNECTIONS TO MAINS.
- K - RISER SUPPORT TO BE INSULATED FROM PIPE WITH NEOPRENE (OR EQUIVALENT) WRAPPED AROUND PIPE.
- L - IPS PLASTIC PIPE CONNECTIONS SHALL BE BUTT FUSED WHENEVER POSSIBLE. FOR CTS PLASTIC PIPE CONNECTIONS, USE PERMASERT COUPLINGS (ITEM 8). COUPLINGS UP TO AND INCLUDING 12" SHALL ONLY BE A RESTRAINING-TYPE.
- M - REFER TO G-8100 FOR INSTALLATION REQUIREMENTS OF GAS SERVICES THAT ENTER A BUILDING THROUGH THE FLOOR; GAS SERVICES INSERTED/INSTALLED UNDER AN ENCLOSED LIVING SPACE; GAS SERVICES INSTALLED THROUGH A SUBSURFACE VAULT OR OPEN AREAWAY; GAS SERVICES INSTALLED IN AN OPEN AREA UNDERNEATH AN OUTSIDE STAIRCASE. SEE EO-16546-B, EO-4890-B, G-8096.
- N - REFER TO G-8205 FOR MAGNESIUM ANODE INSTALLATION REQUIREMENTS ON PIPE BEND AND COUPLINGS; ANODE NOT REQUIRED FOR ANODELESS RISER INSTALLATION.
- O - REFER TO G-8100 FOR SERVICE HEAD VALVE (S/H/V) INSTALLATION REQUIREMENTS.
- P - REFER TO G-8096 FOR ANNULAR SPACE SEALING REQUIREMENTS. USE TRANSITION FITTING FOR ≥1 1/4" IPS PLASTIC PIPE AND INSTALL LINK SEAL (ITEM 20). FOR 1/2" CTS - 1 1/4" CTS/IPS PLASTIC PIPE, EXTEND PLASTIC THROUGH A THREADED STEEL WALL SLEEVE (ITEM 26) AND SEAL THE ANNULAR SPACE INSIDE THE BUILDING BY INSTALLING SERVICE HEAD VALVE ADAPTER (ITEM 3). THE OUTSIDE ANNULAR SPACE SHALL BE SEALED BY USING 3M COLD SHRINK OR "SLIPSEALS" (ITEM 20).
- Q - FOR IPS PLASTIC PIPE, USE TRANSITION FITTING (ITEM 23). FOR CTS PLASTIC PIPE, USE STAB END ADAPTER (ITEM 16) AND PVC SLEEVE (ITEM 14).
- R - ALL DIRECT BURIED PLASTIC SERVICES USING 1" OR 1 1/4" CTS PLASTIC PIPE SHALL BE INSTALLED IN A SLEEVE (ITEM 14) AND SHALL ONLY BE USED FOR LOW PRESSURE SERVICES.
- S - "WARNING BURIED GAS LINES BELOW" TAPE (ITEM 31) MUST BE INSTALLED AT A MINIMUM OF 12" ABOVE THE TOP OF THE DIRECT BURIED NEW/REPLACEMENT SERVICE. WHEN NEW/REPLACEMENT SERVICES ARE INSERTED, THE TAPE IS TO BE INSTALLED IN ALL EXCAVATIONS, SUCH AS THE MAIN CONNECTION, THE CURB VALVE AND OTHER EXCAVATIONS.

SEE ADDITIONAL SHEETS 3 OF 4 AND 4 OF 4 FOR BILL OF MATERIAL

**INSTALLATION
OF PLASTIC (DIRECT BURIAL OR INSERTION)
GAS SERVICE PIPING**

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

DATE
LAST REV. 6/22/11

DWG. NO. **EO-16641-A** REV. **4**
SHEET 2 OF 4

REVISIONS

M. BALDOVIN B. DAS	0
REDRAWN BY CAD	
RAJ.	5/16/06
M. BALDOVIN 7/27/06	1
CHANGED MATERIAL LIST	
CP	6/26/06
M. BALDOVIN 6/22/11	2
CHANGED MATERIAL LIST.	
D.J.	6/22/11

ITEM NO.	CLASS & STOCK NO.	DESCRIPTION	DWG. NO. SPEC. NO.	
8		COUPLING, PLASTIC COMPRESSION (MET-FIT)		
	341 - 5775	2" IPS		
	341 - 5767	1 1/4" IPS		
	341 - 5783	1" IPS		
	341 - 3952	1 1/4" CTS		
8		COUPLING, PLASTIC TO PLASTIC (DRESSER)	G-100,285	
	337 - 9229	1 1/4" CTS		
	337 - 9237	1" CTS		
7	003 - 4215	COVER, PLASTIC PLATE	EO-14021-D	
6	020 - 1145	LOCK, CURB VALVE BOX	EO-13987-B	
5	003 - 9172	BOX, CURB VALVE, PLASTIC		
	003 - 7762	BOX, CURB VALVE, PLASTIC (UP TO 1 1/2" VALVE)	EO-16260-B	
	003 - 8729	BOX, CURB VALVE, PLASTIC (2", 3", 4" VALVE)	EO-16933-B	
	002 - 2673	CURB VALVE BOX, CONCRETE COVER (S/W)	EO-4067	
4		COUPLING COMPRESSION, METALLIC	G-100,285	
	337 - 7876	4" BOLTED		
	337 - 8700	3" BOLTED		
	337 - 8932	2" x 1 1/2" REDUCER		
	337 - 8924	2" x 1 1/4" REDUCER		
	337 - 8916	2" x 1" REDUCER		
	337 - 8106	2" CONDUCTIVE		
	337 - 8908	1 1/2" x 1 1/4" REDUCER		
	337 - 8890	1 1/2" x 1" REDUCER		
	337 - 8858	1 1/2" CONDUCTIVE		
	337 - 8882	1 1/4" x 1" REDUCER		
	337 - 8874	1 1/4" x 3/4" REDUCER		
	337 - 8098	1 1/4" CONDUCTIVE		
	337 - 8866	1" x 3/4" REDUCER		
	337 - 8841	1" CONDUCTIVE		
	337 - 8833	3/4" CONDUCTIVE		
	3		ADAPTER SERVICE HEAD	G-100,291
341 - 0958		2" FPT x 1 1/4" CTS x 1 1/2" MPT		
341 - 4786		2" FPT x 1" IPS x 1" MPT		
341 - 0941		1 1/2" FPT x 1 1/4" CTS x 1 1/2" MPT		
341 - 2467		1 1/2" FPT x 1 1/4" CTS x 1 1/4" MPT		
337 - 6480		1 1/2" FPT x 1" CTS x 1 1/2" MPT		
337 - 7330		1 1/4" FPT x 1" CTS x 1 1/2" MPT		
341 - 2186		1 1/4" FPT x 1" CTS x 1 1/4" MPT		
337 - 6035		1 1/4" FPT x 1/2" CTS x 1 1/4" MPT		
337 - 5631		1" FPT x 1/2" CTS x 1" MPT		
337 - 1648		3/4" FPT x 1/2" CTS x 1" MPT		
341 - 1022		3/4" FPT x 1/2" CTS x 3/4" MPT		
341 - 2764		1 1/2" THD. INLET x 1 1/4" CTS. PLAST. OUTLET INNER-TITE		
341 - 2756		1 1/4" THD. INLET x 1" CTS. PLAST. OUTLET INNER-TITE		
2			ELECTROFUSION FITTING - TAPPING TEE	G-8104
		341 - 5643	2" IPS x 1" IPS CENTRAL PLASTICS - HDPE	
		341 - 5635	2" IPS x 1/2" CTS CENTRAL PLASTICS - HDPE	
	341 - 5627	1 1/4" IPS x 1" IPS CENTRAL PLASTICS - HDPE		
	341 - 5619	1 1/4" IPS x 1/2" CTS CENTRAL PLASTICS - HDPE		
		SIDEWALL FUSION PLASTIC BODY-TAPPING TEE		
	341 - 3788	12" MAIN x 2" IPS OUTLET		
	341 - 3879	12" MAIN x 1 1/4" CTS OUTLET		
	341 - 4760	12" MAIN x 1/2" CTS OUTLET		
	341 - 4125	10" MAIN x 2" IPS OUTLET		
	341 - 4166	10" MAIN x 1 1/4" IPS OUTLET		
	341 - 2798	8" MAIN x 2" IPS OUTLET		
	341 - 3887	8" MAIN x 1 1/4" CTS OUTLET		
	341 - 2780	8" MAIN x 1" IPS OUTLET		
	341 - 4604	8" MAIN x 1/2" CTS OUTLET		
	341 - 1121	6" MAIN x 2" IPS OUTLET		
	341 - 3895	6" MAIN x 1 1/4" CTS OUTLET		
341 - 2145	6" MAIN x 1" IPS OUTLET			
341 - 4612	6" MAIN x 1/2" CTS OUTLET			
341 - 2202	4" MAIN x 2" IPS OUTLET			
341 - 3903	4" MAIN x 1 1/4" CTS OUTLET			
341 - 1139	4" MAIN x 1" IPS OUTLET			
341 - 4596	4" MAIN x 1/2" CTS OUTLET			
341 - 2194	3" MAIN x 2" IPS OUTLET			
341 - 3911	3" MAIN x 1 1/4" CTS OUTLET			
341 - 1147	3" MAIN x 1" IPS OUTLET			
341 - 1154	2" MAIN x 1" IPS OUTLET			
341 - 3291	2" MAIN x 1/2" CTS OUTLET			
341 - 1162	1 1/4" MAIN x 1" IPS OUTLET			
341 - 3283	1 1/4" MAIN x 1/2" CTS OUTLET			
1		TEE PLASTIC TO METAL (BRASS BASED)	EO-16645-B	
	341 - 4794	2" x 2" IPS		
	341 - 4505	2" x 1 1/4" CTS		
	341 - 4521	2" x 1" CTS		
	341 - 4588	1 1/2" x 1 1/4" CTS		
	341 - 4513	1 1/2" x 1" CTS		
	341 - 4463	1 1/2" x 1" CTS		
	341 - 4471	1 1/4" x 1" CTS		
		TEE METALLIC BODY		
	337 - 5763	2" WELD INLET x 2" INSUL.COMP. OUTLET		
	337 - 6811	2" THD. INLET x 2" PLAIN OUTLET		
337 - 5789	2" THD. INLET x 2" INSUL.COMP. OUTLET			
337 - 6449	1 1/4" WELD. INLET x 1 1/4" WELD OUTLET			
337 - 6852	1 1/4" THD. INLET x 1 1/4" PLAIN OUTLET			
337 - 6910	1" THD. INLET x 1" COMP OUTLET			
337 - 5656	1" THD. INLET x 1" INSUL.COMP. OUTLET			
337 - 6431	1" WELD INLET x 3/4" INSUL.COMP. OUTLET			
337 - 7686	3/4" WELD INLET x 1" COMP OUTLET SELF TAPPING FOR MP & HP USE ONLY			

BILL OF MATERIAL

NOTE:

SEE SHEETS NO 1 OF 4 AND 2 OF 4 OF THIS DRAWING # EO-16641 INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) TO INDOOR / OUTDOOR METER, GAS SERVICE PIPING.

CONST. STDS.
VOLUME 2

CONTNUED ON SHEET 4 OF 4

ITEM NO.	CLASS & STOCK NO.	DESCRIPTION	DWG. NO. SPEC. NO.
18	686 - 0134	ROCK SHIELD, PLASTIC MESH	
17	596 - 2436	TAPE, ELECTRICAL P.V.C.	
16		ADAPTER W/STIFFENER, STAB END	G-100,291
	341 - 4075	2" IPS x 1 1/4" CTS	
	341 - 0925	1 1/2" IPS x 1 1/4" CTS	
	341 - 3341	1 1/4" IPS x 1 1/4" CTS	
	341 - 2178	1 1/4" IPS x 1" CTS	
	337 - 6027	1 1/4" IPS x 1/2" CTS	
15		BUSHING END PROTECTOR	
	341 - 2269	2" IPS	
	341 - 2251	1 1/2" IPS	
	341 - 2244	1 1/4" IPS	
14		SLEEVE, PROTECTIVE, PVC:	
	341 - 0974	3" OD WITH 2" SLOT	
	341 - 0966	3" OD WITH 1 1/2" SLOT	
	341 - 0800	2" OD WITH 1" SLOT	
13		ANODE MAGNESIUM:	G-8102
	079 - 0048	32 LBS	
	079 - 0030	17 LBS	
	079 - 0014	3 LBS	
12		BOX, CURB VALVE:	EO-4045-C
	003 - 9172	WHITE PLASTIC WITH YELLOW COVER	
	003 - 9602	CAST IRON C/V BOX EXTENSION	
	003 - 3365	BOX, CURB VALVE, CI 24"	
11	002 - 5114	BASE, CURB VALVE	EO-9241-D
10		PIPE AND TUBING, PLASTIC	G-8104
	328 - 0641	12" IPS (40' LENGTHS)	
	328 - 0849	12" IPS (20' LENGTHS)	
	328 - 0518	8" IPS (40' LENGTHS)	
	328 - 0559	8" IPS (20' LENGTHS)	
	328 - 0401	6" IPS (40' LENGTHS)	
	328 - 0567	6" IPS (20' LENGTHS)	
	328 - 0393	4" IPS (40' LENGTHS)	
	328 - 0575	4" IPS (20' LENGTHS)	
	328 - 0690	4" IPS (500' COIL)	
	328 - 0385	3" IPS (40' LENGTHS)	
	328 - 0583	3" IPS (20' LENGTHS)	
	328 - 0708	3" IPS (500' COIL)	
	328 - 0591	2" IPS (20' LENGTHS)	
	328 - 0377	2" IPS (500' COIL)	
	328 - 0369	1 1/4" IPS (500' COIL)	
	328 - 0351	1" IPS (500' COIL)	
360 - 0954	1 1/4" CTS (500' COIL)		
360 - 0988	1" CTS (500' COIL)		
360 - 0947	1/2" CTS (500' COIL)		
9		VALVE, PLASTIC	G-100,298
	379 - 7198	12" IPS FULL PORT	
	379 - 2939	8" IPS FULL PORT	
	379 - 2921	6" IPS FULL PORT	
	379 - 7271	4" IPS FULL PORT	
	379 - 7412	3" IPS FULL PORT	
	379 - 4229	2" IPS	
374 - 2657	1 1/4" IPS W/PERMASERT TYPE ENDS		
374 - 2749	1 1/4" CTS W/PERMASERT TYPE ENDS		
374 - 2665	1" IPS W/PERMASERT TYPE ENDS		
374 - 2731	1" CTS W/PERMASERT TYPE ENDS		
374 - 2798	1/2" CTS W/PERMASERT TYPE ENDS		
8		COUPLING - ELECTROFUSION	
	341 - 4976	8" IPS CENTRAL PLASTICS	
	341 - 4182	6" IPS CENTRAL PLASTICS	
	341 - 4190	4" IPS CENTRAL PLASTICS	
	341 - 4208	3" IPS CENTRAL PLASTICS	
	341 - 4216	2" IPS CENTRAL PLASTICS	
	341 - 4174	1 1/4" IPS CENTRAL PLASTICS	
	341 - 4224	1" IPS CENTRAL PLASTICS	
	341 - 5429	12" IPS FRIATEC	
	341 - 5411	8" IPS FRIATEC	
	341 - 5395	6" IPS FRIATEC	
	341 - 5379	4" IPS FRIATEC	
	341 - 5403	3" IPS FRIATEC	
	341 - 5387	2" IPS FRIATEC	
341 - 5916	1 1/4" IPS FRIATEC		
341 - 5908	1" IPS FRIATEC		
341 - 5866	1/2" CTS FRIATEC		
8		COUPLING, PERMASERT	G-8104
	341 - 4836	1 1/4" CTS	
	341 - 4877	1" CTS	
		1/2" CTS	

INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) GAS SERVICE PIPING
BILL OF MATERIAL

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

DATE 5/16/06
LAST REV. 6/22/11

DWG. NO. EO-16641-A REV. 2
SHEET 3 OF 4

REVISIONS

M. BALDOVIN B. DAS	0
REDRAWN BY CAD	
RAJ.	5/16/06
M. BALDOVIN 7/27/06	1
UPDATED MATERIAL LIST	
C.P.	6/26/06
M. BALDOVIN 6/22/11	2
UPDATED MATERIAL LIST	
D.J.	6/22/11

31	024 - 6660	TAPE, "WARNING GAS LINES BELOW"	G-8100
30		BEND, PIPE, RISER:	
	003 - 0700	2" IPS	
	003 - 1047	3" IPS	
29	058 - 3534	THERMIT WELD: FOR STEEL.	G-100,279
28		SLEEVE,WALL,SCH.40,STEEL.THREAD ONE END	
27	000 - 0372	BRICK, NO.1 COMMON RED:	
26		SLEEVE,WALL,SCH.40,STEEL OR P.V.C. PIPE.	G-8096
25	563 - 0199	WIRE, PLASTIC COATED COPPER,RED,NO.14	
	563 - 1361	WIRE, PLASTIC COATED COPPER,RED,NO.10	
24		REDUCER,PLASTIC:	G-8104
	341 - 1220	2" IPS x 1 1/4" IPS	
	341 - 1170	2" IPS x 1 1/4" CTS	
	341 - 2749	1" IPS x 1 1/4" CTS	
	341 - 2079	1" IPS x 1" CTS	
	341 - 1196	1" IPS x 1/2" CTS	
23		FITTING, TRANSITION, PLASTIC TO STEEL, THREADED END	G-8104
	341 - 4414	4" IPS x 4" IPS	
	341 - 4356	3" IPS x 3" IPS	
	341 - 4349	2" IPS x 2" IPS	
	341 - 4331	1 1/4" IPS x 1 1/4" IPS	
	341 - 4323	1" IPS x 1" IPS	
		FITTING, TRANSITION, PLASTIC TO STEEL, BEVELED END	
	341 - 3820	12" IPS x 12" IPS	
	341 - 1113	10" IPS x 10" IPS	
	341 - 2822	8" IPS x 8" IPS	
	341 - 1063	6" IPS x 6" IPS	
	341 - 1071	4" IPS x 4" IPS	
	341 - 1089	3" IPS x 3" IPS	
	341 - 1097	2" IPS x 2" IPS	
	341 - 1105	1 1/4" IPS x 1 1/4" IPS	
241 - 1113	1" IPS x 1" IPS		
341 - 2152	1/2" IPS x 1/2" CTS		
22		ELBOW, THREADED END	ANSI B 16.3
	332 - 1080	3"	
	332 - 1049	2"	
	332 - 1023	1 1/2"	
	332 - 1007	1 1/4"	
	332 - 0983	1"	
	332 - 1429	3/4"	
21		NIPPLE,STEEL,SHOULDER.SCH.80	ASTM A53 GR B
	330 - 1694	4" x 4" LONG	
	330 - 1629	3" x 4" LONG	
	330 - 1322	2" x 3 1/2" LONG	
	330 - 3286	1 1/2" x 2 1/2" LONG	
	330 - 2999	1 1/4" x 2" LONG	
	330 - 0837	1" x 2 1/2" LONG	
	330 - 0662	3/4" x 2" LONG	
20		SEAL, LINK	G-100,237
	341 - 0776	12" x 16" (12 LINKS)	
	341 - 1030	10" x 16" (10 LINKS)	
	341 - 1006	8" x 12" (12 LINKS)	
	341 - 1006	6" x 10" (10 LINKS)	
	341 - 0750	4" x 6" (10 LINKS)	
	341 - 0750	3" x 5" (6 LINKS)	
	341 - 0750	2" x 4" (6 LINKS)	
	NON - STOCK	1 1/4" x 3" (8 LINKS)	
	341 - 0750	1" x 3" (4 LINKS)	
		3M COLD SHRINK	
	341 - 5676	1" x 3/4" (WILL ALSO SEAL 1" x 1/2")	
	341 - 5684	1 1/2" x 1 1/4" (WILL ALSO SEAL 1 1/2" x 1 1/4")	
341 - 5692	2" x 1 1/2" (WILL ALSO SEAL 2" x 1 1/4")		
341 - 5700	3" x 2" (WILL ALSO SEAL 3" x 1 1/2" ,BUT NOT 1 1/4")		
19		VALVE, PLUG, SERVICE HEAD	G-100,298
	374 - 2319	12" FLANGED END	
	374 - 2772	10" FLANGED END	
	374 - 2293	8" FLANGED END	
	374 - 2277	6" FLANGED END	
	374 - 2335	4" FLANGED END	
	374 - 2103	4" THREADED END	
	374 - 1345	3" FLANGED END	
	374 - 0354	3" THREADED END	
	374 - 0321	2" THREADED END	
	374 - 2095	1 1/2" THREADED END	
	374 - 2434	1 1/4" THREADED END	
	374 - 0248	1" THREADED END	
374 - 2350	3/4" THREADED END		

BILL OF MATERIAL
CONTINUED FROM SHEET 3 OF 4

35		SIDEWALL FUSION TAPPING TEE w/EFV & PERMASERT END	G-8104
	341 - 5452	12" MAIN x 1/2" CTS OUTLET	
	341 - 5460	8" MAIN x 1/2" CTS OUTLET	
	341 - 5478	6" MAIN x 1/2" CTS OUTLET	
	341 - 5486	4" MAIN x 1/2" CTS OUTLET	
	341 - 5494	2" MAIN x 1/2" CTS OUTLET	
341 - 5445	1 1/4" MAIN x 1/2" CTS OUTLET		
34		EXCESSFLOW VALVES	G-8100
	341 - 5528	1" IPS x 1/2" CTS x 1" IPS (STAB ENDS)	
	337 - 9492	3/4" IPS x 1/2" CTS x 3/4" IPS (STAB ENDS)	
	341 - 4893	1/2" CTS WITH PERMESRT ENDS	
341 - 4844	1" IPS WITH BLANK ENDS		
33		BEND, ANODELESS RISER	G-8104
	341 - 5601	4" IPS x 4" IPS FLANGED	
	341 - 5585	4" IPS x 4" IPS THREADED	
	341 - 5593	3" IPS x 3" IPS FLANGED	
	341 - 5577	3" IPS x 3" IPS THREADED	
	341 - 5304	2" IPS x 2" IPS	
	341 - 5023	1" IPS x 1" IPS	
	341 - 3747	1 1/4" CTS x 1 1/2" IPS	
	341 - 3739	1" CTS x 1" IPS	
341 - 3721	1/2" CTS x 1" IPS		
32		ELBOW, PLASTIC, 90 DEGREES, " MET-FIT "	G-8100
	341 - 3994	1 1/4" CTS	
	341 - 3986	1" CTS	
	341 - 3978	1/2" CTS	
		ELBOW, PLASTIC, 90 DEGREES, " PERMASERT "	
	341 - 4810	1 1/4" CTS	
	341 - 4802	1" CTS	
	341 - 4828	1/2" CTS	
		ELBOW, PLASTIC, 90 DEGREES	
	341 - 3796	12" IPS	
341 - 4141	10" IPS		
341 - 3044	8" IPS		
341 - 2095	6" IPS		
341 - 1337	4" IPS		
341 - 1345	3" IPS		
341 - 1352	2" IPS		
341 - 1360	1 1/4" IPS		
341 - 1378	1" IPS		
	ELBOW, PLASTIC, 45 DEGREES		
341 - 3804	12" IPS		
341 - 2806	8" IPS		
341 - 2160	6" IPS		
341 - 2111	4" IPS		
341 - 2103	3" IPS		

BILL OF MATERIAL

NOTES :

SEE SHEETS NO1 OF 4 AND 2 OF 4 OF THIS DRAWING # EO-16641 INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) GAS SERVICE PIPING.

INSTALLATION OF PLASTIC (DIRECT BURIAL OR INSERTION) GAS SERVICE PIPING
BILL OF MATERIAL

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

DATE 5/16/06
LAST REV. 6/22/11

DWG. NO. **EO-16641-A** REV. **2**
SHEET 4 OF 4