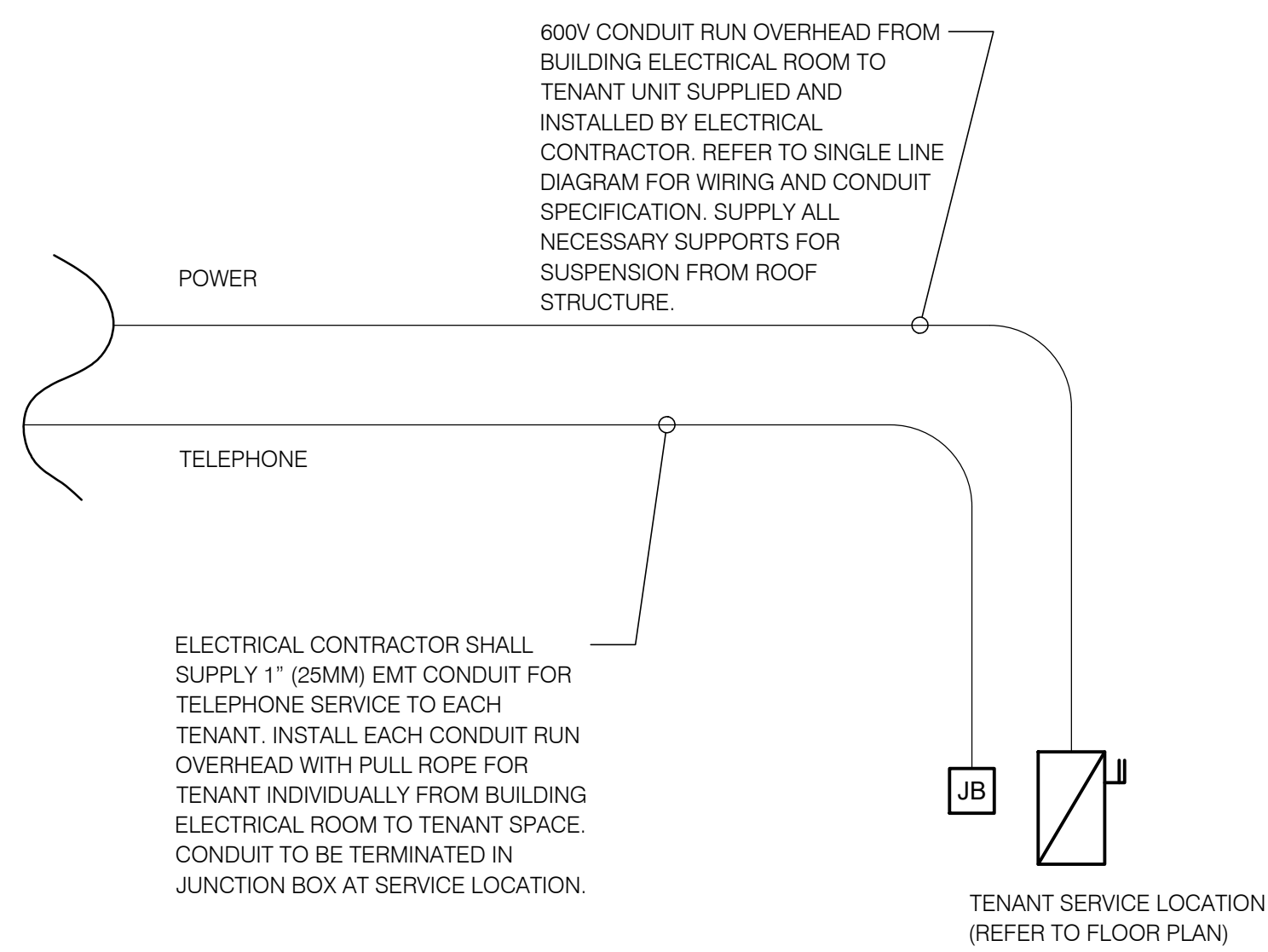
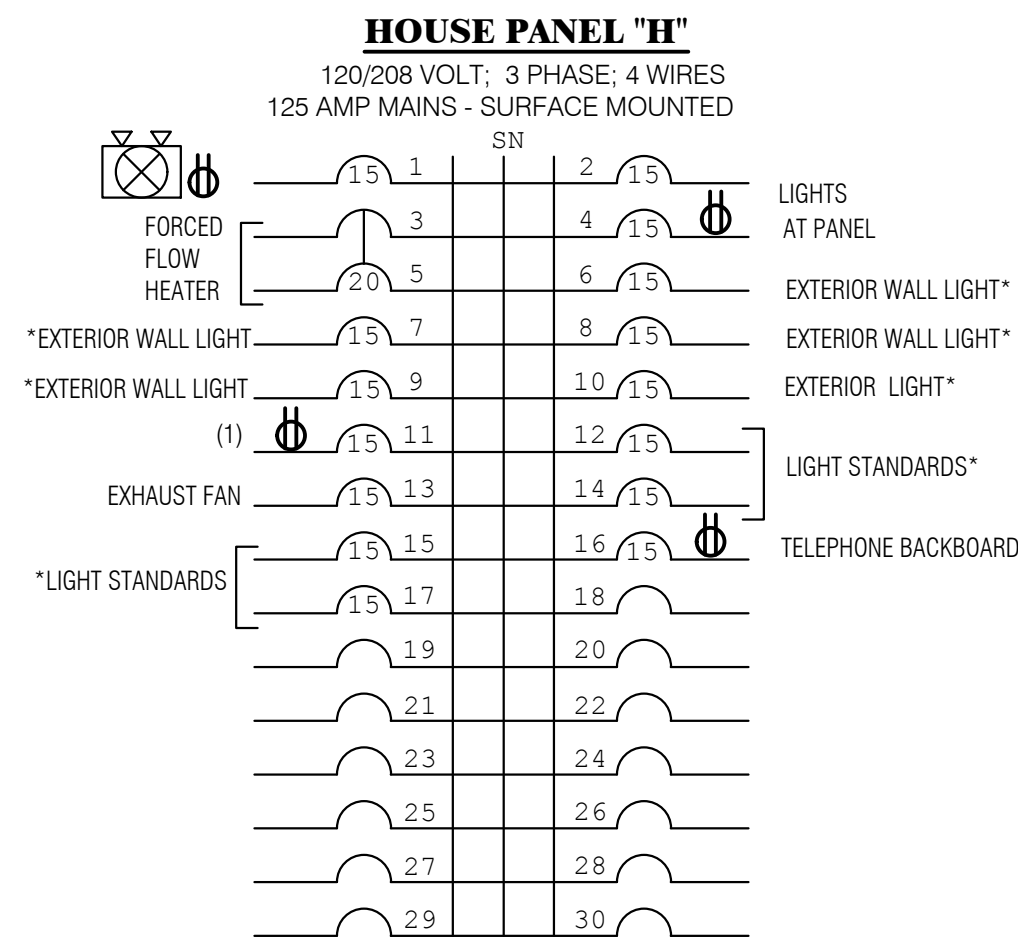


DETAIL MECHANICAL/ELECTRICAL ROOM LAYOUT
N.T.S.



TYPICAL TENANT SERVICE AND DETAIL
N.T.S.



ELECTRICAL PANEL
N.T.S.

* CIRCUIT TO BE CONTROLLED BY A CENTRAL PHOTOCELL. PROVIDE PHOTOCELL SYSTEM C/W RELAYS/CONTRACTORS AS REQUIRED.

ELECTRICAL ROOM NOTES:

- 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
- CONTRACTOR IS TO ENSURE THAT ALL EQUIPMENT CAN BE FIR IN THIS ROOM AND PROVIDE CLEARANCES AS PER THE ONTARIO SAFETY CODE
- PROVIDE ALTERNATIVE EQUIPMENT/LAYOUT AS REQUIRED TO FIT ALL EQUIPMENT IN THIS AVAILABLE ROOM SIZE

DRAWING NOTES

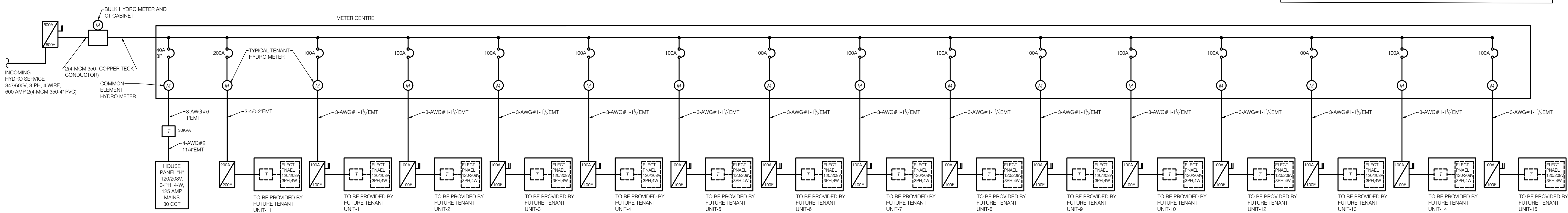
- UNDERGROUND INCOMING HYDRO SERVICES, 347/600 VOLT, 3-PHASE, 4 WIRE, 600 AMP, 2 (4 MCM 350 - 4" PVC) REFER TO ELECTRICAL SITE PLAN FOR CONTINUATION.
- UNDERGROUND DATA/TELECOMMUNICATION 4" PVC CONDUIT C/W PULL STRING REFER TO ELECTRICAL SITE PLAN FOR CONTINUATION.
- PROVIDE FORCE FLOW ELECTRIC HEATER 3000 WATTS, 208 VOLT, 1-PHASE C/W BUILT-IN ROOM THERMOSTAT. CCT H 3/5.
- 600 AMP MAIN DISCONNECT SWITCH AND HYDRO METER/CT 347/600 VOLT, 3-PHASE, 4 WIRE.
- METER CENTER C/W CIRCUIT BREAKERS, TOTAL OF 16 METERS AND CIRCUIT BREAKERS REFER TO DISTRIBUTION DIAGRAM.
- 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.
- LINE VOLTAGE ROOM THERMOSTAT FOR EXHAUST FAN CONTROL. SUPPLIED BY THE MECHANICAL CONTRACTOR, INSTALLED/WIRED BY THE ELECTRICAL CONTRACTOR.
- TELEPHONE/DATA BACKBOARD, 4" HIGH, 3' WIDE, 3/4" THICK FIRE RETARDANT PLYWOOD BOARD.
- 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.
- PROVIDE ELECTRICAL PANEL "H" 120/208 VOLT, 3-PHASE, 4 WIRE, 125 AMP MAINS, 30 CIRCUITS.

NOTES

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

LEGEND

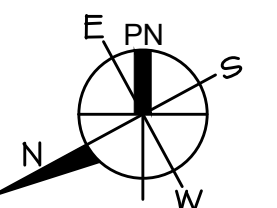
- LED EXTERIOR WALL MOUNTED LIGHT FIXTURE CONNECTED TO HOUSE PANEL. LIGHT FIXTURE TO BE SPECIFIED BY THE OWNER. LIGHT FIXTURE TO BE CONTROLLED BY A CONTROL PHOTOCELL. UNIT. PROVIDE THE PHOTOCELL SYSTEM C/W RELAY/CONTRACTOR AS REQUIRED
- SINGLE PHASE MOTOR C/W UNFUSED DISCONNECT SWITCH. POWER WIRING TO 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



ELECTRICAL SCHEMATIC DIAGRAM
N.T.S.

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

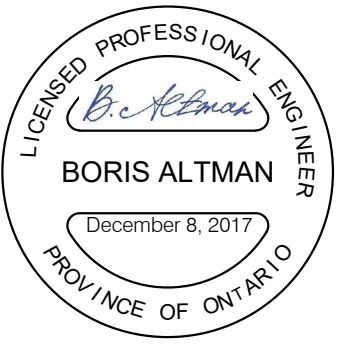
proj. north



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SEAL



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

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