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FIG. 1
PRIMARY OVERHEAD SUPPLY

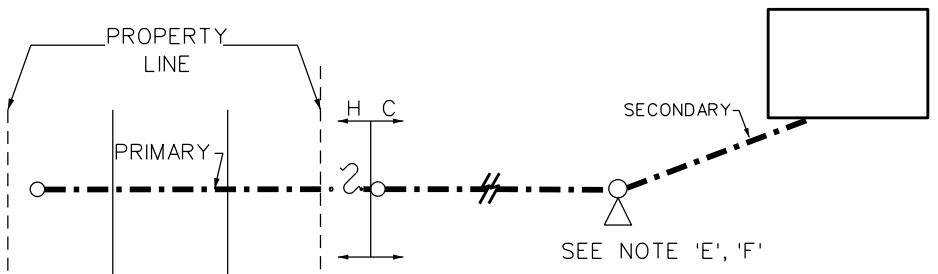


FIG. 2
PRIMARY UNDERGROUND RADIAL SUPPLY

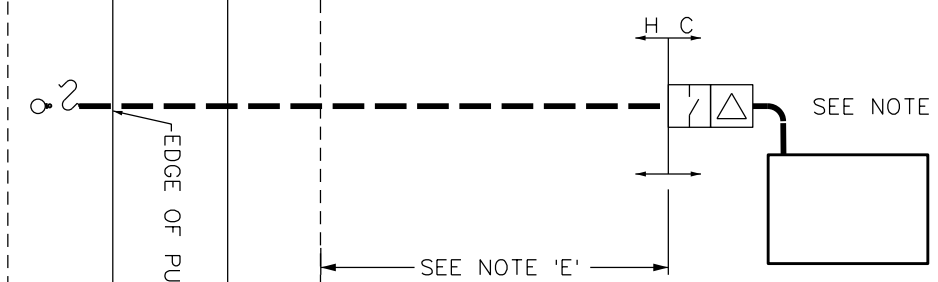


FIG. 3
PRIMARY UNDERGROUND TWIN RADIAL SUPPLY

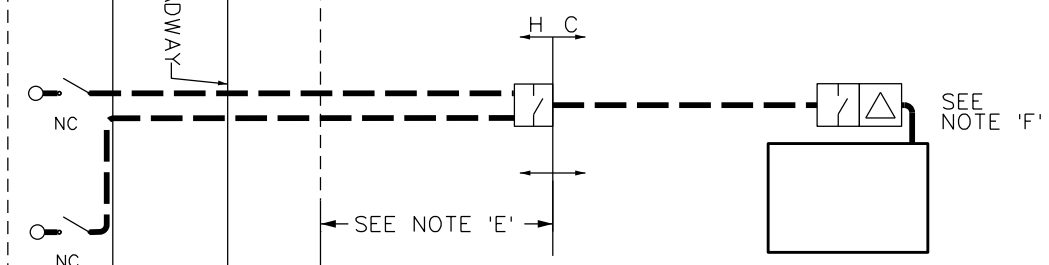


FIG. 4
PRIMARY UNDERGROUND HYDRO LOOP SUPPLY

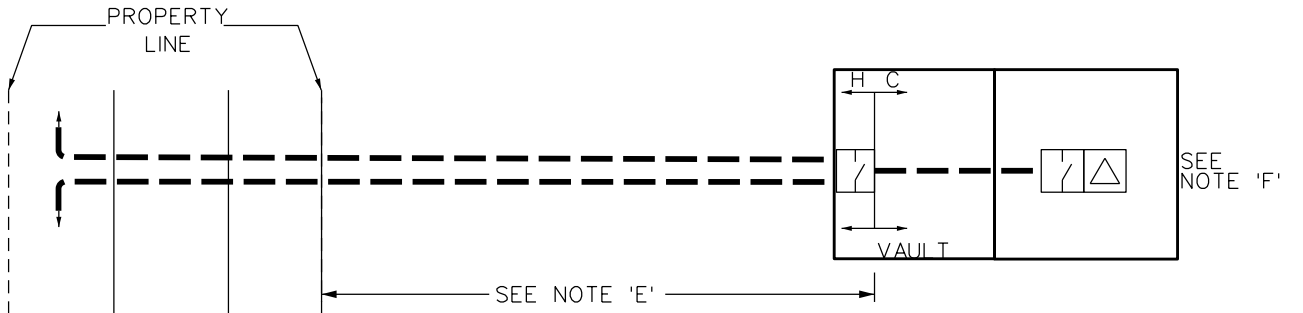


FIG. 5
MULTIPLE BUILDING DEVELOPMENT PRIMARY UNDERGROUND LOOP SUPPLY

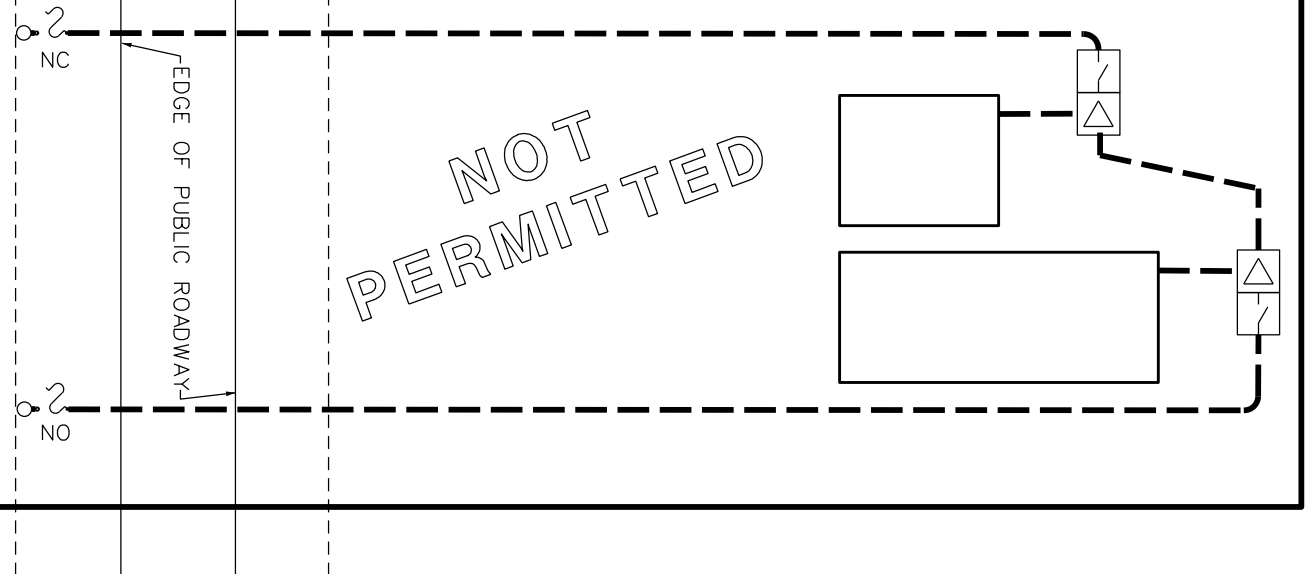
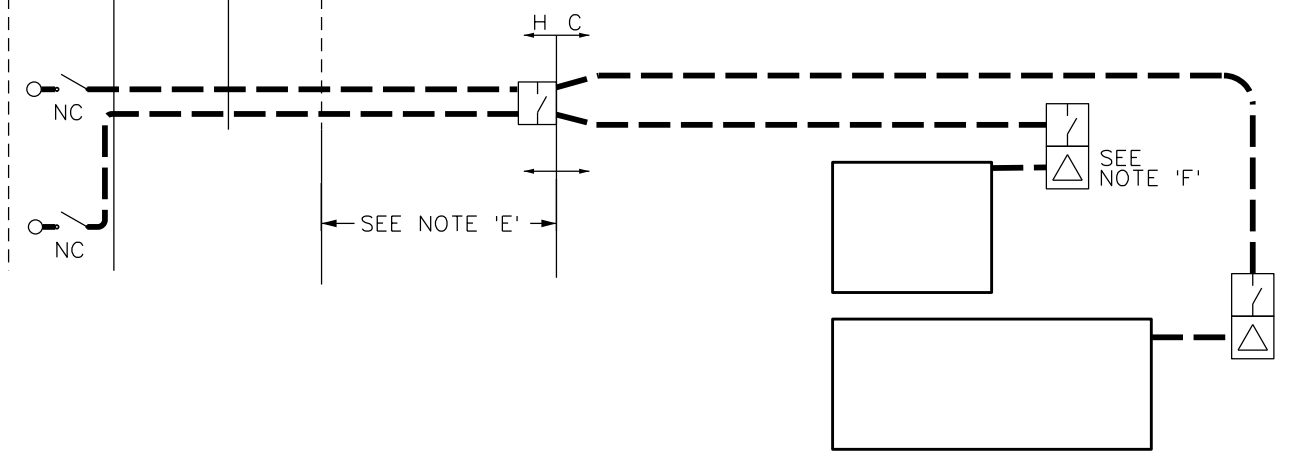


FIG. 6
MULTIPLE BUILDING DEVELOPMENT PRIMARY UNDERGROUND TWIN RADIAL SUPPLY



LEGEND:

ELECTRICAL OWNERSHIP DEMARCATION	H- HYDRO OTTAWA C- CUSTOMER
PADMOUNTED TRANSFORMER	
VAULT TRANSFORMER	
SWITCHGEAR	
POLEMOUNTED TRANSFORMER	
POLE	
PROPERTY LINE	
UNDERGROUND CABLE	
OVERHEAD CABLE	
NORMALLY CLOSED/OPEN	NC/NO

NOTES:

A. OWNERSHIP DEMARCATION PRIOR 2000-11-01 REMAINS THE SAME UNLESS CHANGED BY A WRITTEN AGREEMENT.

B. HYDRO OTTAWA IS RESPONSIBLE FOR ALL POWER DISTRIBUTION PLANT (ELECTRICAL & CIVIL) LOCATED IN THE PUBLIC ROAD RIGHT-OF-WAY AFTER INSTALLATION, UNLESS OWNED BY ANOTHER UTILITY.

C. CONSULT HYDRO OTTAWA FOR OWNERSHIP AND OPERATING DEMARCATION POINTS FOR COMPLEX ELECTRICAL DISTRIBUTION SYSTEMS.

D. CUSTOMER IS RESPONSIBLE FOR 100% OF THE PRIMARY SERVICE COSTS TO INCLUDE THE ELECTRICAL AND CIVIL COSTS FROM THE SUPPLY POINT AS PER CONDITIONS OF SERVICE.

E. CIVIL WORK AND/OR GROUNDING WORK ON PRIVATE PROPERTY ARE CUSTOMER OWNED UNLESS SPECIFIED OTHERWISE DURING THE PROJECT DESIGN PHASE. HYDRO OTTAWA INSPECTION IS REQUIRED DURING EXECUTION OF THE WORK.

F. CONSULT HYDRO OTTAWA FOR THE PRIMARY SERVICE REQUIREMENTS FOR YOUR PROJECT/INSTALLATION/OPERATION. ESA CONNECTION AUTHORIZATION REQUIRED FOR CUSTOMER OWNED HIGH VOLTAGE INSTALLATION PRIOR TO ENERGIZATION.

G. SITE SPECIFIC LOSS ADJUSTMENT TO THE ENERGY ACCOUNT WILL APPLY WHEN GREATER THAN THE OEB DEFAULT LIMIT.

REVISIONS	PREP	CHKD	APPD
REV: 1 DATE: 2015-04-24 CHANGE: GENERAL UPDATE	MM	PL	CSM
REV: DATE: YYYY-MM-DD CHANGE:			
REV: DATE: YYYY-MM-DD CHANGE:			

HydroOttawa
WWW.HYDRO-OTTAWA.COM

PREP:	G. MOLNAR
CHKD:	B. BENNETT
APPD:	C. MALONE P.ENG
DATE:	2004-07-30
SCALE:	N.T.S. @ ANSI B

TITLE
ENGINEERING SPECIFICATION
COMMERCIAL PRIMARY SERVICE ELECTRICAL OWNERSHIP DEMARCATION CUSTOMER OWNED TRANSFORMER GUIDELINE

NO: **ECG0005**

1 OF 1

REV: 1