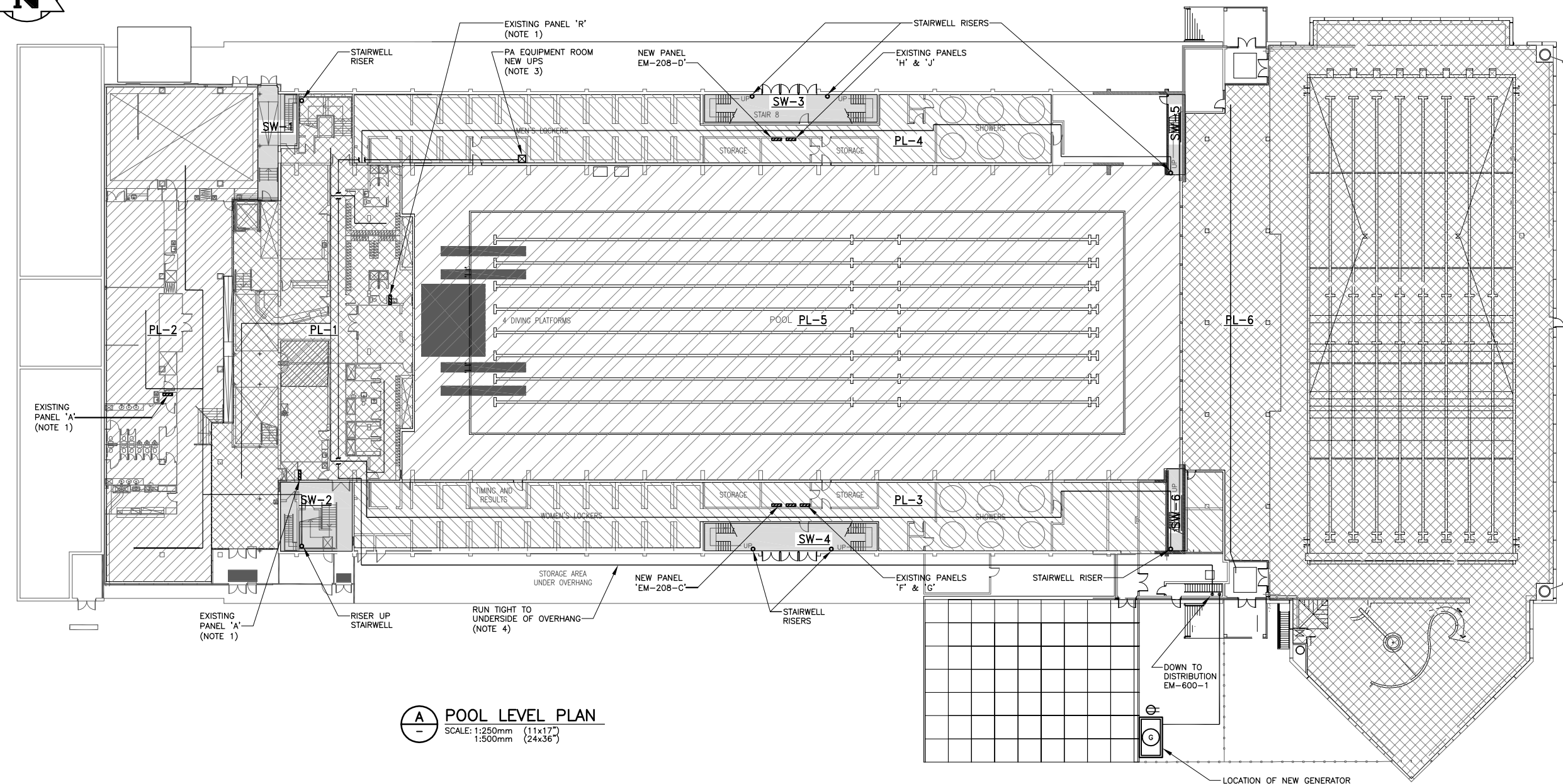


File Name: P:\Projects\2006\06-0107-08\Elect\Draws\06-0107-08E03R1.dwg - Tab: E3 Plotted By: B0ige 11/21/2006 [Tue 2:14pm]  
 24"x36" PLOT SCALE: 1"=1'



**A POOL LEVEL PLAN**  
 SCALE: 1:250mm (11x17")  
 1:500mm (24x36")

SEE NOTE 7 ON DRAWING E2

AREA No.	DESCRIPTION	FIXTURES	EM PANEL	NO. OF CIRCUITS
PL-1	POOL LEVEL	TRANSFER A MINIMUM OF 20 FIXTURES	EM-208-B	6
PL-2	POOL LEVEL	TRANSFER A MINIMUM OF 12 FIXTURES	EM-208-B	6
PL-3	POOL LEVEL WOMEN'S LOCKERS & SHOWERS	TRANSFER A MINIMUM OF 20 FIXTURES	EM-208-C	3
PL-4	POOL LEVEL MEN'S LOCKERS & SHOWERS	TRANSFER A MINIMUM OF 20 FIXTURES	EM-208-D	3
PL-5	POOL LEVEL - MAIN POOL	SEE DRAWING E4		
PL-6	POOL LEVEL - LAP POOL	SEE DRAWING E4		
SW-1	STAIRWELL No.1 (NORTHWEST)	MINIMUM ONE FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		1
SW-2	STAIRWELL No.2 (SOUTHWEST)	MINIMUM ONE FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		1
SW-3	STAIRWELL No.3 (NORTH CENTRAL)	MINIMUM 3 FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		3
SW-4	STAIRWELL No.4 (SOUTH CENTRAL)	MINIMUM 3 FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		3
SW-5	STAIRWELL No.5 (NORTHEAST)	MINIMUM ONE FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		1
SW-6	STAIRWELL No.6 (SOUTHEAST)	MINIMUM ONE FIXTURE PER LANDING. CONTRACTOR MAY TRANSFER ALL FIXTURES		1

**NOTES:**

1. PROVIDE A JUNCTION BOX WITH ONE, TWO OR THREE CIRCUITS FROM PANEL EM-208-B. LOCATE ABOVE PANEL SHOWN. SEE DETAIL.
2. THE INTENT IS TO PROVIDE HALF OF THE LIGHTING IN THE STAIRWELLS WITH NEW CIRCUITS. IT IS UNKNOWN IF CIRCUITING IS ON A RISER OR HORIZONTAL FEED. INCLUDE FOR ONE CIRCUIT PER FLOOR IN STAIR.
3. LOCATE UPS IN THIS ROOM. RUN 600V FEEDER TO NEW EM-600-1 DISTRIBUTION UP AND UNDER BLEACHERS IN VOID SPACE AND THROUGH CEILING OF PL-1 AREA AND OUTSIDE TO NEW DISTRIBUTION. RUN FEEDER FOR NEW PANEL. PROVIDE SIGNAL TO METASYS TO INDICATE UPS ON BATTERY POWER.
4. PROVIDE NEW PAD MOUNTED W.P. GENSET. PROVIDE 2438x3048 [8' x 10'] REINFORCED CONCRETE PAD. RUN FEEDER FROM GENERATOR UNDERGROUND IN A TRENCH TO NEW STAIRWELL AND THROUGH WALL. THEN DOWN TO NEW DISTRIBUTION. PROVIDE WATER-TIGHT SEAL AT WALL. PENETRATE ABOVE GRADE. PROVIDE TWO 25mm [1"] PVC CONDUITS WITH FEED, ONE FOR BLOCK HEATER & BATTERY CHARGING CIRCUITS (PANEL EM-208-1) AND ONE FOR GENSET ALARM/CONTROL. PROVIDE A LOCAL DUPLEX RECEPTACLE NEAR THE GENSET.

1	22/11/06	ISSUED FOR ADDENDUM #2	
0	23/10/06	ISSUED FOR TENDER	
NO.	D / M / Y	DESCRIPTION	BY

REVISIONS / ISSUE	
A	B
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** CONSULTING ENGINEERS & PROJECT MANAGERS  
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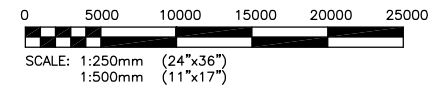
CLIENT: CITY OF WINNIPEG  
 PUBLIC WORKS DEPARTMENT

PROJECT: INSTALLATION OF EMERGENCY GENERATOR AT PAN-AM POOL - 25 POSEIDON BAY TENDER No. 663-2006

DWG. DESCRIPTION: ELECTRICAL POOL LEVEL

ENG. STAMP	DESIGNED: AP	DRAWN: GCN
APPROVED:	CHECKED:	CHECKED:
SCALE: AS NOTED	DATE: OCT/2006	
KGS DWG. NO. 06-0107-08	E3	

CLIENT DWG. NO. 663-P-E03 REV: 1



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