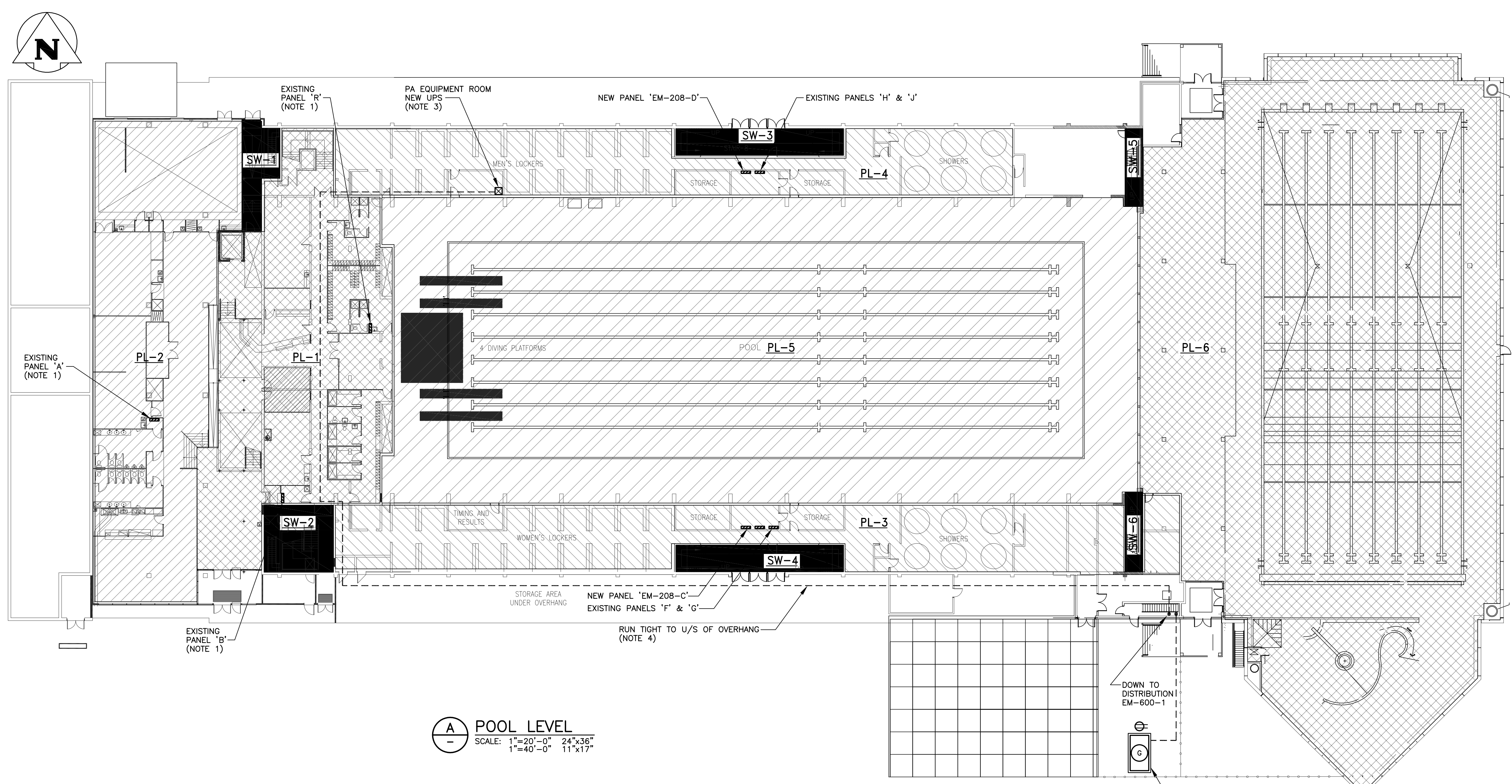


File Name: P:\Projects\2006\06-0107-08\Elect\Drawings\06-0107-08E03.dwg - Tab: E3 Plotted By: BÖige 06/29/2006 [Thu 4:13pm]  
 24 x 36" PLOT SCALE: 1"=1'



**A** POOL LEVEL  
 SCALE: 1"=20'-0" 24"x36"  
 1"=40'-0" 11"x17"

SEE NOTE 7 ON DRAWING E2

AREA No.	DESCRIPTION	FIXTURES / CIRCUITS	EM PANEL	NO. OF CIRCUITS
PL-1	POOL LEVEL	EXISTING - CORRIDOR LIGHTING CIRCUITS	EM-208-B	6
PL-2	POOL LEVEL	EXISTING - CORRIDOR LTG. & ONE ROOM LTG. CCT.	EM-208-B	6
PL-3	POOL LEVEL WOMEN'S LOCKERS & SHOWERS	EXISTING - CORRIDOR LIGHTING	EM-208-C	3
PL-4	POOL LEVEL MEN'S LOCKERS & SHOWERS	EXISTING - CORRIDOR LIGHTING	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)	NOTE 2		1
SW-2	STAIRWELL No.2 (SOUTHWEST)	NOTE 2		1
SW-3	STAIRWELL No.3 (NORTH CENTRAL)	ALL LIGHTING CIRCUITS IN STAIRWELL		3
SW-4	STAIRWELL No.4 (SOUTH CENTRAL)	ALL LIGHTING CIRCUITS IN STAIRWELL		3
SW-5	STAIRWELL No.5 (NORTHEAST)	ALL LIGHTING CIRCUITS IN STAIRWELL		1
SW-6	STAIRWELL No.6 (SOUTHEAST)	ALL LIGHTING CIRCUITS IN STAIRWELL		1

**NOTES:**

1. PROVIDE A JUNCTION BOX WITH ONE, TWO OR THREE CIRCUITS FROM PANEL EM-208-B. LOCATE ABOVE PANEL SHOWN. SEE DETAIL (B)
2. THE INTENT IS TO PROVIDE 1/2 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 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 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.

0	30/06/06	ISSUED FOR TENDER	
NO.	D / M / Y	DESCRIPTION	BY
REVISIONS / ISSUE			
A		A. SECTION LETTER OR DETAIL NUMBER	
B		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. 404-2006

DWG. DESCRIPTION: ELECTRICAL POOL LEVEL

ENG. STAMP	DESIGNED: AP	DRAWN: GCN
APPROVED:	CHECKED:	CHECKED:
SCALE: AS NOTED	DATE: JUN/2006	
KGS DWG. NO. 06-0107-08	E3	
CLIENT DWG. NO.		REV: 0

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