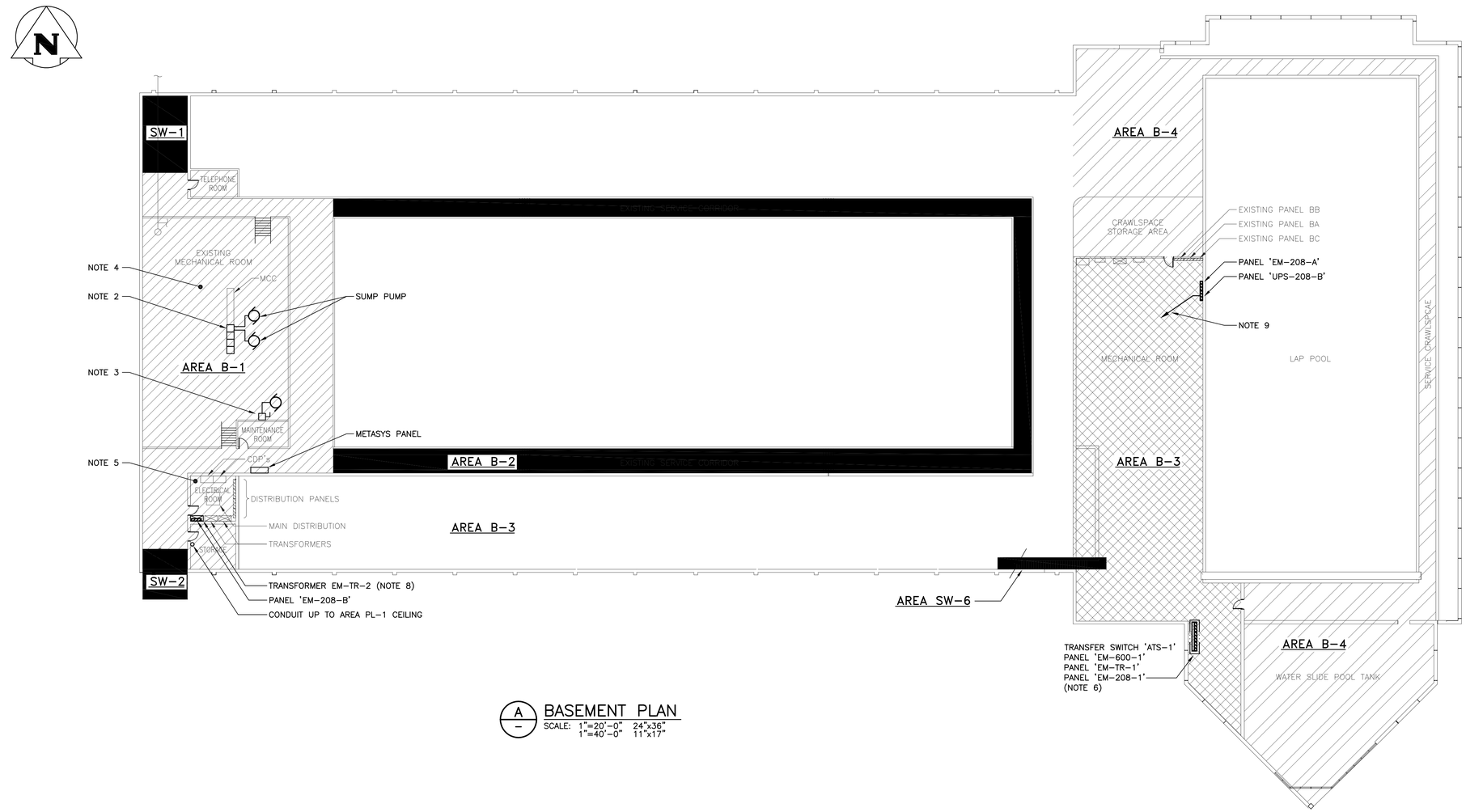

A / – BASEMENT PLAN
SCALE: 1"=20'-0" 24"x36"
1"=40'-0" 11"x17"

SEE NOTE 7

AREA No.	DESCRIPTION	FIXTURES / CIRCUITS	EM PANEL	NO. OF CIRCUITS
B-1	BASEMENT EAST MECHANICAL RM, ELECTRICAL RM & WEST STORAGE	EXISTING – PROVIDE ONE CIRCUIT PER ROOM	EM-208-B	4
B-2	BASEMENT SERVICE CORRIDOR	EXISTING – PROVIDE ONE CIRCUIT PER ROOM	EM-208-B	3
B-3	BASEMENT WEST MECHANICAL RM & CRAWLSPACE STORAGE	EXISTING – PROVIDE TWO CIRCUITS PER ROOM	EM-208-A	2
B-4	WATERSLIDE POOL TANK & EAST SERVICE CRAWLSPACE	EXISTING – CONNECT ALL LIGHTING CIRCUITS	EM-208-A	3
SW-1	STAIRWELL No.1 (NORTHWEST)	EXISTING – CONNECT ALL LIGHTING CIRCUITS	EM-208-B	2
SW-2	STAIRWELL No.2 (SOUTHWEST)	EXISTING – CONNECT ALL LIGHTING CIRCUITS	EM-208-B	2
SW-6	STAIRWELL No.6 (EAST MECH RM/ SOUTH CRAWLSPACE)	EXISTING – CONNECT ALL LIGHTING CIRCUITS	EM-208-A	2

NOTES:

1. REMOVE FEEDS TO EXISTING SUMP PUMPS. MARK STARTERS AS SPARE. PROVIDE NEW STARTERS FOR SUMP PUMPS AND FEED FROM EMERGENCY POWER.
2. SUPPLY CANTRUSS RACK AT SIDE OF EXISTING MCC FOR NEW 4–PLEX. NEW STARTERS: FVNR, HOA SIZE 1 (NEMA). RE–USE EXISTING IN–SLAB CONDUIT TO BASE OF MCC AND EXTEND TO NEW STARTERS. REMOVE EXISTING CONDUCTORS AND PROVIDE NEW 3C #12 PLUS GROUND WIRE.
3. PROVIDE NEW 30A DISCONNECT FOR COMPRESSOR. LOCATE ON SIDE OF MAINTENANCE OFFICE ADJACENT TO COMPRESSOR. REMOVE ALL EXISTING WIRING AND CONDUITS.
4. PROVIDE ONE CIRCUIT TO MECHANICAL ROOM FOR EXISTING LIGHTING (PANEL EM–208–B).
5. PROVIDE NEW 150A 3P BREAKER IN EXISTING MAIN DISTRIBUTION HORIZON CE3150N, 25kA I.C. (SYM.), FOR "NORMAL FEED."
6. PROVIDE A NEW CANTRUSS MOUNTING RACK FOR EMERGENCY TRANSFER SWITCHES, PANELS, TRANSFORMER, ETC. USE EXISTING CONCRETE HOUSINGKEEPING PAD.
7. THIS CHART DESCRIBES – IN GENERAL TERMS – THE LIGHTING ON CIRCUITS TO BE CONNECTED TO THE NEW ELECTRICAL DISTRIBUTION SYSTEM. IN ALL CASES, A MINIMUM OF ONE CIRCUIT WILL BE MODIFIED. IN MOST CASES, TWO OR MORE CIRCUITS WILL BE INCLUDED. INCLUDE IN THE TENDERED PRICE ONE ADDITIONAL CIRCUIT IN EACH DESIGNATED AREA – WHICH CAN BE IDENTIFIED AFTER THE "AS–IS" DRAWINGS ARE PREPARED. THIS NOTE IS TYPICAL FOR ALL DRAWINGS. THE CONTRACTOR SHALL SELECT CIRCUITS AND REVIEW WITH CONTRACT ADMINISTRATOR TO ENSURE EVEN LIGHTING.
8. RUN NEW 600V FEED FOR NEW TRANSFORMER EM–TR–2 UP TO MAIN FLOOR AREA PL–1 CEILING SPACE, THEN FOLLOW ROUTING SHOWN FOR UPS FEEDER ON DRAWING E3.
9. RUN NEW 208V FEED FOR NEW PANEL UPS–208–B ALONG SAME ROUTE AS FEEDER PER NOTE 8.
10. PROVIDE MONITORING PANEL FOR BOTH GENERATOR (PER CSAC282 ALARM POINTS) AND TRANSFER SWITCH. PROVIDE CONDUCTORS TO GENSET ENCLOSURE IN CONDUIT. PROVIDE CONNECTION AND TWO NEW "POINTS" ON EXISTING METASYS BMS FOR "GENERATOR TROUBLE" COMMON ALARM AND ANOTHER FOR UPS ON BATTERY.

NO.	D / M / Y	DESCRIPTION	BY
0	30/06/06	ISSUED FOR TENDER	

REVISIONS / ISSUE

A. SECTION LETTER OR DETAIL NUMBER
B. DRAWING WHERE SECTION OR DETAIL IS DRAWN
OR
DRAWING WHERE SECTION OR DETAIL WAS INDICATED
— SECTION OR DETAIL SHOWN ON SAME DRAWING

KGS GROUP
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WINNIPEG (204) 896–1209
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CLIENT: CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

PROJECT:
INSTALLATION OF EMERGENCY GENERATOR AT PAN–AM POOL – 25 POSEIDON BAY
TENDER No. 404–2006

DWG. DESCRIPTION:
ELECTRICAL
BASEMENT PLAN

ENG. STAMP: PROVINCE OF MANITOBA A.R.D. PAWLIKEWICH Member 23235 REGISTERED PROFESSIONAL ENGINEER

DESIGNED: BY: AP CHECKED:
DRAWN: BY: GCN CHECKED:
APPROVED:
SCALE: AS NOTED
DATE: JUN/2006
KGS DWG. NO. 06–0107–08 E2
CLIENT DWG. NO.
REV: 0

APEGM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2007

24x36B
FileName: P:\PA\Pecile\BOIGE\06-0107-08\Drawings\06-0107-08E2.DWG – Tab: E2 Plotted By: BOige 06/29/2006 [Thu 4:12pm]
24"x36"/PLOT SCALE:1"=1"
03-0107-08E2.DWG GNELSON 01\31\03 14:48