

CABLE

I. CONSTRUCTION NOTES

- I.1. PLATE UVB:
Call for this plate on a "per foot" basis. Separate neutral is NOT included with primary cable.
- I.2. Plate UVC:
Call for this plate on a "per foot" basis.
- I.3. PLATE UVSS:
When separate neutral is used, use secondary splice (USS Plate) for neutral cable.
- I.4. Single conductor 750 KCM Poly
Has limited use in the system. It is not a standard cable, and is not covered by a plate. Maintenance work will be covered by itemizing.
- I.5. Additional Plates:
Listed below are plates not otherwise covered by a Construction Standard and Drawing:

PLATE	DESCRIPTION	UNIT
CABLE-SETUP	Includes the installation of winch cable, 6 EA. Cable arms, 1 ea. Cable cap, positioning and set-up of cable reel and racking cable. PILC ONLY	EA
CBL-CAP1	Install heat shrink cable end cap on cable.(#2 - 1/0 Poly)	EA
CBL-CAP2	Install heat shrink cable end cap on cable.(1/0 – 750 KCM Poly)	EA
CBL-CAP3	Install heat shrink cable end cap on cable (750 – 1000 KCM Poly)	EA
CBL-REM1	Remove primary cable from conduit and salvage. Includes up to three conductors per conduit. (Up to 1/0 AWG) DOWNTOWN ONLY	LF
CBL-REM2	Remove primary cable from conduit and salvage. Includes up to three conductors per conduit. (1/0awg – 400 KCM) DOWNTOWN ONLY	LF
CBL-REM3	Remove primary cable from conduit and salvage. Includes up to three conductors per conduit. (401 KCM and larger.) DOWNTOWN ONLY	LF

II. INSTALLATION GUIDELINES

Cable to be installed in conduit according to the following guidelines:

- 1" conduit - # 12D secondary
- 2" conduit - 1/c – 1/0 AWG primary
- 3" conduit - all secondary cable
- 4" conduit - 3/c – 1/0 AWG primary
- 6" conduit - 3/c – 350 KCM, 750 KCM, 1000 KCM primary

NOTE:

Engineer may designate other installation guidelines. See Conduit Section for installation depths.

UVC* _
UWC* _
URC* _

INSTALLATION OF PRIMARY CABLE IN CONDUIT

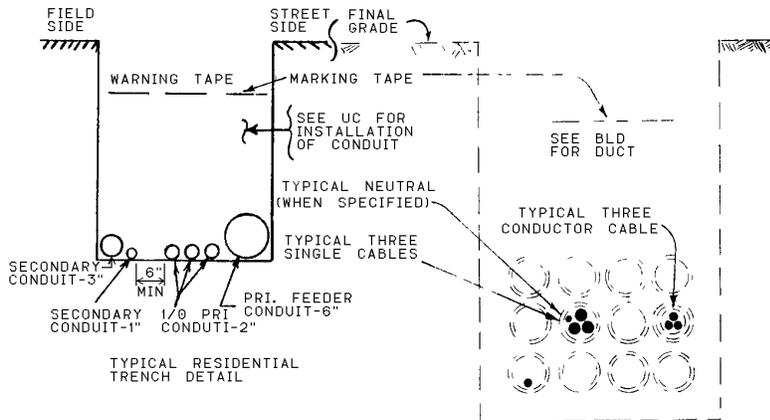
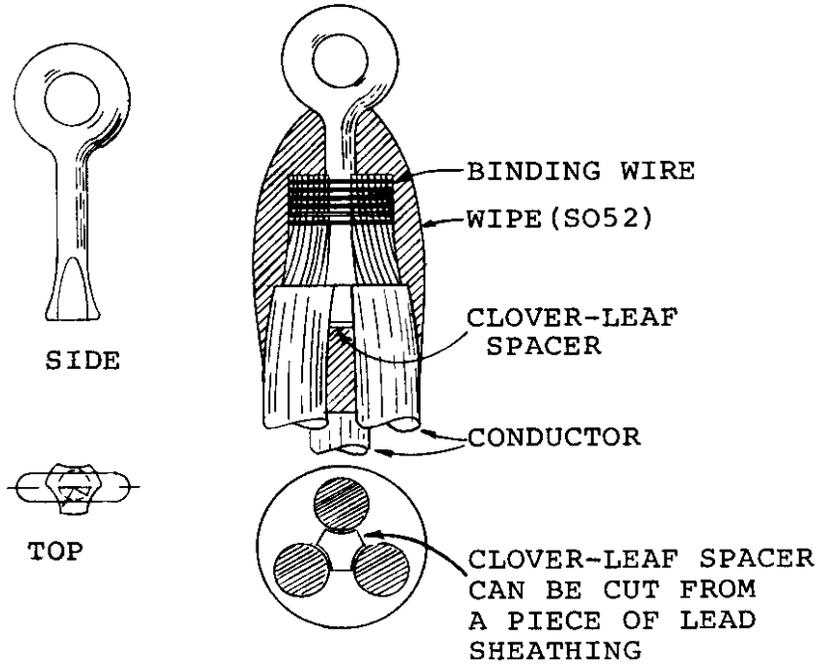


	PLATE & OPTION	ITEM	QTY	DESCRIPTION
25 KV	UVC*1/0	CAICL001	1	1/0AWG, SINGLE CONDUCTOR, AL, POLY
	UVC*1/0-2	CAICL001	2	1/0AWG, SINGLE CONDUCTORS, AL, POLY
	UVC*1/0-3	CAICL001	3	1/0AWG, SINGLE CONDUCTORS, AL, POLY
	UVC*1/0-T	CAICL002	1	1/0AWG, 3 PARALLEL CONDUCTORS, AL, POLY
	UVC*1/0-T-CU	CAICL020	1	1/0AWG, 3 PARALLEL CONDUCTORS, CU, POLY
	UVC*350-3	CAICL005	3	350KCM, SINGLE CONDUCTORS, AL, POLY
	UVC*1000-3	CAICL011	3	1000KCM, SINGLE CONDUCTORS, AL, POLY
	UVC*1000-3E	CAICL003	3	1000KCM, SINGLE CONDUCTORS, AL, EPR
13.2 KV	UWC*1/0L-3	CAIPI010	3	1/0AWG, SINGLE CONDUCTORS, CU, PILC
	UWC*1/0L	CAIPI001	1	1/0AWG, THREE CONDUCTOR, CU, PILC
	UWC*400L	CAIPI007	1	400KCM, THREE CONDUCTOR, CU, PILC
	UWC*400L-3	CAIPI015	3	400KCM, SINGLE CONDUCTOR, CU, PILC
	UWC*400P	CAICL006	1	400KCM, THREE CONDUCTOR, CU, POLY
	UWC*400P-3	CAICL009	3	400KCM, SINGLE CONDUCTOR, CU, POLY
	UWC*750L	CAIPI009	1	750KCM, THREE CONDUCTOR, CU, PILC
	UWC*750L-3	CAIPI012	3	750KCM, SINGLE CONDUCTOR, CU, PILC
	UWC*750P-3	CAICL013	3	750KCM, SINGLE CONDUCTOR, CU, POLY (FLAT STRAP NEUTRAL)
4 KV	URC*8	CAICL004	1	#8AWG, SINGLE CONDUCTOR, CU, POLY
	URC*750-3	CAICL012	3	750KCM, SINGLE CONDUCTOR, AL, POLY
NEUTRAL	UNC*4/0N	CAIRH005	1	4/0AWG, SINGLE CONDUCTOR, CU, POLY
	UNC*300N	COBCO035	1	300KCM, SINGLE CONDUCTOR, CU, BARE

BLD-PULL-EYE

BUILD CABLE PULLING EYE



EYE BOLT PULLING EYE

INSTALLATION OF PULLING EYE ON 3 CONDUCTOR CABLE

NOTE: If pulling eyes are factory installed on new cable they should be retained for future re-use.

PLATE	ITEM	QTY	DESCRIPTION
BLD-PULL-EYE	SOLTL002	5	SOLDER, 40/60, 1.5LB BAR

CRIMP ON PULLING EYE (NO ILLUSTRATION)			
PLATE & OPTION	ITEM	QTY	DESCRIPTION
I.EYEP001	EYEP001	1	PULLING EYE, 2.402 ID, CONDUX PRESS
I.EYEP002	EYEP002	1	PULLING EYE, 2.995 ID, CONDUX PRESS
I.EYEP003	EYEP003	1	PULLING EYE, 2.152 ID, CONDUX PRESS
I.EYEP004	EYEP004	1	PULLING EYE, 5.120 ID, CONDUX PRESS

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