ELECTRICAL LEGEND

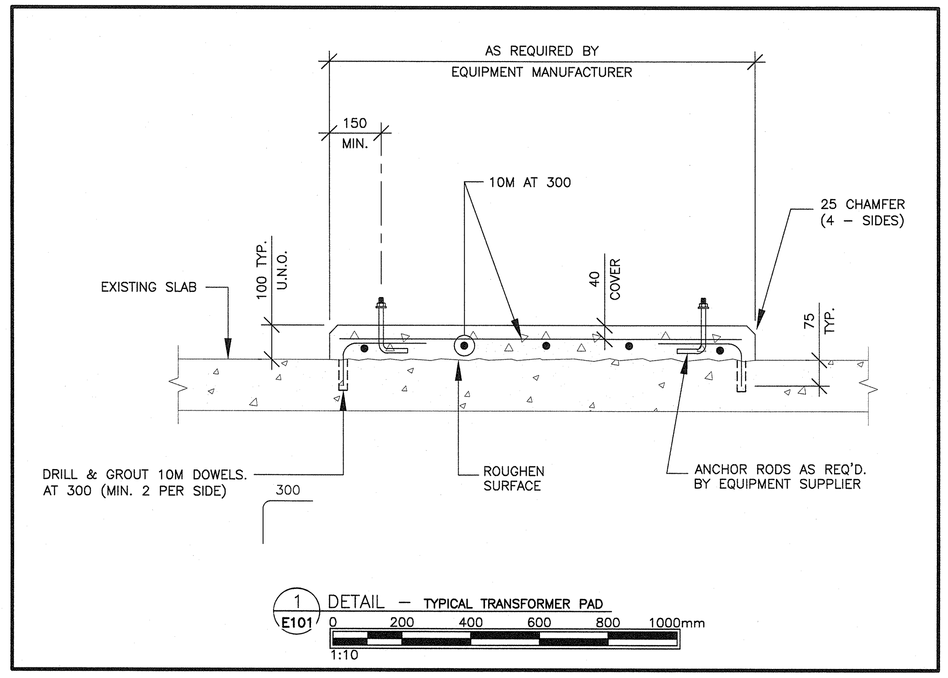
POWER & COMMUNICATIONS		
BLOCK NAME	VISIBILITY STATE	SYMBOL
DIRECT CONNECT		
DISCONNECT SWITCH		
JUNCTION BOX		
PANELBOARD	SURFACE	
	RECESSED	
PUSHBUTTON STATION		
RECEPTACLE	15A, 125V DUPLEX	
	15A, 125V DUPLEX ISOLATED GROUND	
	SPECIAL RECEPTACLE	
STARTER	MAGNETIC STARTER	
	MANUAL STARTER	
	COMBINATION STARTER	
SINGLE LINE		
BLOCK NAME	VISIBILITY STATE	SYMBOL
BREAKER		
DISCONNECT C/W ENCLOSURE		
ID NUMBER		#
GROUND CONNECTION		
TRANSFORMER		

ANNOTATIONS FOR SYMBOLS:

C = MOUNTED AT COUNTER HEIGHT
CL = CEILING MOUNTED
EX = EXPLOSION PROOF
4X = NEMA 4X RATED
GFI = GROUND FAULT INTERRUPTER
LV = LOW VOLTAGE
PL = PILOT LIGHT
WP = WEATHER PROOF
WT = WATER TIGHT
DF = DRINKING FOUNTAIN
FHC = FIRE HOSE CABINET
E = EXISTING TO REMAIN
R = EXISTING TO BE REPLACED
ER = EXISTING TO BE REMOVED
RL = EXISTING TO BE RELOCATED
NL = EXISTING IN NEW LOCATION
N = NEW IN EXISTING LOCATION

GENERAL DEMOLITION NOTES

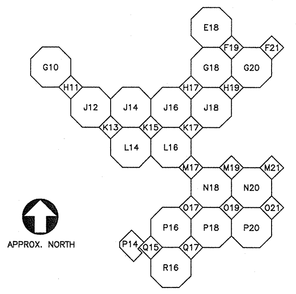
1. FOR ELECTRICAL DEVICES & EQUIPMENT TO BE REMOVED, CONTRACTOR SHALL REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE. FOR ELECTRICAL DEVICES AND EQUIPMENT TO BE RELOCATED, EXTEND ALL ASSOCIATED WIRING AND CONDUIT TO NEW LOCATION UNLESS NOTED OTHERWISE.
2. CANADA HAS FIRST RIGHT OF REFUSAL OF ALL REMOVED MATERIAL. IF CANADA REFUSES MATERIALS, CONTRACTOR IS TO REMOVE MATERIALS FROM THE SITE.
3. INFORMATION PERTAINING TO EXISTING CIRCUITS AND EQUIPMENT SHOWN ON THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS. BEFORE WORKING ON EQUIPMENT, TRACE WIRING BACK TO SOURCE AND ENSURE THAT ASSOCIATED CIRCUITS ARE DE-ENERGIZED.
4. ALL DEVICES TO BE REMOVED IN THIS BUILDING MAY NOT BE SHOWN ON DEMOLITION PLANS. CONTRACTOR TO CONFIRM SCOPE OF WORK OF DEMOLITION DURING THE PRE-TENDER SITE VISIT. NO EXTRA WILL BE ALLOWED FOR ITEMS WHICH A NORMAL PRE-TENDER SITE VISIT WOULD HAVE IDENTIFIED.
5. ALL POWER MONITORS AND ASSOCIATED CURRENT TRANSFORMERS IN THIS BUILDING MAY NOT BE SHOWN ON DEMOLITION PLANS. CONTRACTOR IS TO CONFIRM EXACT LOCATIONS AND QUANTITIES ON SITE. REPLACE CTS WITH NEW TO MATCH EXISTING. RE-USE PERMITTED FOR CTS INSTALLED WITHIN THE LAST FIVE YEARS.
6. THE NAFC HAS KNOWN DRYWALL JOINT COMPOUND ASBESTOS CONCERNS IN SOME AREAS OF THE BUILDING. IF THE REPLACEMENT OF ANY ELECTRICAL COMPONENT REQUIRES THE RESIZING/CUTTING OF AN OPENING IN A DRYWALL PARTITION THE CONTRACTOR IS TO REFER TO THE NAFC ASBESTOS MANAGEMENT PLAN AND CONTACT THE DEPARTMENTAL REPRESENTATIVE BEFORE PROCEEDING WITH THAT WORK.
7. ANY ASBESTOS ENCOUNTERED DURING CONSTRUCTION IS TO BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DEPARTMENTAL REPRESENTATIVE. ANY WORK STOPPAGE DUE TO SUCH DISCOVERY WILL NOT BE GROUNDS FOR ADDITIONAL COMPENSATION.
8. ANY WORK REQUIRED THAT DISTURBS OR REMOVES ASBESTOS MUST BE PROVIDED BY PERSONNEL TRAINED IN ACCORDANCE WITH REGULATIONS ON ASBESTOS CLEANUP AND ABATEMENT WORK AND CARRY APPROPRIATE ENVIRONMENT INSURANCE.
9. ALL PERSONNEL ENGAGED IN CLEANUP AND/OR ABATEMENT WORK MUST EXECUTE SO IN STRICT COMPLIANCE WITH ALL CANADA AND OH&S REGULATIONS.
10. UNDERTAKE ALL NECESSARY CUTTING AND PATCHING REQUIRED TO UNDERTAKE THE WORK, PAINT ALL TO MATCH EXISTING.
11. FIRESTOP AROUND ALL NEW AND EXISTING ELECTRICAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES, MECHANICAL ROOMS, ELECTRICAL ROOMS, INCLUDING FLOOR ASSEMBLIES, AND WALLS ENCLOSING FIRE STAIRS. INSTALL FIRESTOPPING STRICTLY IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
12. FILL-IN AND PATCH OPENINGS IN FLOOR, WALL, AND CEILING FINISHES RESULTING FROM THE REMOVAL OR ABANDONMENT OF EXISTING CONDUITS.
13. PATCH AND FINISH ALL FINISHES TO MATCH EXISTING THAT WERE IMPACTED BY THE WORK.
14. EXTEND CONCRETE PADS FOR TRANSFORMERS AS REQUIRED TO SUIT NEW EQUIPMENT DIMENSIONS.
15. FUSE RATINGS TO MATCH DISCONNECT RATING UNLESS OTHERWISE NOTED.



Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PROVINCE OF NEWFOUNDLAND AND LABRADOR
P2G Newfoundland and Labrador NATIONAL BOARD OF EXAMINERS
PERMIT HOLDER
This Permit Allows
CBCL LIMITED
To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by PEGNL D0178 which is valid for the year 2014.

REGISTERED PROFESSIONAL ENGINEER
MICHAEL J. DORMODY
SIGNATURE
Oct 23, 2014
DATE
NEWFOUNDLAND & LABRADOR



KEYPLAN
N.T.S.

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revisions		date

project / projet
NAFC LIFE CYCLE REPLACEMENTS SECONDARY TRANSFORMERS & CAPACITOR ST. JOHN'S, NL

drawing / dessin
ELECTRICAL LEGEND, NOTES & DETAILS

designed Z. ROBERTS/R. WHITEWAY conçu
date FEBRUARY 2014
drawn Z. ROBERTS/R. WHITEWAY dessiné
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