

MULTIPLEX SERVICE CABLE (SELF SUPPORTING) FOR NEW PREMISES

SEE SHEET 2 OF 7 FOR ALTERNATE CONSTRUCTION DETAILS FOR POINT OF ATTACHMENT ON NEW AND EXISTING PREMISES.

WEATHER HEAD TO BE INSTALLED ABOVE POINT OF ATTACHMENT. WHERE IT IS IMPRACTICAL TO LOCATE THE WEATHER HEAD ABOVE THE POINT OF ATTACHMENT, THE WEATHER HEAD LOCATION SHALL BE PERMITTED NOT FARTHER THAN 24 INCHES FROM THE POINT OF ATTACHMENT AND DRIP LOOPS ARE TO BE FORMED ON INDIVIDUAL CONDUCTORS. THE WEATHER HEAD ON THE SERVICE STANDPIPE SHALL BE TURNED DOWNWARD. WHEN WEATHER HEAD IS ABOVE THE POINT OF ATTACHMENT, POINT OF ATTACHMENT MAY BE LOCATED ON DIFFERENT PLANES OF PREMISES, BUT SHALL NOT BE FARTHER THAN A LINEAR DISTANCE OF 2 FT FROM WEATHER HEAD.

5/8" GALVANIZED THROUGH BOLTS (USED TO ATTACH SELF-SUPPORTING MULTIPLEX SERVICE CABLE OR SECONDARY BRACKET FOR OPEN WIRE CABLE) SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CUSTOMER.

SERVICE ENTRANCE CONDUCTORS SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CUSTOMER AND ARE TO HAVE 18 INCHES OF SLACK.

CONNECTOR (SEE NOTES 9 TO 12 ON SHEET 7 OF 7)

A SUFFICIENT DRIP LOOP SHALL BE PRESENT TO PREVENT WATER INGRESS.

TWO GALVANIZED NUTS FOR 5/8" BOLTS

SERVICE CONDUCTORS SHALL BE INSTALLED BY CON EDISON.

SERVICE INSULATOR BAIL BY CON EDISON

SEE CONSTRUCTION NOTE 14

-4" C/S# 597-0330

-8" C/S# 597-0322

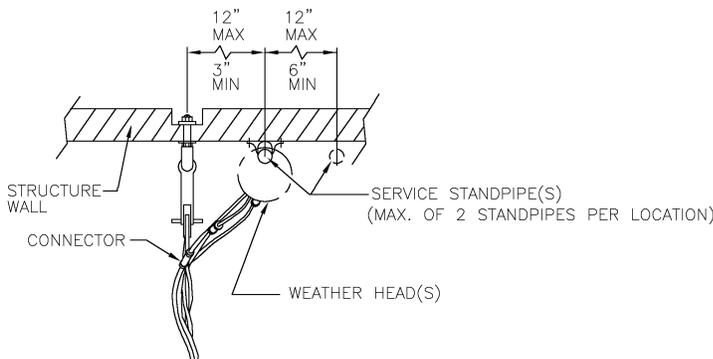
ATTACHMENT MUST BE A MINIMUM OF 16'-0" ABOVE SIDEWALK GRADE (12'-0" IN WESTCHESTER AS PER EO-8746-B). IF STRUCTURE IS NOT OF SUFFICIENT HEIGHT, THE POINT OF ATTACHMENT SHALL BE PROVIDED BY THE CUSTOMER AND SHALL MEET THE APPROVAL OF CON EDISON. REFER TO EO-4647-C.

ATTACHMENT NOTE

FOR POINT OF ATTACHMENT ON NEW PREMISES, CUSTOMER SHALL INSTALL EYELET, EYENUT, OR CLEVIS. SEE TABLE 2, ITEMS 1-6 FOR APPROVED EYELETS' EYENUTS, AND CLEVISES. FOR EXISTING PREMISES SEE SHEET 2 OF 7. MAINTAIN APPROPRIATE CLEARANCES AS SPECIFIED ON SHEET 5 OF 7.

SIDE VIEW

SERVICE STANDPIPE AND WEATHER HEAD SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CUSTOMER. A MAXIMUM OF TWO STANDPIPES SHALL BE INSTALLED AT ANY ONE LOCATION.



PLAN VIEW

(FOR CABLE CONFIGURATION AND MAXIMUM SPAN, SEE TABLE 1)

TABLE 1

MULTIPLEX WIRE MAXIMUM SERVICE LENGTH AND SAG	
SERVICE	LENGTH - SAG (IN FEET)
3-1/0 AL	130 - 3
4-1/0 AL	128 - 4
3-4/0 AL	110 - 4
4-4/0 AL	102 - 4

SERVICE CONDUCTOR MAX. SPAN BY SIZE AND TYPE

TABLE 2 - APPROVED EYELETS, EYENUTS, CLEVISES, AND WIREHOLDERS

ITEM	EYELET AND SPOOL	C/S#	MACLEAN POWER SYS.	HUBBELL
1	STANDARD EYELET FOR 5/8" BOLT	007-0904	J1126	B14A
2	ANGLE TYPE EYELET	007-9632	J6500	0100
3	SWIVEL CLEVIS		J1626	1948M
4	STANDARD EYENUT FOR 5/8" BOLT		J1092 ENL-5	6502
5	DEAD END CLEVIS		J0313	461
			J0342	468
			J93	469
			J1394	PS7820
				0340
	0341			
	0322			
6*	OVAL EYE BOLT			
7	LAGGED CLEVIS WIREHOLDER		J075	0192
8	PORCELAIN WIREHOLDER		J089	31146
9	PLASTIC WIREHOLDER		J089Z	C2070140
				C2070140G

* FOR NEW PREMISES, USE WASHER AND NUT ON INTERIOR AND EXTERIOR OF STRUCTURE

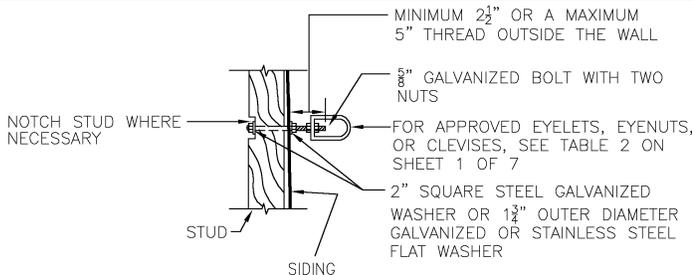
No.	REVISIONS	PROJ. ENGR	DATE
22	EDITED TITLE FOR AND INSERTED ITEM 4 TO TABLE 2 EDITED TEXT FOR POINT OF ATTACHMENT IN SIDE VIEW EDITED TEXT FOR WEATHER HEAD IN SIDE VIEW ADDED C/S#S FOR SERVICE INSULATOR BAIL 2FT LINEAR DISTANCE FROM WEATHER HEAD ON DIFFERENT PLANES	R. DOMINGUEZ	09/28/12
	K.TORO		09/28/12

CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS	CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT		
	DATE 3/24/53 LAST REV. 09/28/12	DWG. NO. EO-6218-B	REV. 22 SH. 1 OF 7

No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED
22	SEE ABOVE REVISION BOX	R. DOMINGUEZ	09/28/12	J.T. ABRUSCATO	4/14/04			MAGGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER
				DISCIPLINE CODE	SCALE	LUIS ORTEGA PROJECT ENGINEER		

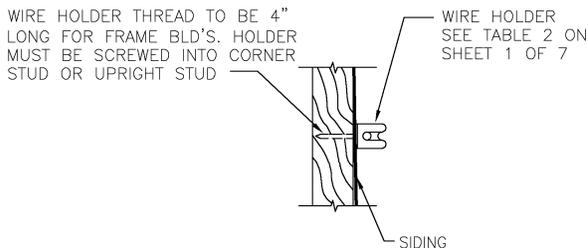
ATTACHMENT DETAILS FOR MULTIPLEX SERVICES AT PREMISES INSTALLED AND MAINTAINED BY CUSTOMER

NEW PREMISES CONSTRUCTION

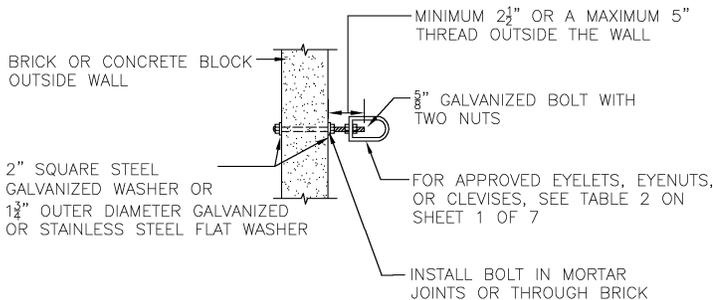


**WOOD FRAME WITH SIDING OR BRICK VENEER APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**

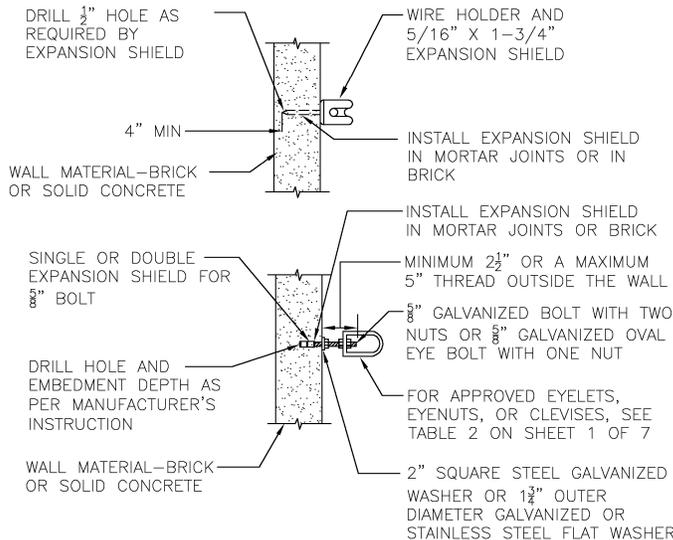
EXISTING PREMISES CONSTRUCTION



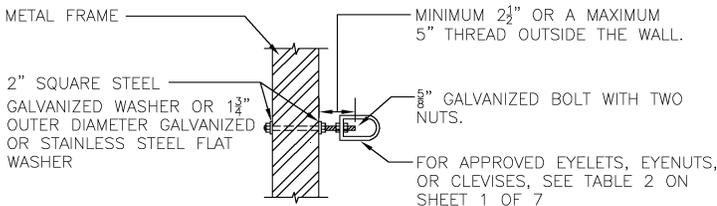
**WOOD FRAME WITH SIDING OR BRICK VENEER APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**



**BRICK AND MASONRY APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**



**BRICK AND MASONRY APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**

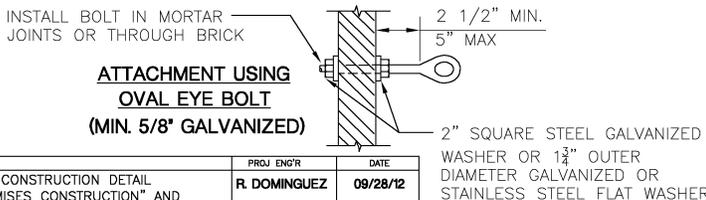


**METAL FRAME APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**

USE NEW PREMISES CONSTRUCTION

**METAL FRAME APPLICATIONS
FOR SINGLE BOLT CONSTRUCTION**

ALTERNATE METHOD FOR NEW OR EXISTING PREMISES



No.	REVISIONS	PROJ. ENG'R	DATE
22	REMOVED MASONRY BUILDING FOR SINGLE BOLT CONSTRUCTION DETAIL CHANGED CONSTRUCTION DETAILS TO "NEW PREMISES CONSTRUCTION" AND "EXISTING PREMISES CONSTRUCTION" ADDED EYELET/EYENUT/CLEVIS AND NOTE TO DETAILS CHANGED MAXIMUM THREAD OUTSIDE WALL TO 5" FOR NEW PREMISES CONSTRUCTIONS K.TORO	R. DOMINGUEZ	09/28/12

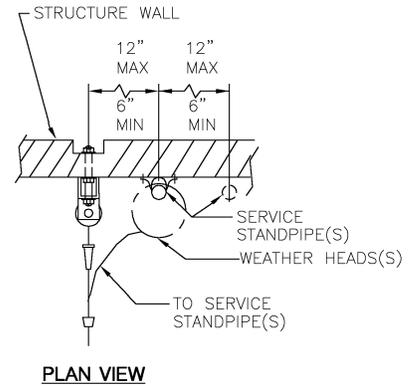
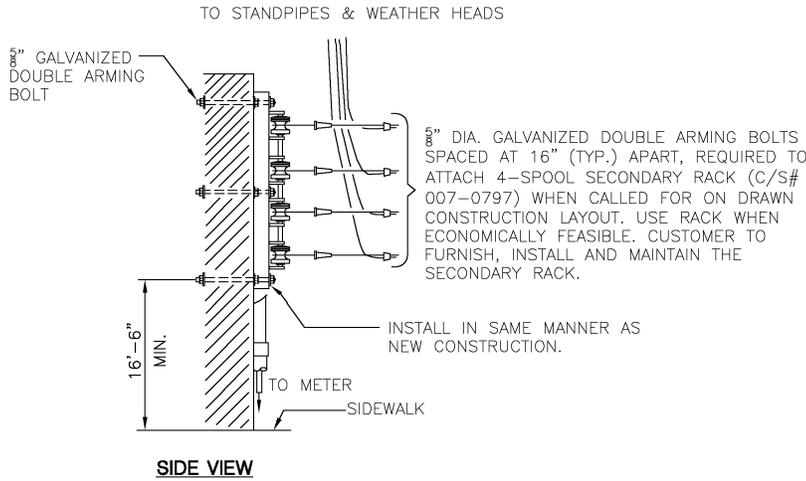
CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS

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

DATE 3/24/53	DWG. NO. EO-6218-B	REV. 22	SH. 2 OF 7
LAST REV. 09/28/12			

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No. 22	REVISIONS SEE ABOVE REVISION BOX	PROJ. ENG'R R. DOMINGUEZ	DATE 09/28/12	DRAWN BY J.T. ABRUSCATO	DATE 4/14/04	CHECKED BY	DATE	APPROVED MAGGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER	DATE
					DISCIPLINE CODE	SCALE			LUIS ORTEGA PROJECT ENGINEER	DATE

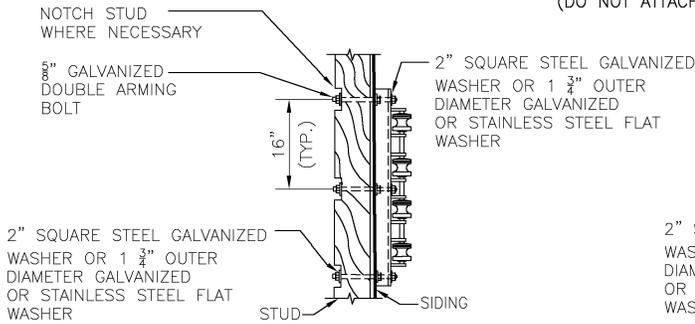
ATTACHMENT DETAILS FOR NEW OR EXISTING SERVICES ONLY WHEN CAPACITY OF 4/0 ALUMINUM MULTIPLEX SERVICE HAS BEEN EXCEEDED (USE ONLY WHEN COST EFFECTIVE)



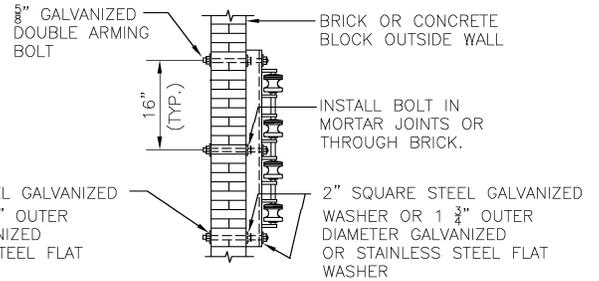
(FOR CABLE CONFIGURATION AND MAXIMUM SPAN, SEE TABLE 3)

OPEN WIRE SERVICE CABLE (RACK CONSTRUCTION)

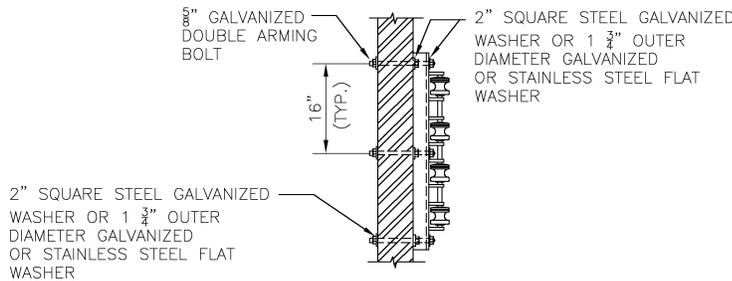
(DO NOT ATTACH RACK TO PIPE MAST)



WOOD FRAME WITH SIDING OR BRICK VENEER APPLICATIONS FOR SECONDARY RACK CONSTRUCTION



BRICK AND MASONRY APPLICATIONS FOR SECONDARY RACK CONSTRUCTION



METAL FRAME APPLICATIONS FOR SECONDARY RACK CONSTRUCTION

TABLE 3

OPEN WIRE RACK CONSTRUCTION MAXIMUM SERVICE LENGTH AND SAG	
SERVICE	LENGTH - SAG (IN FEET)
3-4/0 CU	105 - 4
4-4/0 CU	100 - 4

SERVICE CONDUCTOR MAX. SPAN BY SIZE AND TYPE

No.	REVISIONS	PROJ. ENGR	DATE
22	EDITED TITLE CHANGED TO "STRUCTURE WALL" IN PLAN VIEW ADDED 5/8" GALVANIZED DOUBLE ARMING BOLT ADDED MIN. HEIGHT TO SIDE VIEW	R. DOMINGUEZ	09/28/12
K.TORO		09/28/12	

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

CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS

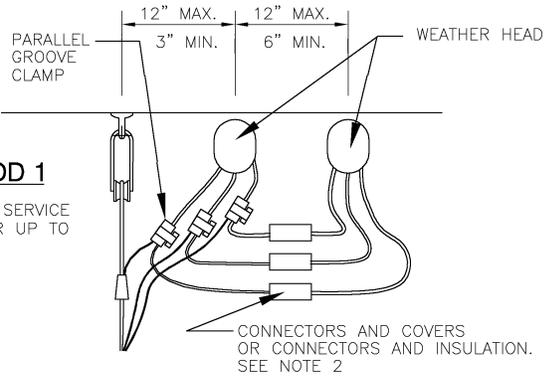
DATE 3/24/53	DWG. NO. EO-6218-B	REV. 22	SH. 3 OF 7
LAST REV. 09/28/12			

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED
	22	SEE ABOVE REVISION BOX	R. DOMINGUEZ	09/28/12	J.T. ABRUSCATO	4/14/04			
									LUIS ORTEGA PROJECT ENGINEER

SINGLE LATERAL SERVICE TO TWO WEATHER HEADS OR SERVICE ENTRANCE HEADS

METHOD 1

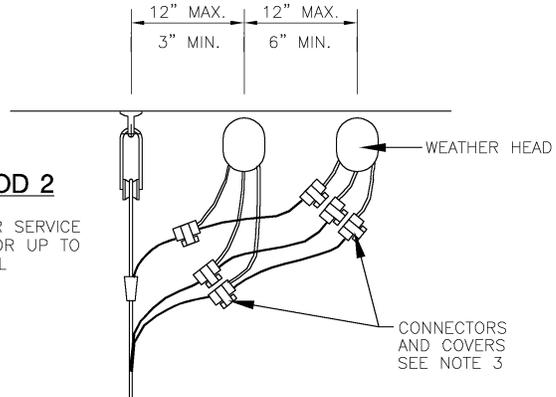
CUSTOMER SERVICE CONDUCTOR UP TO 750 KCMIL



PLAN VIEW

METHOD 2

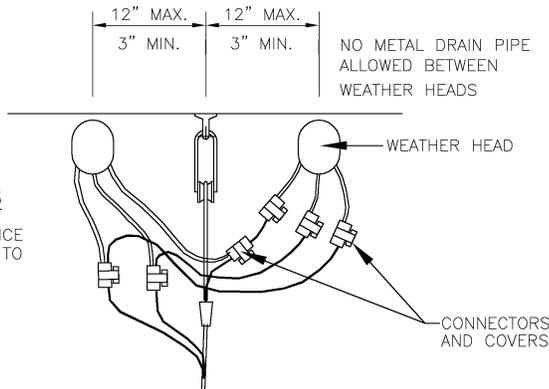
CUSTOMER SERVICE CONDUCTOR UP TO 750 KCMIL



PLAN VIEW

METHOD 3

CUSTOMER SERVICE CONDUCTOR UP TO 750 KCMIL



PLAN VIEW

CONSTRUCTION NOTES: SINGLE LATERAL SERVICE TO TWO WEATHER HEADS OR SERVICE ENTRANCE HEADS

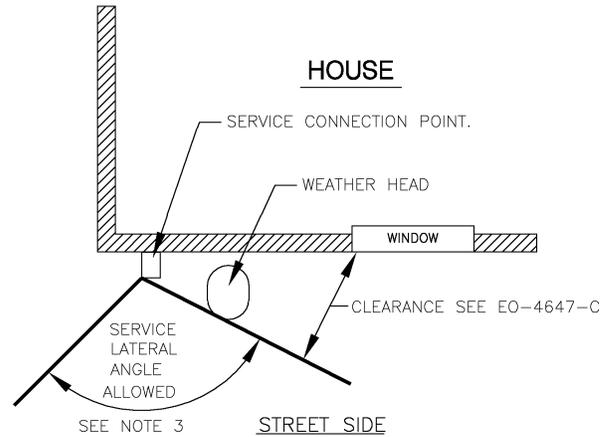
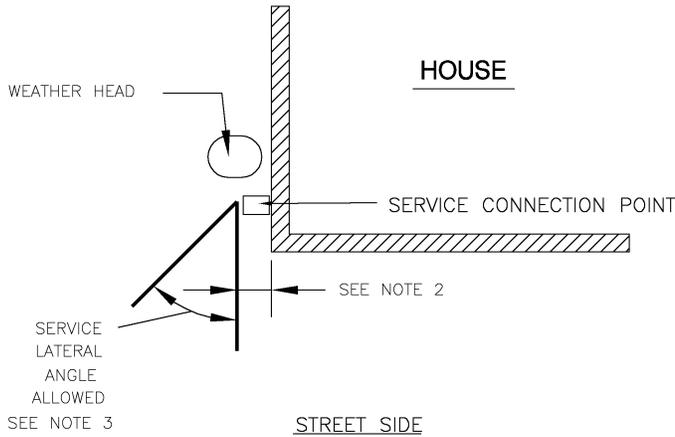
1. THIS SPECIAL METHOD 1 THROUGH 3 ARE FOR SITUATIONS WHEN TWO CUSTOMER WEATHER HEADS ARE WITHIN 12" TO 24" OF ONE ANOTHER. PREFERRED CONSTRUCTION IS TO HAVE TWO INDEPENDENT SERVICE CONDUCTORS SUPPLYING CUSTOMER WEATHER HEAD.
2. WHEN CONNECTING SERVICE CONDUCTORS TOGETHER FOR METHOD 1, COMPRESSION CONNECTORS, EITHER FULLY INSULATED, INSULATED WITH HEAT SHRINK SLEEVES, OR RUBBER CEMENT WITH 4 LAYERS RUBBER TAPE AND 2 LAYERS PVC TAPE SHALL BE UTILIZED TO JOIN THE CUSTOMER'S SERVICE CONDUCTORS OF UP TO 750 KCMIL. PARALLEL GROOVE CLAMPS OR FIRED-ON WEDGE CONNECTORS WITH COVERS SHALL BE USED TO MAKE CONNECTIONS BETWEEN UP TO 750 KCMIL, PARALLEL GROOVE CLAMPS OR FIRED-ON WEDGE CONNECTORS WITH COVERS SHALL BE CON EDISON'S SERVICE DROP AND CUSTOMERS' SERVICE CONDUCTORS.
3. WHEN MAKING THE CONNECTION FOR METHOD 2, THE SERVICE CONDUCTOR FARTHER FROM THE ATTACHMENT POINT SHALL BE CONNECTED TO THE END OF THE SERVICE CONDUCTOR. THE CLOSER SERVICE CONDUCTOR SHALL THEN TAP ONTO THE SAME SERVICE CONDUCTOR.
4. WHEN SKINNING THE INSULATION FROM THE SERVICE CONDUCTOR, ONLY ENOUGH INSULATION IS TO BE REMOVED TO MAKE THE CONNECTION AND ENSURE NO BARE CONDUCTOR IS EXPOSED WHEN CONNECTOR COVER IS INSTALLED.
5. WHEN THE CUSTOMER CABLE IS LARGER THAN 300 KCMIL, AND UP TO 750 KCMIL, AMPACT CONNECTORS (SPECIFIED IN TABLE 4 ON SHEET 6 OF 7) SHALL BE UTILIZED TO MAKE THE FINAL CONNECTION BETWEEN CON EDISON'S SERVICE CONDUCTORS AND THE CUSTOMER'S SERVICE ENTRANCE CONDUCTORS.
6. COPPER CONDUCTOR SHALL BE INSTALLED BELOW ALUMINUM CONDUCTOR AT CONNECTION POINT.

No.	REVISIONS	PROJ. ENGR	DATE
22	EDITED LAYOUT OF CONSTRUCTION NOTES CHANGED ALL "kcmil" TO "KCMIL"	R. DOMINGUEZ	09/28/12
	K. TORO	09/28/12	

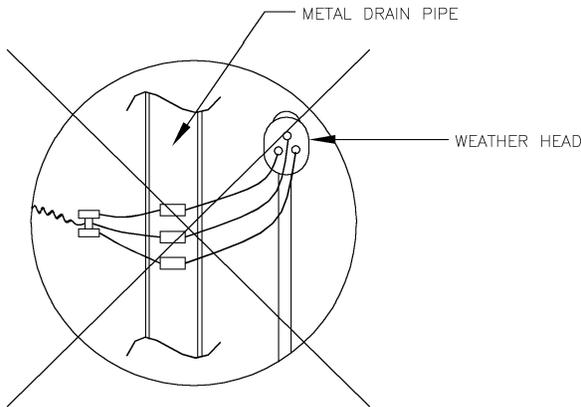
CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS	CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT		
	DATE 3/24/53 LAST REV. 09/28/12	DWG. NO. EO-6218-B	REV. 22 SH. 4 OF 7

No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED
22	SEE ABOVE REVISION BOX	R. DOMINGUEZ	09/28/12	J.T. ABRUSCATO	4/14/04			MAGGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER
								LUIS ORTEGA PROJECT ENGINEER

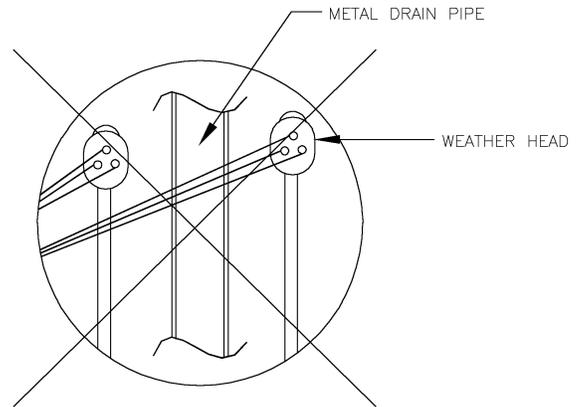
WEATHER HEAD AND POINT OF ATTACHMENT BELOW ROOF LINE (PLAN VIEW)



NOT ALLOWED
SEE NOTE 1



NOT ALLOWED
SEE NOTE 1



NOTES FOR WEATHER HEAD AND P.O.A. BELOW ROOF LINE

1. NO METAL DRAIN PIPE ALLOWED BETWEEN WEATHER HEADS OR WEATHER HEAD AND SERVICE CONNECTION POINT.
2. SERVICE CONDUCTORS TRAVELING TO THE POLE SHALL BE NO LESS THAN 3" FROM THE EDGE OF A BUILDING OR RAIN GUTTER DOWN SPOUT.
3. NEW SERVICE CONDUCTORS ARE NOT TO TRAVEL OVER ADJACENT CUSTOMERS PROPERTY AND WILL LIMIT HOW FAR DIAGONALLY A SERVICE CAN TRAVEL FROM A CUSTOMER SERVICE CONNECTION POINT TO A POLE. IF THE SERVICE CONDUCTOR CANNOT TRAVEL DIRECTLY TO THE POLE FROM THE SERVICE CONNECTION POINT, A MESSENGER SERVICE OR MID SPAN SERVICE TAP SHALL BE UTILIZED AS PER EO-15361-B.
4. REFER TO EO-8746-B FOR WEATHER HEAD AND P.O.A. ABOVE ROOF LINE.

No.	REVISIONS	PROJ. ENGR	DATE
22	CHANGED THE FONT IN THE "NOT ALLOWED" TEXT IN ORDER TO APPEAR MORE VISIBLE. EDITED LAYOUT OF NOTED FOR WEATHER HEAD AND P.O.A. BELOW ROOF LINE ADDED BOX AROUND "NOT ALLOWED" ADDED NOTE 4 K. TORO	R. DOMINGUEZ	09/28/12

CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS	CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT		
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COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No. 22	REVISIONS SEE ABOVE REVISION BOX	PROJ. ENGR R. DOMINGUEZ	DATE 09/28/12	DRAWN BY J.T. ABBRUSCATO	DATE 4/14/04	CHECKED BY	DATE	APPROVED MAGGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER	11/23/04 DATE
					DISCIPLINE CODE	SCALE			LUIS ORTEGA PROJECT ENGINEER	11/23/04 DATE

TABLE 4 (CONNECTIONS FOR OVERHEAD SERVICE CONDUCTORS)

WIRE SIZE (ALUMINUM TO ALUMINUM OR ALUMINUM TO COPPER)							
MAIN RUN		TYPE	TAP		SPEC. NO.	C/S#	INSULATING COVER C/S#
MAX.	MIN.		MAX.	MIN.			
1/0 STR.	#8 SOL.	PARALLEL GROOVE	#2 STR.	#8 SOL.	EO-100186	571-5404 *	N/A
2/0 STR.	#6 SOL.	PARALLEL GROOVE	2/0 STR.	#8 SOL.	EO-100186	571-5412 *	N/A
400 KCMIL	#1 SOL.	PARALLEL GROOVE	2/0 STR.	#8 SOL.	EO-100186	571-5420 *	N/A
1/0		COMPRESSION	1/0		EO-100186	571-0470	N/A
#2		COMPRESSION	#2		EO-100186	571-0462	N/A
2/0	1/0	COMPRESSION	2/0	1/0	EO-100186	570-4671 **	N/A
3/0	1/0	COMPRESSION	3/0	1/0	EO-100186	570-4663 **	N/A
4/0	1/0	COMPRESSION	4/0	1/0	EO-100186	SPECIAL ORDER **	N/A
4/0		COMPRESSION	4/0		EO-4669-D	570-1313 ***	HEAT SHRINK 596-2675
500 KCMIL		COMPRESSION	500 KCMIL		EO-4669-D	570-1321 ***	HEAT SHRINK 596-2600
750 KCMIL		COMPRESSION	750 KCMIL		EO-4669-D	570-3749 ***	HEAT SHRINK 596-2667
VARIOUS		MINIWEDGE	VARIOUS		EO-100186	SEE SPEC.	571-9588
350 KCMIL		FIRED ON WEDGE	4/0		EO-100186	590-5161	504-7998
500 KCMIL		FIRED ON WEDGE	1/0		EO-2132	590-4826	504-7998
500 KCMIL		FIRED ON WEDGE	4/0		EO-100186	590-4800	504-7998
750 KCMIL		FIRED ON WEDGE	1/0		EO-100186	590-5187	504-7980
750 KCMIL		FIRED ON WEDGE	4/0		EO-100186	590-5179	504-7980
WIRE SIZE (COPPER TO COPPER)							
1/0 STR.	#6 SOL.	CU PARALLEL GROOVE	1/0 STR.	#6 SOL.	EO-100186	007-9590 *	N/A
4/0 STR.	#4 SOL.	CU PARALLEL GROOVE	4/0 STR.	#4 SOL.	EO-100186	007-4120 *	N/A

- * KIT COMPONENTS: CONNECTOR PLUS INSULATING COVER, OR MINIWEDGE PLUS INSULATING COVER
- ** W-K 840 DIE REQUIRED FOR THIS COMPRESSION CONNECTOR, TWO CRIMPS MUST BE MADE ON EACH END
- *** HEAT SHRINKABLE TUBING SHALL BE APPLIED USING GENERAL INSTRUCTIONS GOVERNING WORK ON OVERHEAD. IF TUBING IS NOT AVAILABLE REFER TO EO-2242-C.

No.	REVISIONS	PROJ. ENGR	DATE
22	REMAINED THE SAME	R. DOMINGUEZ	09/28/12
	K. TORO		09/28/12

CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS		CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT			
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COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED	
	22	SEE ABOVE REVISION BOX	R. DOMINGUEZ	09/28/12	J.T. ABBRUSCATO	4/14/04			MAGGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER	11/23/04 DATE
					DISCIPLINE CODE		SCALE		LUIS ORTEGA PROJECT ENGINEER	11/23/04 DATE

CONSTRUCTION NOTES:

1. IN NYC, INSTALLATION SHALL MEET REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC), WITH ALL NYC AMENDMENTS. IN WESTCHESTER, THE NEC OR LOCAL MUNICIPAL CODES SHALL BE FOLLOWED. SHOULD THIS SPECIFICATION COME IN VARIANCE WITH ANY OF THESE CODES, THE LOCAL CODE SHALL TAKE PRECEDENCE.
2. ALL NEW CONSTRUCTION (I.E. NEWLY BUILT HOMES, SERVICE UPGRADES, AND NEW SIDING REQUIRING REMOVAL AND INSTALLATION OF THE METER PAN, STANDPIPE AND WEATHER HEAD) SHALL COMPLY WITH THIS DRAWING AND THE NEC, WITH ALL NYC AMENDMENTS OR THE NEC WITH LOCAL MUNICIPAL CODES.
3. FOR SELF-SUPPORTING MULTIPLEX OR OPEN SUPPLY SERVICE CONDUCTORS, ADJACENT BUT NOT ATTACHED TO PREMISES, A MINIMUM HORIZONTAL DISTANCE OF 5'-6" SHALL BE MAINTAINED IN ANY DIRECTION FROM WINDOWS, DOORS, FIRE ESCAPES, PORCHES, BALCONIES, OR SIMILAR LOCATIONS. PLEASE REFER TO EO-4647-C.
4. THE SELF-SUPPORTING MULTIPLEX SERVICE DROP CONDUCTORS (INCLUDING DRIP LOOPS) ATTACHED TO PREMISES SHALL MAINTAIN A MINIMUM LINEAR DISTANCE OF 3'-0" ON EITHER SIDE, BELOW, OR CROSSING IN FRONT OF A WINDOW THAT IS DESIGNED TO OPEN. FOR WINDOWS THAT ARE NOT DESIGNED TO OPEN, THE LINEAR DISTANCE MAY BE A MINIMUM OF 6" ON EITHER SIDE, BELOW, OR CROSSING IN FRONT OF A WINDOW. FOR SELF-SUPPORTING MULTIPLEX SERVICE DROP CONDUCTORS ABOVE A WINDOW, REFER TO NOTE 5. IF IT CANNOT BE DETERMINED WHETHER A WINDOW IS "DESIGNED TO OPEN" OR "NOT DESIGNED TO OPEN", ASSUME THE WINDOW IS "DESIGNED TO OPEN". CLEARANCES OVER OR FROM ROOFS, BALCONIES, PORCHES, STAIR LANDINGS, DECKS, FIRE ESCAPES OR SIMILAR LOCATIONS SHALL BE CONSIDERED WHEN SELECTING POINT OF ATTACHMENT AND WEATHER HEAD. PLEASE REFER TO EO-4647-C.
5. THE SELF-SUPPORTING MULTIPLEX SERVICE DROP CONDUCTORS (INCLUDING DRIP LOOPS) CAN BE INSTALLED AT A MINIMUM OF 6" ABOVE THE TOP EDGE OF A WINDOW, WHETHER IT IS DESIGNED TO OPEN OR NOT. PLEASE REFER TO EO-4647-C.
6. INSULATED OPEN SECONDARY CONDUCTORS ATTACHED TO PREMISES (NOT SELF-SUPPORTING MULTIPLEX SERVICE DROP CONDUCTORS) SHALL HAVE A CLEARANCE IN ANY DIRECTION OF NOT LESS THAN A LINEAR DISTANCE OF 3'-0" FROM WINDOWS, DOORS, PORCHES, FIRE ESCAPES, OR SIMILAR LOCATIONS. PLEASE REFER TO EO-4647-C.
7. ALL HOLES THROUGH WALLS SHALL BE WEATHERPROOFED BY THE CUSTOMER.
8. SERVICE CONNECTION SHALL BE DIRECTLY ACCESSIBLE FROM A 24 FT TO 40 FT LADDER PLACED ON GRADE LEVEL.
9. FOR EMERGENCY TEMPORARY REPAIR OR SERVICE RELOCATION, COMPANY CREWS CAN MAKE ALTERNATE ATTACHMENTS AS PER EO-16279-B.
10. CON EDISON CREWS ARE RESPONSIBLE FOR MAKING THE FINAL ELECTRIC SERVICE CONNECTION BETWEEN CON EDISON'S SERVICE CONDUCTORS AND THE CUSTOMERS' SERVICE ENTRANCE CONDUCTORS USING COMPANY APPROVED CONNECTORS (SEE TABLE 4 ON SHEET 6 OF 7) UNDER THE FOLLOWING:
 - CON EDISON'S SERVICE CONDUCTORS ARE LARGER THAN 1/0 AL FROM POLE LINE TO POINT OF ATTACHMENT
 - NEW SERVICE CONDUCTORS BEING INSTALLED FROM POLE LINE TO POINT OF ATTACHMENT
 - SERVICE CONDUCTOR UPGRADES FROM POLE LINE TO POINT OF ATTACHMENT (E.G. UPGRADE FROM #4 AL TO 1/0 AL OR SIMILAR SCENARIO)
 - TWO WEATHER HEADS SERVICED FROM CON EDISON'S SINGLE SERVICE LATERAL
 - SERVICE CONNECTIONS UPSTREAM FROM ALLEY TAPS OR OUTDOOR LOOPS
 - IF SERVICE CONDUCTORS SHALL BE RE-ATTACHED TO POINT OF ATTACHMENT
11. CONTRACTORS/ELECTRICIANS ARE RESPONSIBLE FOR MAKING THE FINAL ELECTRIC SERVICE CONNECTION BETWEEN CON EDISON'S SERVICE CONDUCTORS AND THE CUSTOMERS' SERVICE ENTRANCE CONDUCTORS USING COMPANY APPROVED CONNECTORS (SEE TABLE 4 ON SHEET 6 OF 7) UNDER THE FOLLOWING:
 - CON EDISON'S SERVICE CONDUCTORS ARE 1/0 AL OR SMALLER FROM POLE LINE TO POINT OF ATTACHMENT
 - WORK IS PERFORMED ON WEATHER HEAD AND/OR STANDPIPE WHERE CON EDISON'S SERVICE CONDUCTORS FROM POLE LINE TO POINT OF ATTACHMENT REMAIN UNALTERED
 - SERVICE CONNECTIONS AT FINAL TERMINATION POINT OF ALLEY TAPS OR OUTDOOR LOOPS
12. BEFORE MAKING THE CONNECTIONS, ALUMINUM OR COPPER CONDUCTORS MUST BE WIRE BRUSHED, CLEANED AND THEN COATED IMMEDIATELY WITH AN OXIDE INHIBITOR, C/S# 631-0015 OR 635-0599.
13. SERVICE CONDUCTOR CONNECTORS NOT LISTED ON TABLE 4 MAY BE USED IF LISTED ON EO-100,186.
14. IF POINT OF ATTACHMENT CONSISTS OF CLEVIS AND SPOOL, SERVICE INSULATOR BAIL IS NOT NEEDED. SERVICE INSULATOR BAIL MAY BE USED ALONG WITH CLEVIS AND SPOOL TO MAINTAIN APPROPRIATE CLEARANCES SPECIFIED ON SHEET 5 OF 7.
15. VERTICAL CLEARANCE FROM GRADE TO SPAN POINT WITH MAXIMUM SAG TO MEET VALUES OF EO-4647-C.
16. THE WEATHER HEAD ON A SERVICE CONDUIT SHALL BE TURNED DOWNWARD. A SUFFICIENT DRIP LOOP SHALL BE PRESENT TO PREVENT WATER INGRESS. WHEN SEU/SER/SE CABLE IS UTILIZED, THE WEATHER HEAD SHALL BE INSTALLED VERTICALLY.
17. REGIONAL DISTRIBUTION ENGINEERING TO ASSESS POLE STRENGTH BEFORE SERVICE CONDUCTORS ARE INSTALLED.
18. MINIWEDGES, PARALLEL GROOVE CLAMPS, COMPRESSION CONNECTORS, OR FIRED-ON WEDGE CONNECTORS SHALL NOT BE TAPED UNLESS NOTED OTHERWISE.

REFERENCE SPECIFICATIONS:

NON TENSION OVERHEAD CONNECTORS FOR ALUMINUM & COPPER SECONDARY CONDUCTORS	----	EO-100,186.
SECONDARY RACK	----	EO-1078
OVERHEAD DISTRIBUTION CABLE CLEARANCES	-----	EO-4647-C
OVERHEAD SERVICE TO PIPE MAST	-----	EO-8746-B
OVERHEAD SERVICE ATTACHMENT TO POLE AND TO BUILDING SELF SUPPORTING TYPE CABLE	-----	EO-16279-B
INSTALLATION GUIDE FOR CONNECTORS USE ON SECONDARY OVERHEAD LINES AND SERVICES	-----	EO-2140

No.	REVISIONS	PROJ. ENGR	DATE
22	REMOVED THE TITLE AND MADE IT NOTE 17 ADDED NOTE 18 EDITED AND MADE ADDITIONS TO NOTES 10 AND 11 CHANGED FONT OF REFERENCE SPECIFICATIONS EDITED NOTE 6	R. DOMINGUEZ	09/28/12
K. TORO		09/28/12	

FILING INFORMATION			
FIELD MANUAL No. 23, OVERHEAD CONSTRUCTION, SECT.1.6: SERVICES			
FIELD MANUAL No. 9, OVERHEAD CONSTRUCTION, SECT. 6: SERVICES			
CONSTRUCTION STDS. MANUAL No. 3, SECT. 7: SERVICES AND RISERS			

CUSTOMER'S ELECTRIC OVERHEAD SERVICE CONDUCTORS		CONSOLIDATED EDISON COMPANY OF N.Y., INC. DISTRIBUTION ENGINEERING DEPT	
DATE 3/24/53	DWG. NO. EO-6218-B	REV. 22	SH. 7 OF 7
LAST REV. 09/28/12			

COMPUTER GENERATED DRAWING NOT TO BE HAND REVISED	No.	REVISIONS	PROJ. ENGR	DATE	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED	DATE
	22	SEE ABOVE REVISION BOX	R. DOMINGUEZ	09/28/12	J.T. ABBRUSCATO	4/14/04			MARGIE CHOW MGR. NON-NETWORK SYSTEMS MANAGER	11/23/04
					DISCIPLINE CODE		SCALE		LUIS ORTEGA PROJECT ENGINEER	11/23/04