



- DRAWING NOTES:**
- EBB#2 AND EBB#3 SHALL BE C/W 2-24V9W DC HEADS. ALL EMERGENCY EXIT LIGHTS AND DC HEADS CONNECTED TO THIS BATTERY BANK SHALL BE 24V DC. TYPICAL.
 - ALL VENTILATION FANS, FIRE ALARM DEVICES, EMERGENCY AND EXIT LIGHTS INSIDE GYMNASIUM AREA TO BE VANDAL-PROOF AND FITTED WITH WIRE GUARDS. TYPICAL.
 - PROVIDE VOLTAGE SENSING RELAY SYSTEM FOR EMERGENCY BATTERY BANK 1A & 1B (EBB#1A, EBB#1B). THE SYSTEM WILL MONITOR VOLTAGE OF ALL LIGHTING CIRCUITS IN GYM.
 - REFER TO MECHANICAL DRAWING FOR EXACT LOCATION OF ALL MOTORS AND MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN. TYPICAL.
 - CEILING PROP FANS TO BE SUPPLIED BY THE MECHANICAL DIVISION AND INSTALLED & WIRED BY THE ELECTRICAL DIVISION. MECHANICAL TO PROVIDE PROTECTION GUARD. COORDINATE WITH THE ELECTRICAL DIVISION.
 - PROVIDE 1" EMPTY EMT CONDUIT C/W PULLSTRING. CONNECT TO PANEL 2P FOR FUTURE SCOREBOARD POWER.
 - PROVIDE 3/4" EMPTY EMT CONDUIT C/W PULLSTRING. CONNECT TO PANEL 2P FOR FUTURE RETRACTABLE CURTAINS. PROVIDE 3W AND GROUND.
 - PROVIDE 3/4" EMPTY EMT CONDUIT C/W PULLSTRING. FOR FUTURE SOUND SYSTEM.
 - PROVIDE WIREGUARD FOR EMERGENCY LIGHTS IN PUBLIC BATHROOMS 107,108.
 - REPLACE ALL CONVENTIONAL FIRE ALARM DEVICES WITH ADDRESSABLE DEVICES. TYPICAL. CONTRACTOR SHALL CONFIRM ON SITE FOR EXACT NUMBER OF DEVICES.
 - PROVIDE ADDITIONAL SECURITY DEVICES AND WIRE BACK TO THE EXISTING SECURITY PANEL (DSC PC 5010). THE CONTRACTOR SHALL MAKE ALL PROVISIONS TO UPGRADE THE SECURITY SYSTEM IF REQUIRED TO ACCOMMODATE THE ADDITIONAL DEVICES.
 - PROVIDE 3/4" EMPTY CONDUIT FROM PANEL 2P TO FUTURE BASKETBALL BACKSTOP WINCH MOTOR JB.

NO.	REVISION	DATE	BY
4	GENERAL REVISION	04/08/08	TT
3	ISSUED FOR BID OPPORTUNITY	03/27/08	TT
2	ISSUED FOR 99% REVIEW	02/07/08	TT
1	ISSUED FOR 75% REVIEW	01/22/08	TT
0	ISSUED FOR 50% REVIEW	12/05/07	TT

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF THE ARCHITECT AND CAN BE REPRODUCED ONLY WITH THE PERMISSION OF THE ARCHITECT IN WHICH CASE THE REPRODUCTION MUST BEAR THE NAME OF THE ARCHITECT.

THIS DRAWING SHALL NOT BE SCALED. FOLLOW GIVEN DIMENSIONS ONLY.

THE CONTRACTOR SHALL SATISFY HIMSELF THAT ALL DIMENSIONS AND INFORMATION SHOWN ARE CORRECT.

PRIOR TO COMMENCEMENT OF WORK REPORT ANY DISCREPANCIES TO THE ARCHITECT.

VARIATIONS AND MODIFICATIONS TO WORK SHOWN WILL NOT BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE ARCHITECT.

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 THAI TONTHAT, P.ENG
 DATE: 03.27.08

APEGM
 Certificate of Authorization
 Tower Engineering Group
 No. 1918 Expiry: April 30, 2008

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PROJECT TITLE:
NORBERRY-GLENLEE COMMUNITY CENTRE EXPANSION
 26 MOLGAT AVENUE
 WINNIPEG, MB

SHEET TITLE:
ELECTRICAL POWER & SYSTEMS LAYOUT

No.	MANUFACTURER	CATALOGUE NO.	INPUT VOLTS	OUTPUT VOLTS	SOURCE PANEL	QUANTITIES			MINIMUM WATTAGE x 1.25
						E-1	4P	3P	
EBB#1A	LUMACELL	RG24S432/2-DR1130-50W SHSPETD	120	24	PNL 2L	1	1	1	178 W
EBB#1B	LUMACELL	RG24S432/2-DR1130-50W SHSPETD	120	24	PNL 2L	2	1	1	180 W
EBB#2	LUMACELL	RG24S-288-2-MQM20W	120	24	PNL 2L	3	1	4	260 W
EBB#3	LUMACELL	RG24S-550-2-MQM20W	120	24	PNL 2L	6	1	8	465 W

NOTES:
 E-1 LUMACELL LMCE-UN
 4P LUMACELL DR-2-130-WH-MR16-24V20W
 3P LUMACELL DR1130-50W 24VDC

MAIN FLOOR PLAN
 SCALE 1:100

DRAWN BY	SCALE	SHEET NUMBER
DR	AS SHOWN	E-4.0
CHECKED BY	DATE	
TT	04/08/08	
PROJECT NUMBER	REVISION	
06-017	4	