NOTES

1. CIRCUIT BREAKERS SHOWN REFLECT CONDITIONS AT TIME OF DESIGN. CONTRACTOR IS TO SURVEY ALL EXISTING PANELS BEFORE ORDERING NEW PANELS TO DETERMINE EXISTING CIRCUIT BREAKER QUANTITIES AND RATINGS.
2. REMOVE OLD PANEL NPPT-600A. RECONNECT EXISTING LOADS FED FROM EXISTING (OLD) PANEL NPPT-600A TO NEW PANEL NPPT-600A, WHICH WILL BE LOCATED IN SAME POSITION.
3. RECONNECT LOAD FED FROM 100AMP DISCONNECT SWITCH MOUNTED ON SIDE OF OLD PANEL NPPT-600 TO CIRCUIT BREAKER IN NEW PANEL. DELETE DISCONNECT SWITCH.
4. PROVIDE ELECTRONIC TRIP, LSI (LONG-TIME, SHORT-TIME, INSTANTANEOUS) CIRCUIT BREAKER.
5. PROVIDE LOCKABLE, SWITCH DUTY (NON AUTO) BREAKER.
6. RECONNECT TRANSFORMER T-X1 TO CIRCUIT BREAKER IN NEW PANEL NPPS-600. RETAIN EXISTING DISCONNECT SWITCH BESIDE PANEL.
7. RECONNECT HUMIDIFIER TO CIRCUIT BREAKER IN NEW PANEL NPPS-600. REMOVE ENCLOSED CIRCUIT BREAKER MOUNTED ADJACENT TO PANEL.
8. MOUNT EXTERNAL SPD UNIT AS CLOSE TO DISTRIBUTION PANEL AS POSSIBLE. USE LOW IMPEDANCE CABLE SUPPLIED BY SPD MANUFACTURER. WIRES TO BE AS SHORT AS POSSIBLE.

GENERAL NOTE

1. POSITION ALL NEW BREAKERS IN NEW PANELS TO CORRESPOND AS CLOSELY AS POSSIBLE TO PHYSICAL POSITION OF EXISTING BREAKERS TO FACILITATE RECONNECTION OF EXISTING WIRING. SHOW BREAKER POSITIONS ON SHOP DRAWINGS LOAD NAMES IDENTIFIED AS SHOWN BELOW.

BUILDING MHE

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S1' (ESSENTIAL)
BUILDING MHU

NEW PANEL EPPE-600 600V 3ø 600A BUS 25kAIC — 200A 3P

60A 3P | 40A 3P | 125A 3P | 70A 2P | 100A 3P | 15A 3P SPARE

EXTERNAL SPD (TYPE 1) (NEW) — UNKNOWN — TRANSFORMER ETE 75 kVA 600 : 208/120V

TO GUARD POST 'A'

PANEL ESPE-600 600VOLT, 3-PHASE

LOAD DIRECTORY – PANEL ESPE-600
** PUMP-C ** E-2E
** PUMP-G ** SEWAGE PUMP
** PUMP-T ** ELEVATOR
** PUMP-F ** MPNT-TOWER N
** MPF-6

PANEL EPPE-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL EPPE-208
** PANEL EPN-3 ** PANEL EPH-2
** PANEL EPG-1 ** PANEL EPF-1
** PANEL EPN-1

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S2' (NORMAL)
BUILDING MHU

NEW PANEL NPPE-600 600V 3ø 600A BUS 25kAIC — 225A 3P

60A 3P | 100A 3P | 15A 3P | 30A 3P | 15A 3P | 100A 3P | 15A 3P | 15A 3P SPARE

EXTERNAL SPD (TYPE 1) (NEW) — 100A 3P — 600V SPLITTER

TO HVAC ACU — TO PENTHOUSE UNIT HEATER — TO PENTHOUSE UNIT HEATER — AC UNIT — TRANSFORMER NTE 75 kVA 600 : 208/120V

TO HOOD EXHAUST — 100A 3P — TRANSFORMER NTR 75 kVA 600 : 208/120V

208 VOLT PANEL 'K' — 208 VOLT SUB-PANEL

PANEL NPPE-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL NPPE-208
** PANEL NPH-1 ** PANEL NPF-2
** PANEL NPN-2 ** REC. ROOM
** PANEL NPG-2 ** SNOW MELTING

BUILDING MHT

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S1' (ESSENTIAL)
BUILDING MHU

NEW PANEL EPPT-600 600V 3ø 600A BUS 25kAIC — 175A 3P

60A 3P | 50A 3P | 70A 2P | 100A 3P | 100A 3P | 15A 3P SPARE

EXTERNAL SPD (TYPE 1) (NEW) — PANEL P X-DPP 600V 3ø 100A — 50A 3P (ID BLDG.) — 20A 3P | 15A 3P | 15A 3P

TRANSFORMER X-PTI02 15 kVA 600 : 208/120V

TO HVAC ACU — TO HEATING UNIT

208 VOLT PANEL 'L' (SEARCH & CONTROL AREA)

PANEL ESPT-600 600VOLT, 3-PHASE

LOAD DIRECTORY – PANEL ESPE-600
** SYSTEM T1-S ** PUMP-T
** SYSTEM T1-R ** T-1S(HW PUMP)
** SYSTEM T2-S ** T-1S(CIRC. PUMP)
** SYSTEM T2-R ** 550 V WELDING
** T4E(EX. FAN.)

EPPT-600SP

TRANSFORMER ETT 75 kVA 600 : 208/120V

PANEL EPPT-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL EPPT-208
** PANEL PPB05 ** PANEL EPT3
** PANEL PP165
** PANEL EPT4

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S2' (NORMAL)
BUILDING MHU

EXISTING PANEL NPPT-600 600V 3ø (RETAIN) — 400A 3P

150A 3P | 15A 3P | 15A 3P | 150A 3P | 15A 3P | 20A 3P | 70A 3P | 200A 3P | 150A 3P

CHILLED WATER PUMP #2 (5.8A) FLA — TO CHILLED H2O PUMP (5.8A) FLA — TO CHILLER CONDENSER — TO CHILLER RLA=55A

TRANSFORMER PT-BDS 15 kVA 600 : 208/120V — 208 VOLT PANEL NPPTA

TRANSFORMER NTT 150 kVA 600 : 208/120V

200A 3P — 600V SPLITTER (ME ROOM 153)

30A 3P | 30A 3P | 60A 3P | 100A 3P

TO ROOF ACU-2 — TO ROOF ACU-1 — TRANSFORMER (NEW-NO TAG) 25 kVA 600 : 208/120V

600V SPLITTER — 208 VOLT PANEL PPNP

(TO HVAC LOADS)

3C #1/0 AWG CU + BOND IN 41mm C

70A 3P | 100A 3P | 125A 3P | 100A 3P | 125A 3P

PANEL NPPT-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL NPPT-208
** STOVE ** NPPT-5
** NPPT SUB-PNL ** NPPT-1
** NPPT-6 ** KITCHEN H2O HTR

200A 3P — 600V SPLITTER (IN TUNNEL)

100A 3P — TRANSFORMER NTT 75.0 kVA 600 : 208/120V — 400A 3P — 250A — 250V SPLITTER — 100A 3P

FVU-LPB — FVU-LPA — FVU-LPA

208 VOLT PANEL LP-B — 208 VOLT PANEL LP-A — 208 VOLT PANEL LP-A

(TO FAMILY VISITING UNITS)

NEW PANEL NPPT-600A 600V 3ø 600A BUS 25kAIC — 150A 3P

15A 3P | 70A 3P | 15A 3P SPARE | 60A 3P | 100A 3P

UNKNOWN — TO 40kW HEATER TUNNEL 'Q' — EXTERNAL SPD (TYPE 1) (NEW) — UNKNOWN

KEY PLAN SCALE: N.T.S.

LEGEND
- LIGHT SOLID LINES INDICATE EXISTING FEEDERS AND EQUIPMENT TO REMAIN
- LIGHT DASHED LINES INDICATE EXISTING PANELS TO REMAIN.
- DARK DASHED LINES INDICATE EXISTING EQUIPMENT AND FEEDERS TO BE REMOVED.
- DARK SOLID LINES INDICATE NEW EQUIPMENT AND FEEDERS.

BUILDING MHJ

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S1' (ESSENTIAL)
BUILDING MHU

NEW PANEL EPPJ-600 600V 3ø 600A BUS 25kAIC — 200A 3P

60A 3P | 100A 3P | 40A 2P | 30A 3P | 100A 3P | 15A 3P SPARE

TRANSFORMER ETJM 30 kVA 600 : 208/120V — TRANSFORMER ETJ 75 kVA 600 : 208/120V

EXTERNAL SPD (TYPE 1) (NEW) — TO GUARD POST 'D' — 208 VOLT PANEL 'ESM'

PANEL ESPJ-600 600VOLT, 3-PHASE

LOAD DIRECTORY – PANEL ESPJ-600
** SEWAGE PUMP ** WELD OUTLET
** SIMPLEX PUMP ** SYSTEM J1E
** PUMP-T ** ACU FAN
** PUMP-K ** MPK-6
** PUMP-I ** MPL-6
** SYSTEM J2E ** ELEVATOR

PANEL EPPJ-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL EPPJ-208
** PANEL EPL-1
** PANEL EPM-1
** PANEL EPK-1

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S2' (NORMAL)
BUILDING MHU

NEW PANEL NPPJ-600 600V 3ø 600A BUS 25kAIC — 200A 3P

60A 3P | 150A 3P | 70A 3P | 100A 3P | 30A 3P | 15A 3P SPARE

200A 3P — 600V SPLITTER — TRANSFORMER NTJ 75 kVA 600 : 208/120V — AH4 (POST (ROOF AIR HANDLING UNIT)

EXTERNAL SPD (TYPE 1) (NEW) — 600V SPLITTER — TRANSFORMER (NO TAG) 75.0 kVA 600 : 208/120V

30A 3P | 100A 3P — TO M CORRIDOR ACU-2 — TRANSFORMER (NO TAG) 45 kVA 600 : 208/120V — 60A 3P

TRANSFORMER (NO TAG) 75.0 kVA 600 : 208/120V — 208 VOLT PANEL 'J-UNIT'

208 VOLT PANEL 'PPBM'

PANEL NPPJ-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL NPPJ-208
** ACU 'A' ** PANEL NPM
** ACU 'B' ** PANEL NPK
** REC. ROOM ** PANEL NPL
** (UNKNOWN)

BUILDING MHS

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S1' (ESSENTIAL)
BUILDING MHU

NEW PANEL EPPS-600 600V 3ø 600A BUS 25kAIC — 225A 3P

60A 3P | 20A 3P | 70A 2P | 50A 3P | 100A 3P | 15A 3P | 100A 3P | 15A 3P SPARE

TRANSFORMER ETS1 15 kVA 600 : 208/120V — TRANSFORMER ETS 75 kVA 600 : 208/120V

EXTERNAL SPD (TYPE 1) (NEW) — 208 VOLT PANEL EPS9 — TO WELDING OUTLET — TO TOWER 2 — TO SEWAGE GRINDER

600 VOLT PANEL MPS1

100A 3P | 100A 3P | 70A 3P | 70A 3P | 20A 3P

PANEL EPPS-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL EPPS-208
** PANEL EPSA ** PANEL EPS-7
** AC UNIT ** PANEL EPS-1
** PANEL EPS-6 ** PANEL ESA

CONTINUED FROM DRAWING E-2
600 VOLT DISTRIBUTION PANEL 'S2' (NORMAL)
BUILDING MHU

NEW PANEL NPPS-600 600V 3ø 600A BUS 25kAIC — 200A 3P

60A 3P | 15A 3P | 100A 3P | 30A 3P | 15A 3P | 50A 2P | 40A 3P | 100A 3P | 15A 3P SPARE

EXTERNAL SPD (TYPE 1) (NEW) — "NEW TRANSF" — TRANSFORMER (NO TAG) 15 kVA 600 : 208/120V — TO HUMIDIFIER — TRANSFORMER NT-S1 30 kVA 600 : 208/120V — TRANSFORMER NTS 75 kVA 600 : 208/120V

UNKNOWN — 208 VOLT PANEL NPS-8

100A 3P — TRANSFORMER T-X1 75 kVA 600 : 208/120V — TO EXTERIOR LIGHTING

50A 2P — TRANSFORMER 600V 120/240V SINGLE PHASE — 125A 2P

208 VOLT PANEL (HOSPITAL S BLDG S2?) — 120/208 VOLT SINGLE PHASE PANEL UPSTAIRS

50A 3P | 20A 3P | 100A 3P | 100A 3P | 125A 3P | 100A 3P

PANEL NPPS-208 208/120V, 3-PHASE

LOAD DIRECTORY – PANEL NPPS-208
** PANEL NPS-3 ** PANEL NPS-4
** PANEL NPS-2 ** PANEL NPS-A
** X-RAY ** (UNKNOWN)

revision		date
04		
03		
02		
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Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

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B drawing no. — where detail required dessin no. — où détail exigé
C drawing no. — where detailed dessin no. — où détaillé

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