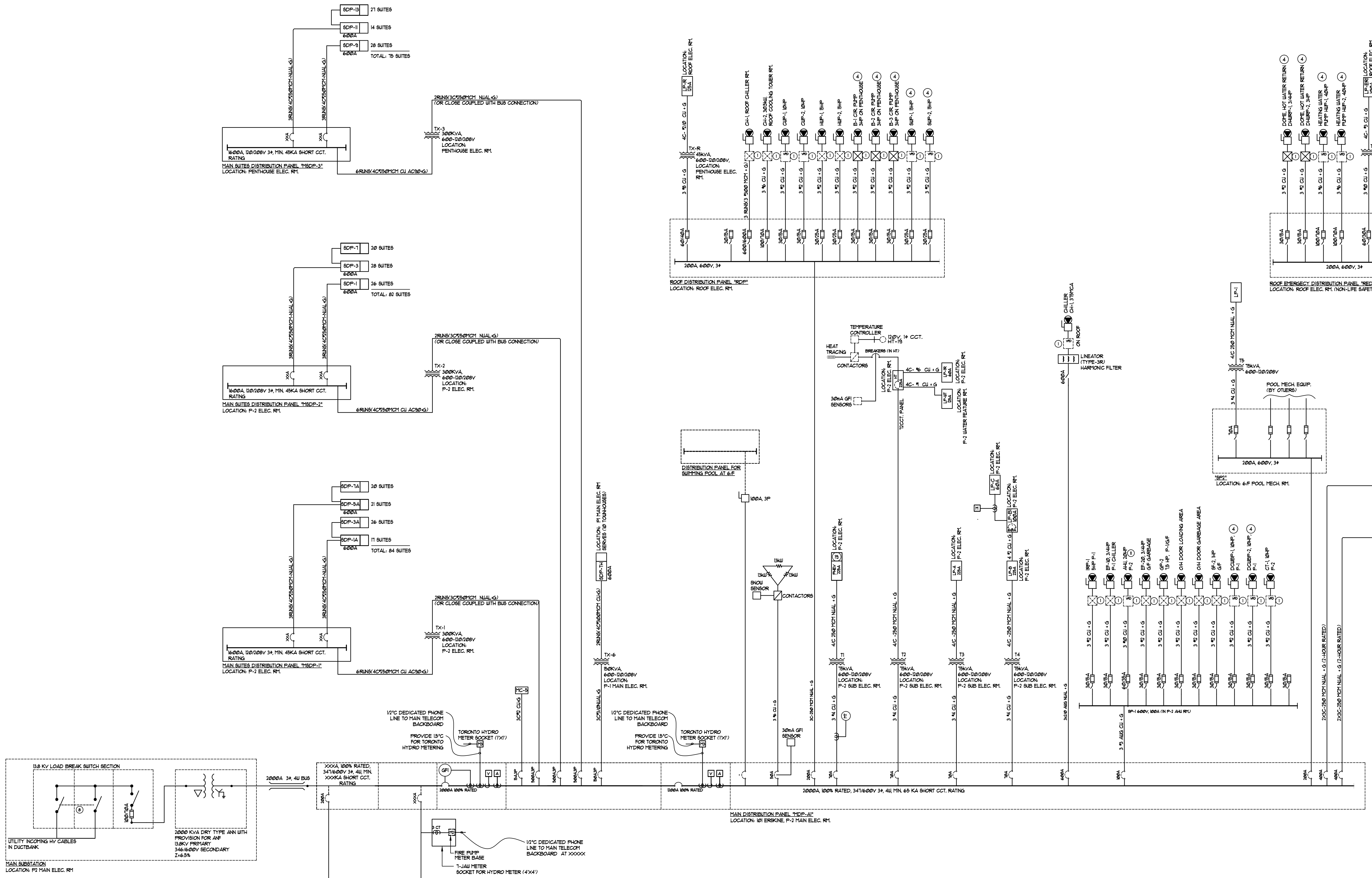
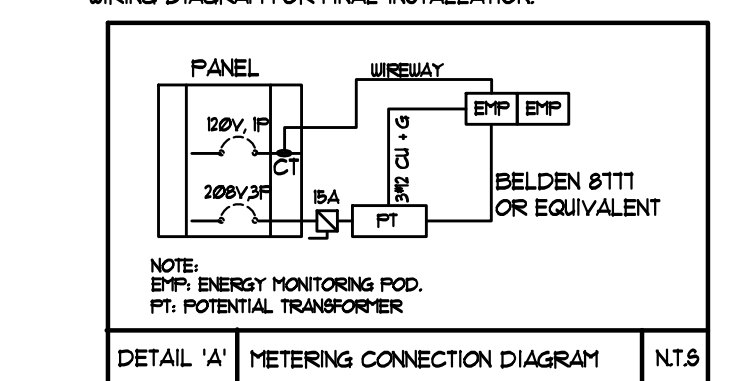




KEY NOTES

- STARTERS AND VFD STARTERS TO BE SUPPLIED BY MECHANICAL CONTRACTOR
- INTERLOCK BETWEEN GENERATOR AND ELEVATORS ELECTRICAL CONTRACTOR TO PROVIDE NECESSARY SIGNAL AND STOP CONTACTS AT ALL TERMINALS. ELEVATOR INTERLOCK REQUIREMENTS TO BE ALARM ACTIVATION AND/OR POWER OUTAGE SHALL BE BY ELEVATOR VENDOR
- ELECTRICAL CONTRACTOR TO PROVIDE A CONDUCTION NS-488 CABLE (BELTER INSULATED SHIELD OR GELCO 4880) IN 1/4" EFT CONDUIT
- ALL LOADS DEREGISTERED SHALL BE INTERLOCKED WITH THE FIRE PUMP. IE, WHEN THE FIRE PUMP STARTS, ALL THESE LOADS SHALL STOP RUNNING
- PROVIDE HYDRO METER BASE OUTLINE (EATON) 150-3 IN 1/4" EFT 300V GCM OF EFT. PROVIDE 1/4" EFT TO UTILITY COMPARTMENT OF MAIN OUTBOARD
- 1C - SINGLE CONDUCTOR CABLES TO RUN WITH 1 CABLE DIA. SEPARATION AND SUPPORTED BY METAL OR TRAIL AS PER EIA 3C OR 4C-3 OR 4-CONDUCTOR CABLES (ACU) WHEN EMBEDDED CONFORM WITH MANIF REQUIREMENTS 7-1-1
- MAIN FEEDERS TO TOILER ROOF AUTO-BOARDS/EQUIPMENT SHALL BE RUN IN ELECTRICAL SHUNT
- NEVA COOPERATION STARTER CUM SAFETY DISCONNECT (BY DIV. 8)
- ALL CABLES CONNECTING EQUIPMENT TO EMERGENCY POWER SHALL BE FIRE RATED 1-HR OR ENCLOSED IN OR A 1-HR APPROVED 2-HR FIRE RESISTANT ENCLOSURE
- NOT USED
- CONNECT AUX CONTACT TO CATCH MAIN START/STOP SWITCH FOR INTERLOCKS
- CONTRACTOR SHALL PROVIDE SHORT CIRCUIT STUDY AND RELAY COORDINATION STUDY WITH EQUIPMENT SUPPLIED TO ENSURE THAT ALL POWER DISTRIBUTION DEVICES COMPLY WITH SHORT CIRCUIT CURRENTS AND ARE PROPERLY COORDINATED
- GENERATOR ELEVATOR SHALL BE HORIZONTAL GRADE (VOCED) POOL AND RECTANGULAR SHAPE. CONTRACTOR TO FABRICATE VALVE/ENTER AFTER SITE REQUIREMENT
- 1-1 SIZE PENDING ON EQUIPMENT SHOP DRAWING DATA



- DETAIL A: HIGH VOLTAGE CUTOVER OWNED SUBSTATION REQUIREMENTS
- THE 3000 KVA DRY TRANSFORMER SHALL BE CERTIFIED TO CAN/CSA C22.2 NO.41-1900. THE IDENTIFICATION SHALL APPEAR ON THE TRANSFORMER NAMEPLATE. BULLETIN 34-8-1
 - A BLOCK OUTLINE AND SINGLE LINE DIAGRAM SHALL BE POSTED AT THE DISTRIBUTION DISCHARGER AND EACH SUBSTATION IN ACCORDANCE WITH RULE 34-4006
 - SUITABLE WARNING SIGNS SHALL BE INSTALLED AS REQUIRED BY RULE 34-4006, 34-100(4) AND BULLETIN 34-4-1
 - CONTRACTOR SHALL PROVIDE THE COVER OR DOOR INTERLOCKED WITH THE ISOLATING OR DISCONNECTING MEANS SO THAT THERE IS NO ACCESS TO THE REAR ALARMS THE ISOLATING OR DISCONNECTING MEANS IMMEDIATELY AHEAD OF THE REAR IS IN THE DISCONNECTED POSITION AND THE SWITCH CANNOT BE PLACED IN THE CLOSED POSITION UNTIL THE REAR COMPARTMENT HAS BEEN CLOSED. RULE 34-1008
 - THE TWO MAIN INCOMING SUPPLY 30KV SWITCHES SHALL BE INTERLOCKED TO PREVENT BOTH FROM BEING CLOSED AT ONE TIME. RULE 4-100
 - THE UNIT SUBSTATION SHALL BE GROUNDED TO THE MAIN STATION GROUND ELECTRODE BY RUNNING TWO 2/0 AWG COPPER GROUNDING CONDUCTORS. THE TWO GROUNDING CONDUCTORS SHALL BE PHYSICALLY SEPARATED SO THEY CANNOT BE REMOVED TOGETHER. THE GROUNDING CONDUCTOR LINE SHALL BE INCREASED CIRCUIT CURRENTS EXCEEDING 5000 AMPS. THE GROUNDING CONDUCTOR LINE SHALL BE INCREASED AND SHALL BE SUCH THAT IT WILL NOT SUFFER THERMAL DAMAGE OR BE A FIRE HAZARD. LARGER THE SEVEREST FAULT CONDITIONS OCCURRING IN THE TRANSFORMER
 - RULE 6-206 AND BULLETIN 4-1 REQUIRE THE CUSTOMER'S SERVICE EQUIPMENT BE INSTALLED WITHIN 10' FROM WHERE THE CUSTOMER'S SERVICE CONDUCTORS ENTER THE BUILDING. THE BUILDING PLANS SHALL SHOW THE SERVICE CONDUCTOR LENGTH IS LIMITED TO A MAXIMUM LENGTH OF 10' FROM THE BUILDING OR THAT ADDITIONAL PROTECTION IS INSTALLED AS DETAILED IN BULLETIN 4-1-1 AND RULE 4-1006

ELECTRICAL LEGEND

LIGHTING

- FLUORESCENT LIGHT FIXTURE, TYPE AS INDICATED
- NIGHT LIGHT OR LIGHT CONNECTED TO EMERGENCY POWER
- CEILING MOUNTED WALL MOUNTED LIGHT FIXTURE, INCREASED LETTER DENOTES TYPE
- POLE MOUNTED LIGHT FIXTURE, INCREASED LETTER DENOTES TYPE
- CAPPED CEILING LIGHT OUTLET
- TRACK LIGHT
- STRIP LIGHT
- UNDER CABINET FLUORESCENT LIGHT FIXTURE
- CEILING MOUNTED WALL MOUNTED EXIT SIGN
- SINGLE/DOUBLE EMERGENCY LIGHT HEAD
- EMERGENCY BATTERY PACK
- OCCUPANCY SENSOR POWER PACKS
- SINGLE/DOUBLE POLE, SINGLE/DOUBLE THROUGH DOUBLE SWITCH RESPECTIVELY
- 3/4" (3/4" D) DENOTES 3-WAY/4-WAY/PILOT LIGHT, OTHER SWITCHED LIGHT RESPECTIVELY
- MASTER LIGHTING SHUT-OFF SWITCH
- SENSOR WALL SWITCH, SELF POWERED
- OCCUPANCY SENSOR CEILING MOUNTED

POWER

- REGULAR DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE, GROUND FAULT INTERRUPT
- 3-1/2" 1-SLOT DUPLEX RECEPTACLE
- SINGLE RECEPTACLE, TYPE AND CONFIGURATION AS SPECIFIED FOR DRYER
- CONNECTION FOR OVERCLOCKING
- ADJUST COASTER DEVICE
- CEILING MOUNTED DEVICES
- FLOOR MOUNTED DEVICES
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- COPPERATION STARTER
- FRACTIONAL MOTOR/FAN DIRECT CONNECTION
- DIRECT CONNECTION, SINGLE PHASE
- DIRECT CONNECTION, THREE PHASE
- THERMOSTAT
- DRYER SENSOR
- HEAT TRACE
- ELECTRICAL HEATER
- ELECTRICAL PANEL / SECURITY PANEL

TELECOMMUNICATION

- TV/CABLE OUTLET
- TELEPHONE OUTLET
- TELEPHONE CABLE (MULTI-PORT OUTLET)
- DATA OUTLET
- DATA/TELEPHONE OUTLET
- IN-SITE TELEPHONE BOX (SU) RECEPTACLE
- WIFI LOCATION
- MUSIC SPEAKER / VOLUME CONTROL
- RADIO RECEIVER

SECURITY

- INTERCOM / INTERPHONE
- INTERCOM WITH CAMERA
- PANIC BUTTON / PANIC INTERCOM STATION
- CARD READER
- AUTOMATIC RELEASE CARD ACCESS/RADIO RECEIVER
- ELECTRIC STRIKE
- MAGLOCK
- DOOR CONTACT / WINDOW CONTACT
- AUTOMATIC DOOR OPERATOR
- MOTION DETECTOR
- PUSH BUTTON
- SECURITY CAMERA

LIFE SAFETY

- FIRE ALARM SMOKE DETECTOR
- SPOKE ALARM
- FIRE ALARM DUCT TYPE SMOKE DETECTOR
- FIRE ALARM HEAT DETECTOR
- FIXED TYPE, 80-120 DEGREE HEAT DETECTOR
- MOISTURE PROOF HEAT DETECTOR
- CO ALARM
- CO ALARM
- CO SENSOR / NO SENSOR
- FIRE ALARM MANUAL CALL STATION
- FRAGMENTARY HATCHET
- FIRE ALARM SMOKE/HORN WALL MTD.
- FIRE ALARM MINI-HORN WALL MTD.
- FIRE ALARM SPEAKER/SNOBE CEILING MTD.
- FIRE ALARM SPEAKER, CEILING MTD.
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM CONTROL PANEL

NO.	DESCRIPTION	BY
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PROJECT TITLE: ALEXANDRA PARK

XXX TORONTO ONTARIO

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