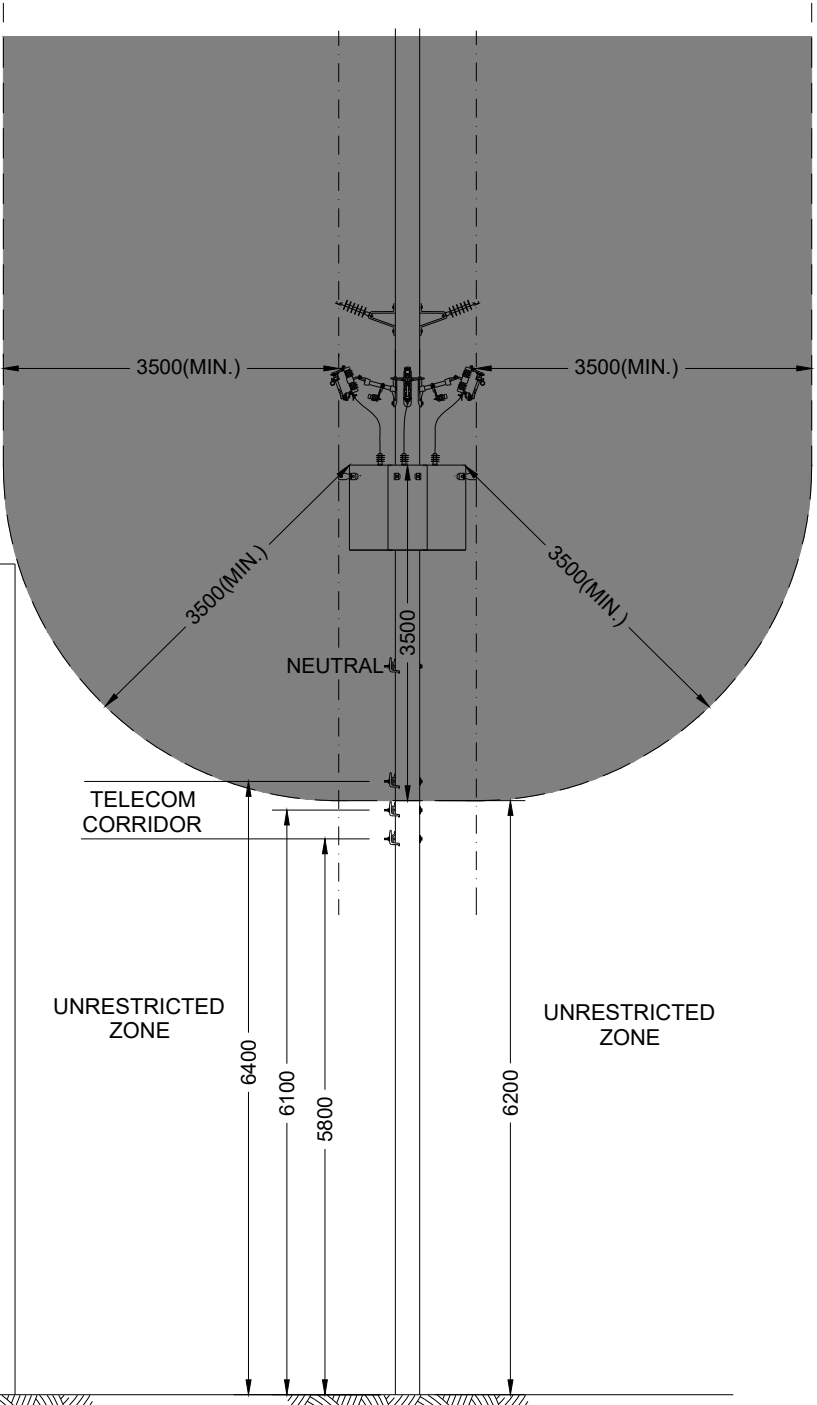
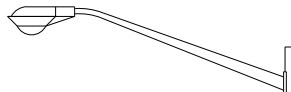


NOTES:

- A. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- B. SAME CLEARANCES APPLY FOR HIGH VOLTAGE CIRCUITS ON CROSSARMS AND FUTURE PROPOSED CIRCUITS.
- C. UTILITIES REQUIRE COMPETENT ELECTRICAL WORKERS WHEN WORKING WITHIN THE THE RESTRICTED ZONE AND AUTHORIZATION FROM THE ELECTRICAL CONTROL AUTHORITY.
- D. FOR WORK ADJACENT TO EXISTING POLES WITH HIGH VOLTAGE CIRCUITS, CONTACT ELECTRICAL CONTROL AUTHORITY TO IDENTIFY RESTRICTED ZONE.
- E. FOR POLES WITH ONLY SECONDARY VOLTAGE (<750V), MAINTAIN 1500mm MINIMUM CLEARANCE FROM CONDUCTORS.
- F. IN-SPAN UTILITY POLE MAXIMUM VERTICAL HEIGHT OF 6200mm SHALL BE REDUCED TO ENSURE 3500mm CLEARANCE IS MAINTAINED UNDER HIGH VOLTAGE CONDUCTORS.
- G. ADJACENT UTILITY POLE OWNER SHALL COORDINATE INSTALLATION WITH EXISTING TELECOM STRAND OWNERS TO AVOID EQUIPMENT INTERFERENCE AND DAMAGE.
- H. ADJACENT UTILITY POLES, MISCELLANEOUS FREE STANDING POLES, OR CELLULAR TOWERS SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE TO PERMIT THE POLE OR TOWER TO FALL IN AN ARC WITHOUT CONTACTING ANY HIGH VOLTAGE CONDUCTORS. FOR CELLULAR TOWERS GREATER THAN 15m ABOVE GRADE, EXEMPTION FROM THIS FALL-ARC REQUIREMENT TO OLS0002 OFFSET MAY BE PROVIDED WHERE A CERTIFIED ENGINEERING REPORT STATES THE CELLULAR TOWER'S MAX. STRUCTURAL LOADING, INSTALLATION METHOD, AND ONGOING MAINTENANCE & ACCESS PROCEDURES WILL NOT IMPACT THE OPERATION & MAINTENANCE OF THE HIGH VOLTAGE CONDUCTORS.
- I. FOR STAND ALONE BUS SHELTERS, MINIMUM VERTICAL CLEARANCES OF 5m TO THE NEAREST OVERHEAD HIGH VOLTAGE CONDUCTOR, AND 3m TO THE LOWEST SECONDARY CONDUCTOR OR NEUTRAL IS REQUIRED FROM THE TOP OF THE BUS SHELTER. THE BUS SHELTER'S STRUCTURE IS TO BE GROUNDED BY AN APPROVED OESC METHOD WITH AN ISOLATED RESISTANCE VALUE OF LESS THAN 25 OHMS.



For Hydro Ottawa Use Only Copyright 2024

G:\4.2.3 TECH STD & MAT\01_STDS\01_HOLO OVERHEAD\LINE LOCATION AND CLEARANCES\OLS0003 R5 CLEARANCES TO ADJACENT UTILITY POLES.DWG

REVISIONS	PREP	CHKD	APPD
REV: 3 DATE: 2013-04-19 CHANGE: REVISED NOTE D, E, F, H ADDED NOTE 'I'	GM	RW	CSM
REV: 4 DATE: 2013-09-20 CHANGE: REVISED NOTES D, F, I	MB	RW	CSM
REV: 5 DATE: 2024-12-11 CHANGE: REAFFIRMED	LG	MS/ BH	MW



PREP: G. MOLNAR
CHKD: C. MORAN
APPD: C. MALONE P.Eng
DATE: 2006-04-11
SCALE: N.T.S. @ ANSI A

TITLE	ENGINEERING SPECIFICATION CLEARANCES TO ADJACENT OVERHEAD UTILITY STRUCTURES 2.4/4.16kV - 44kV CONSTRUCTION DETAIL		
NO:	OLS0003		
REV:	1	OF	5
	1		