

**SPECIFIC ELECTRICAL NOTES**

- 1 WIRE AND CONNECT HANDICAP DOOR OPERATOR AND ASSOCIATED PUSHBUTTONS AS REQUIRED. COORDINATE WITH DOOR OPERATOR SUPPLIER.
- 2 NEW LIGHTING IS TO REPLACE EXISTING. (TYPICAL IN ORIENTATION NODE) REUSE EXISTING CIRCUITRY.
- 3 MOUNTED ON ROOF.
- 4 MOUNTED ON ROOF AS PER WEB 26-704.

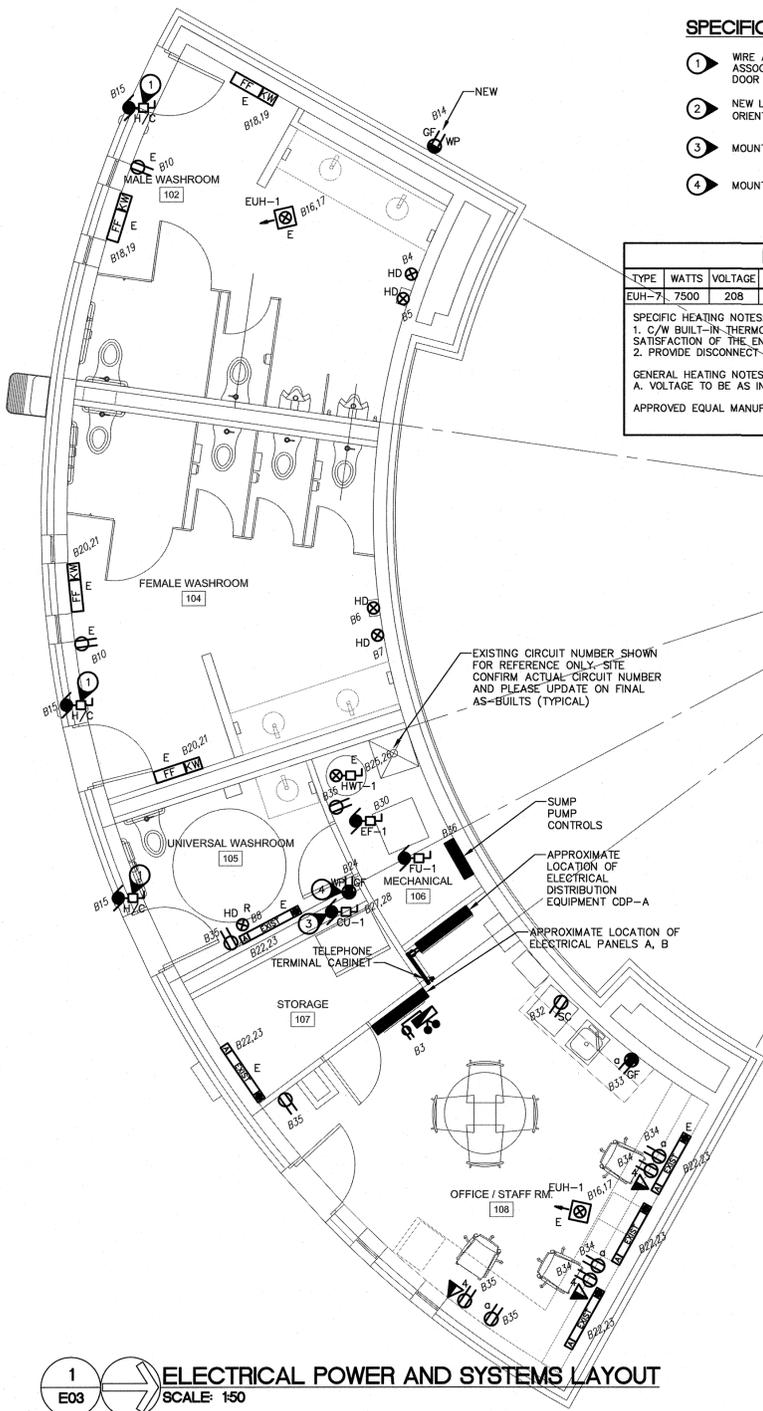
**HEATING SCHEDULE**

TYPE	WATTS	VOLTAGE	DESCRIPTION	MANUFACTURER	CATALOGUE NO.	NOTES
EUH-7	7500	208	UNIT HEATER	OUELLET	OAS075	1,2

**SPECIFIC HEATING NOTES:**  
 1. C/W BUILT-IN-THERMOSTAT. MOUNT SECURELY WHERE INDICATED TO THE SATISFACTION OF THE ENGINEER.  
 2. PROVIDE DISCONNECT SWITCH.

**GENERAL HEATING NOTES:**  
 A. VOLTAGE TO BE AS INDICATED ABOVE UNLESS OTHERWISE NOTED ON DRAWINGS.

APPROVED EQUAL MANUFACTURES: DIMPLEX, STELPRO



**1 ELECTRICAL POWER AND SYSTEMS LAYOUT**  
 SCALE: 1:50

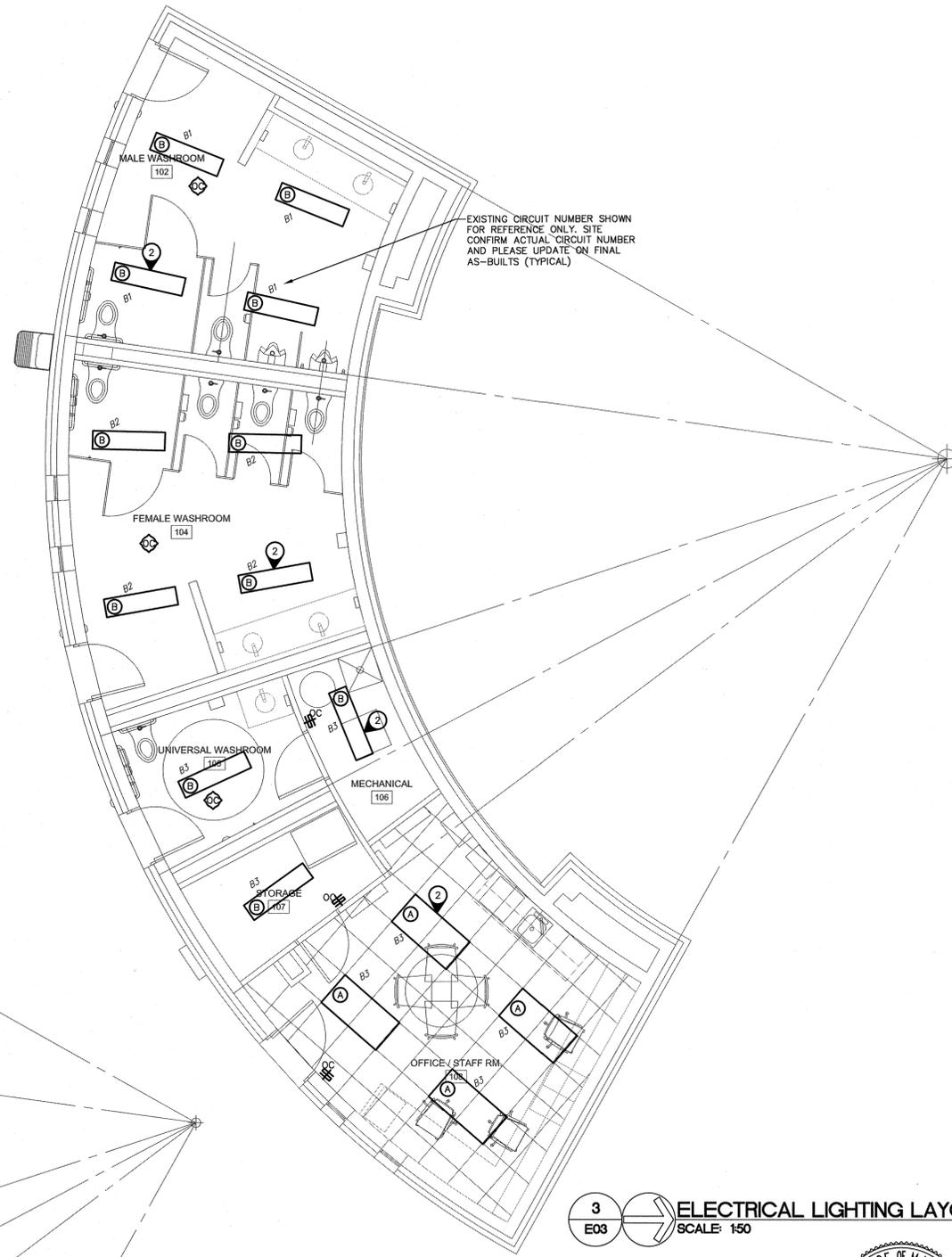
**MOTOR SCHEDULE**

NO.	DESCRIPTION	LOCATION	VOLTAGE	HP/W/MCA	C.B.	COND.	STARTER	NOTES
HRV-1	HEAT RECOVERY VENTILATOR	CRAWLSPACE	120V-1PH	1/3HP	20A-1P	#12	-	1
PHC-1	PREHEAT COIL	CRAWLSPACE	208V-1PH	9KW	60A-2P	#6	-	1
FU-1	ELECTRIC FURNACE	MECHANICAL 106	208V-1PH	11.25KW	70A-2P	#4	PACKAGED	1
CU-1	CONDENSING UNIT	ROOF	208V-1PH	17.7MCA	30A-2P	#10	-	1
HWT-1	EXISTING HOT WATER TANK	MECH ROOM	EXIST	-	-	-	-	-
SP-1A/B	SUMP PUMP	CRAWLSPACE	120V-1PH	FRAC.	15A-1P	#12	-	1,4
EF-1	EXHAUST FAN	MECHANICAL 106	120V-1PH	FRAC.	15A-1P	#12	-	1

**SPECIFIC NOTES**  
 1. WIRE AND CONNECT AS REQUIRED. REFER TO MECHANICAL.  
 2. MAGNETIC STARTER BY ELECTRICAL CONTRACTOR.  
 3. MANUAL STARTER BY ELECTRICAL CONTRACTOR.  
 4. COORDINATE INSTALLATION OF PATHWAYS TO PIT FOR SUMP PUMP WIRING.

**GENERAL NOTES**  
 A. MANUAL STARTERS TO BE C/W OVERCURRENT PROTECTION.  
 B. ALL DISCONNECT SWITCHES TO BE SUPPLIED BY ELECTRICAL CONTRACTOR.  
 C. ELECTRICAL CONTRACTOR TO PROVIDE CIRCUIT BREAKERS AND WIRING ACCORDING TO THE FINAL NAMEPLATES OF ALL THE MECHANICAL EQUIPMENT.  
 D. ALL LOW VOLTAGE CONTROL WIRING BY MECHANICAL CONTRACTOR.  
 E. ALL LINE VOLTAGE CONTROL WIRING BY ELECTRICAL CONTRACTOR - REFER TO MECHANICAL SECTION. CO-ORDINATE EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR.

**2 ELECTRICAL CRAWLSPACE LAYOUT**  
 SCALE: 1:100



**3 ELECTRICAL LIGHTING LAYOUT**  
 SCALE: 1:50

**RENOVATED NODE LUMINAIRE SCHEDULE**

TYPE	DESCRIPTION	CATALOG NUMBER	EQUAL #1	EQUAL #2
A	2'x4' FIXTURE MOUNTED IN T-BAR	LITHONIA 2CTL4 48L E21 LP840 47W LED	PACO LIGHTING - PRCD-24-LED-40-40-A1-MVOLT 40W LED	AIMLITE -T19BR-4-L-A2-4-40K 62W LED
B	1'x4' FIXTURE VANDAL RESISTANT	LITHONIA VAP 6000LM FST WD MVOLT G210 40K 80CRI 64W LED	RIG A LITE - FW4 LED50W 120-277 50W LED	Aimilite -VWK4-L-A2-40K 54W LED
T	EXTERIOR SURFACE MOUNTED TRELIS FIXTURE	BEGA 33429 6.5W LED	NEWSTAR: NSOHS-M-40K-RF-12-BK 19.2W LED	Aimilite: B21C-L A1-2/D/F/CUSTOM TEXTURED GRAPHITE FINISH 52W LED

**LUMINAIRE SCHEDULE NOTES:**  
 1. COLOUR TEMPERATURE TO BE 4000K & 85 CRI, UNLESS OTHERWISE NOTED.  
 2. UTILIZE EXISTING CONTROLS FOR ALL OUTDOOR LUMINAIRES.

**GENERAL ELECTRICAL NOTES**

1. EXISTING RECEPTACLES NOT INTERFERING WITH DEMOLITION/CONSTRUCTION ARE TO REMAIN.
2. ALL NEW WIRING IS TO BE RECESSED WITH THE FOLLOWING EXCEPTION: SURFACE CONDUIT IS ACCEPTABLE ON ALL CONCRETE BLOCK WALLS.



**APEGM**  
 Certificate of Authorization  
 Nova 3 Engineering Ltd.  
 No. 962 Date: 2016.05.13

**NOVA 3 ENGINEERING LTD.**  
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Revision	Description	Date
4		
3		
2		
1		
0	ISSUED FOR CONSTRUCTION	MAY 13, 2016

**PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

Project Title: **THE FORKS NATIONAL HISTORIC SITE INFRASTRUCTURE UPGRADES**

**THE FORKS WINNIPEG, MANITOBA**

Designed by: **DZ**  
 Drawn by: **ITS**  
 Approved by: **Christina Kovacs**  
 PWGSC Project Manager: **Christina Kovacs**  
 Drawing Title: **Orientation Node Electrical Drawings**

**ENLARGED ORIENTATION NODE ELECTRICAL DRAWINGS**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
<b>R.075208.001</b>	<b>E03</b>	<b>0</b>