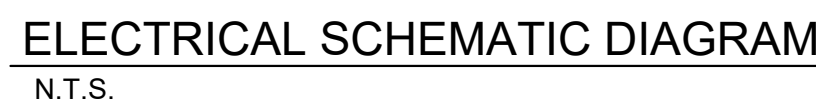




ELECTRICAL ROOM NOTES

1. PHYSICAL SIZES OF ELECTRICAL EQUIPMENT IN THE ELECTRICAL/MECHANICAL ROOM MUST BE OBTAINED AND DRAWN TO SCALE IN THE AVAILABLE ROOM SIZE PRIOR TO ORDERING THE EQUIPMENT
2. CONTRACTOR IS TO ENSURE THAT ALL EQUIPMENT CAN BE FIR IN THIS ROOM AND PROVIDE CLEARANCES AS PER THE ONTARIO SAFETY CODE
3. PROVIDE ALTERNATIVE EQUIPMENT/LAYOUT AS REQUIRED TO FIT ALL EQUIPMENT IN THIS AVAILABLE ROOM SIZE



NOTES:

- NOTES:
1. CONTRACTOR TO PROVIDE MAIN GROUNDING BAR CONNECTED TO EXTERIOR GROUNDING ELECTRODE.
 2. PROVIDE ALL REQUIRED GROUNDING AS PER THE ONTARIO ELECTRICAL SAFETY CODE.

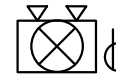
DRAWING NOTES

- 1 UNDERGROUND INCOMING HYDRO SERVICES, 347/600 VOLT, 3-PHASE, 4 WIRE, 600 AMP, 2 (4 MCM 350 - 4" PVC) REFER TO ELECTRICAL SITE PLAN FOR CONTINUATION.
- 2 UNDERGROUND DATA/ELECTROCOMMUNICATION 4" PVC CONDUIT C/W PULL STRING REFER TO ELECTRICAL SITE PLAN FOR CONTINUATION.
- 3 PROVIDE FORCE FLOW ELECTRIC HEATER 3000 WATTS, 208 VOLT, 1-PHASE C/W BUILT-IN ROOM THERMOSTAT. CCT H 3/5.
- 4 600 AMP MAIN DISCONNECT SWITCH AND HYDRO METER/CT 347/600 VOLT, 3-PHASE, 4 WIRE.
- 5 METER CENTER C/W CIRCUIT BREAKERS, TOTAL OF 16 METERS AND CIRCUIT BREAKERS REFER TO DISTRIBUTION DIAGRAM.
- 6 PROVIDE POWER FOR EXHAUST FAN, 120 VOLT, FRACTIONAL H.P. THE FAN TO BE CONTROLLED BY LINE THERMOSTAT. SUPPLIED BY THE MECHANICAL CONTRACTOR, INSTALLED/WIRED BY THE ELECTRICAL CONTRACTOR, CCT H 13.
- 7 LINE VOLTAGE ROOM THERMOSTAT FOR EXHAUST FAN CONTROL. SUPPLIED BY THE MECHANICAL CONTRACTOR, INSTALLED/WIRED BY THE ELECTRICAL CONTRACTOR.
- 8 TELEPHONE/DATA BACKBOARD, 4' HIGH, 3' WIDE, ¾" THICK FIRE RETARDANT PLYWOOD BOARD.
- 9 DRY CORE TRANSFORMER FROM 600 VOLT TO 120/208 VOLT, 3-PHASE, 4 WIRE, 30KVA. INSTALL THE TRANSFORMER ABOVE FLOOR AS HIGH AS POSSIBLE C/W SEISMIC STEEL SUPPORT CONTRACTOR IS TO RETAIN A QUALIFIED STRUCTURAL ENGINEER TO DESIGN AND REVIEW THE SUPPORT C/W SEALED & SIGNED DOCUMENT.
- 10 PROVIDE ELECTRICAL PANEL "H" 120/208 VOLT, 3-PHASE, 4 WIRE, 125 AMP MAINS, 30 CIRCUITS.

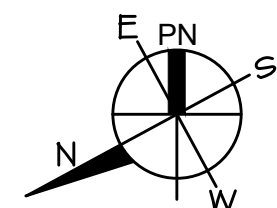
NOTES

1. ALL ITEMS INDICATED ON THIS DRAWING ARE NEW UNLESS OTHERWISE NOTED.
2. CONTRACTOR IS TO SUPPLY & INSTALL & WIRE ALL DEVICES NOTED ON THIS DRAWING UNLESS OTHERWISE NOTED.

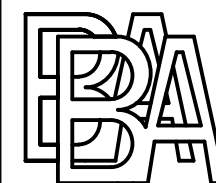
LEGEND

- | | |
|---|--|
|  | LED EXTERIOR WALL MOUNTED LIGHT FIXTURE CONNECTED TO HOUSE PANEL. LIGHT FIXTURE TO BE SPECIFIED BY THE OWNER. LIGHT FIXTURE TO BE CONTROLLED BY A CONTROL PHOTOCELL UNIT. PROVIDE THE PHOTOCELL SYSTEM C/W RELAY/CONTACTOR AS REQUIRED |
|  | SINGLE PHASE MOTOR C/W UNFUSED DISCONNECT SWITCH. POWER WIRING TO BE PROVIDED BY FUTURE TENANT, UNLESS OTHERWISE NOTED |
|  | UNFUSED DISCONNECT SWITCH |
|  | DISCONNECT SWITCH |
|  | CEILING JUNCTION BOX |
|  | WEATHER PROOF |
|  | FUTURE DRY CORE TRANSFORMER |
|  | FUTURE ELECTRICAL PANEL |
|  | STRIP FLOURESCENT LIGHT, 4'-0" LONG, LAMP: 2-32 WATTS, T8, 120 VOLT C/W WIRE GUARD & ELECTRONIC BALLAST |
|  | LIGHT SWITCH |
|  | DRY CORE TRANSFORMER |
|  | EMERGENCY BATTERY PACK 6VDC C/W EMERGENCY LIGHT HEADS AND 120 VOLT POWER OUTLET |
|  | DUPLEX RECEPTACLE |
|  | CIRCUIT BREAKER |
|  | HYDRO METER |

proj. north



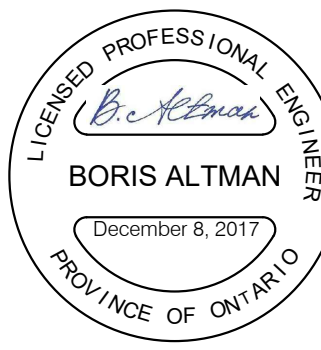
B.A. Design Ltd.
Complete Engineering Services



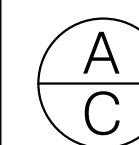
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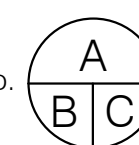
SEAL



1	ISSUED FOR PERMIT	08/Dec/2017
No	Revision	Date



A detail no.
B location drawing no.
C drawing no.



project

LONGFIELDS STATION
COMMERCIAL PLAZA

605 LONGFIELDS DRIVE
OTTAWA, ONTARIO

drawing

DIAGRAM & DETAIL

designed	H.D.
drawn	G.C.
revised	B.A.
date	08/Dec/2017
scale	AS NOTED
project no.	LCP12-2017
file no.	
drawing no.	

E-4