

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.	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)	LF
CBL-REM2	Remove primary cable from conduit and salvage. Includes up to three conductors per conduit. (1/0awg – 400 KCM)	LF
CBL-REM3	Remove primary cable from conduit and salvage. Includes up to three conductors per conduit. (401 KCM and larger.)	LF
CBL-TEST	High voltage (Hi-Pot) cable acceptance test from designated termination to designated termination.	EA

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.

UVB*
 UWB*
 URB*

INSTALLATION OF CABLE IN TRENCH (DIRECT BURIED)

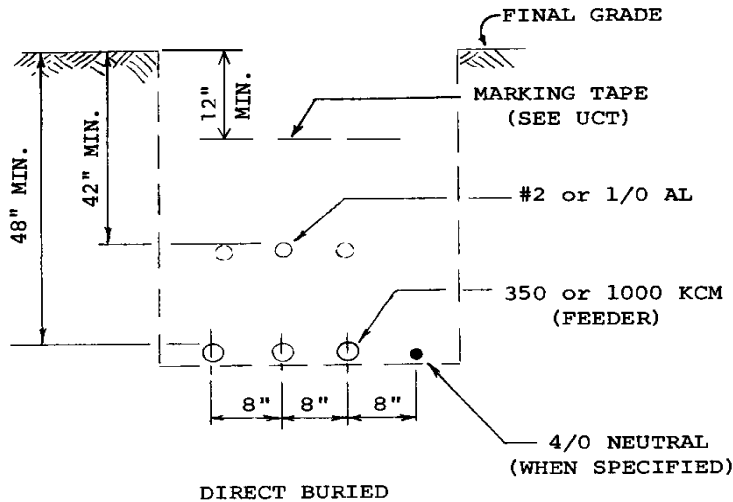


	PLATE & OPTION	ITEM	QTY	DESCRIPTION
25 kV	UVB*1/0	CAICL001	1	1/0AWG, SINGLE CONDUCTOR, AL, POLY
	UVB*1/0-2	CAICL001	2	1/0AWG, 2 SINGLE CONDUCTOR, AL, POLY
	UVB*1/0-3	CAICL001	3	1/0AWG, 3 SINGLE CONDUCTOR, AL, POLY
	UVB*1/0-T	CAICL002	1	1/0AWG, 3 PARALLEL SINGLE CONDUCTOR, AL, POLY
	UVB*350-3	CAICL005	3	350KCM, 3 SINGLE CONDUCTOR, AL, POLY
	UVB*1000-3	CAICL011	3	1000KCM, 3 SINGLE CONDUCTOR, AL, POLY
	UVB*1000-3E	CAICL003	3	1000KCM, 3 SINGLE CONDUCTOR, AL, EPR
13.2 kV	UWB*400P	CAIPI007	1	400KCM, THREE CONDUCTOR, CU, PILC
	UWB*400P-3	CAIPI015	3	400KCM, SINGLE CONDUCTOR, CU, PILC
4 kV	URB*8	CAICL004	1	#8AWG, SINGLE CONDUCTOR, CU, POLY
	URB*750-3	CAICL012	3	750KCM, SINGLE CONDUCTOR, AL, POLY
Neutral	UNB*4/0N	CAIRH005	1	4/0AWG, SINGLE CONDUCTOR, CU, POLY

UVC*
 UWC*
 URC*

INSTALLATION OF PRIMARY CABLE IN CONDUIT

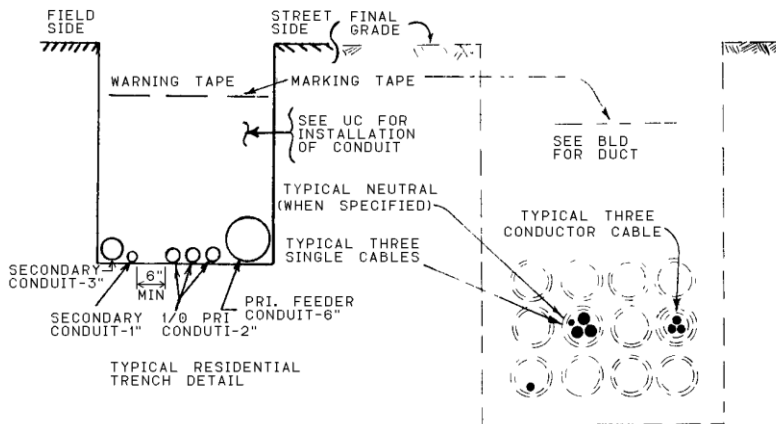
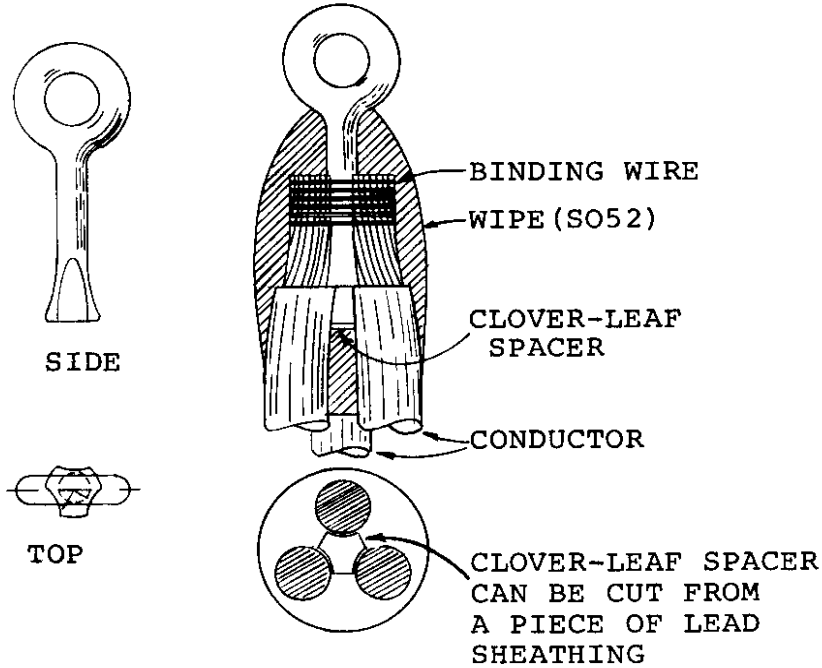


	PLATE & OPTION	ITEM	QTY	DESCRIPTION
25 KV	UVC*1/0	CAICL001	1	1/0AWG, SINGLE CONDUCTOR, AL, POLY
	UVC*1/0-2	CAICL001	2	1/0AWG, SINGLE CONDUCTORS, AL, POLY
	UVC*1/0-3	CAICL001	3	1/0AWG, SINGLE CONDUCTORS, AL, POLY
	UVC*1/0-T	CAICL002	1	1/0AWG, 3 PARALLEL CONDUCTORS, AL, POLY
	UVC*350-3	CAICL005	3	350KCM, 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*10	CAISU001	1	10 PAIR SUPERVISORY CABLE
	UWC*20	CAISU003	1	20 PAIR SUPERVISORY CABLE
	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: pulling eyes are factory installed on new cable and 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