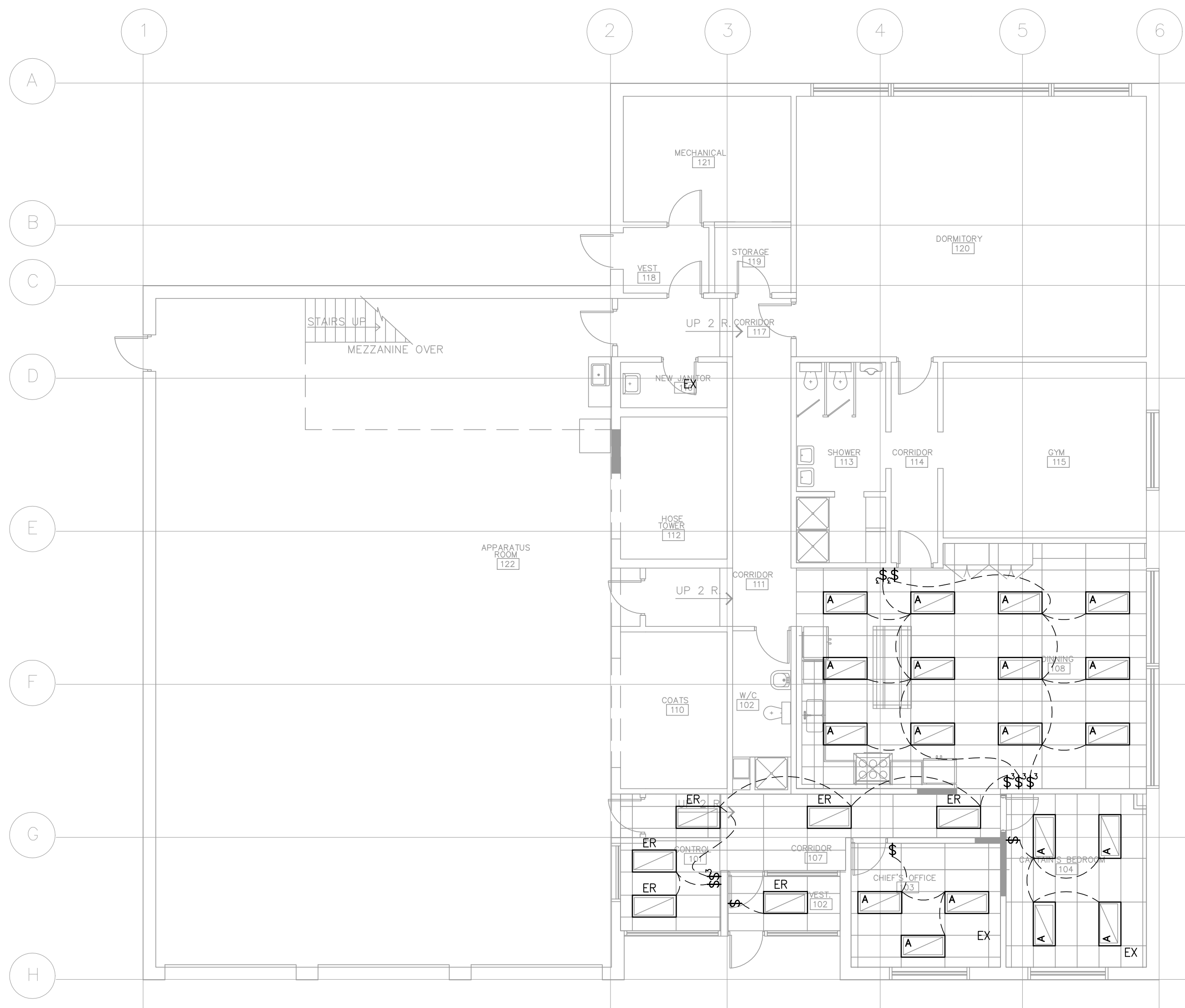


ELECTRICAL PLAN - POWER & SYSTEMS
SCALE: 1/8"=1'-0"



ELECTRICAL PLAN - LIGHTING
SCALE: 1/8"=1'-0"

DRAWING NOTES:

- 1 CONFIRM ELECTRICAL REQUIREMENTS WITH OWNER/INTERIOR DESIGNER PRIOR TO ROUGH-IN.
- 2 PROVIDE NEW BREAKERS/CABLE AS NOTED IN EXISTING PANELS. MATCH ELEC. CHARACTERISTICS OF LOWEST RATE KAIC BREAKER.
- 3 SCOPE OF WORK AREA. MAKE ALL PROVISIONS TO DEMOLISH EXISTING AND PROVIDE NEW AS NOTED.

LUMINAIRE SCHEDULE

- A. 2x4' PRISMATIC LENSED TROFFER.
2 x 32W T8
METALUX 2GR8-232A OR APPROVED EQUIVALENT.

TOWER ENGINEERING GROUP
1-1140 WAVERLEY STREET WINNIPEG, MB R3T 0P4
TEL: 204-925-1150 FAX: 204-925-1155
towereng@towereng.ca www.towereng.ca
• WINNIPEG • CALGARY • CAMBRIDGE

TOWER PROJECT NUMBER: 12431

PANEL 150 (NEW)		VOLTAGE : SEE SINGLE LINE BUS : SEE SINGLE LINE		PHASE : SEE SINGLE LINE WIRE : SEE SINGLE LINE	
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS
COFFEE MAKER	1600	20	1	2	15
GAS RANGE	200	15	3	4	15
KITCHEN COUNTER REC.	200	15	5	6	15
KITCHEN COUNTER REC.	200	15	7	8	
KITCHEN COUNTER REC.	200	15	9	10	
RANGE HOOD	200	15	11	12	
HTG. : OKW	LTG. : OKW	MTR. : OKW	MISC. : 2.6KW TOTAL : 2.6KW		

PANEL 200 (EX)		VOLTAGE : 120/240V BUS : 200A		PHASE : 1 WIRE : 3	
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS
LOCKER EXHAUST FAN	15	1	22	15	CONTROL AIR COMP.
TOWER FORCE FLOW	15	2	23	15	REST FORCE FLOW
RECIRCULATING PUMP	15	3	24	15	UH-1
UH-2	15	4	25	15	UH-3
UH-4	15	5	26	15	UH-5
DRINK, FOUNTAIN COMP.	15	6	27	15	HOIST
CONTROLS + PRIM PUMP	15	7	28	15	SPARE
SPARE	15	8	29	2P	
HEAT LOOP PUMP	15	9	30	15	CAR PLUGS
TOWER EXHAUST FAN	15	10	31	-	CAR PLUGS
OPP. ROOM SUPPLY FAN	20	12	33	2P	COOR OPENER
CONDENSATE PUMP	20	13	34	15	CAR PLUGS
	20	14	35	2P	
HOT WATER HEATING PUMP	20	16	37	2P	DISHWASHER
	20	17	38	15	
OUTSIDE CAR PLUGS	15	18	39	2P	CAR PLUGS
	20	19	40	15	
	30	20	41	40	
	20	21	42	2P	
HTG. : OKW	LTG. : OKW	MTR. : OKW	MISC. : OKW TOTAL : OKW		

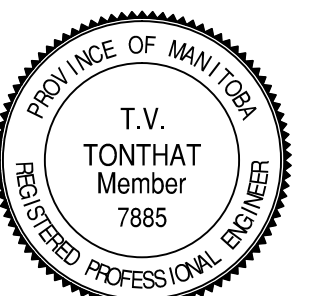
PANEL 100 (EX)		VOLTAGE : 120/240V BUS : 200A		PHASE : 1 WIRE : 3	
DESCRIPTION	LOAD WATTS	BKR SIZE	CIRCUIT	BKR SIZE	LOAD WATTS
OPP. ROOM LIGHTS	15	1	22	15	OPP. ROOM PLUGS
OPP. ROOM LIGHTS	15	2	23	15	OPP. ROOM PLUGS
OPP. ROOM LIGHTS	15	3	24	15	OPP. ROOM PLUGS
OPP. ROOM LIGHTS	15	4	25	15	CORR. MECH. OPP RM PLUGS
OPP. ROOM LIGHTS	15	5	26	15	CORR. OPP PLUGS
UNDER MEZZ. REST. MECH RM LTG	15	6	27	?	CORR. REST. CONTROL RM PLUGS
DORMITORY LIGHTS	15	7	28	15	UPS
DORM. SHOWER, KITCHEN LIGHTS	15	8	29	15	LOUNGE, CORR. COMP. TV PLUGS
WASHROOM & LOCKER LIGHTS	15	9	30	15	HALL PLUGS
LOUNGE LIGHTS	15	10	31	15	FRIDGE
LOUNGE LIGHTS	15	11	32	15	?
CORRIDOR LIGHTS	15	12	33	15	FRIDGE
CONTROL, VESTIBULE & EXT. LTG	15	13	34	15	DORMITORY PLUGS
OFFICE, BEDROOM LTG & STORAGE	15	14	35	15	FUTURE
CORRIDOR & COAT LIGHTS	15	15	36	20	ALARM BELL
TOWER & STORAGE LIGHTS	15	16	37	20	SPARE
FLOOD LIGHTS	15	17	38	20	SPARE
EXTERIOR LIGHTS	15	18	39	50	PANEL 150
DINING 108 PLUG	15	19	40	2P	
DINING 108 PLUG	15	20	41	40	A/C
[SPARE]	15	21	42	2P	
HTG. : OKW	LTG. : OKW	MTR. : OKW	MISC. : OKW TOTAL : OKW		

NOTES:
△ : CHANGE TO PANEL, BREAKER, OR LOAD 2

NO.	DATE	DESCRIPTION	BY
4	NOVEMBER 27, 2015	ISSUED FOR REVIEW	MM
3	FEBRUARY 18, 2015	ISSUED FOR REVIEW	MM
2	APRIL 9, 2013	ISSUED FOR REVIEW	MM
1	APRIL 3, 2013	ISSUED FOR REVIEW	MM

DRAWN BY
PRINTING DATE

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SYNERGY INTERIOR DESIGN INC
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204 233 9159
nalvine@synergyinteriors.com

DATE MARCH 2013 SCALE AS NOTED REVISIONS 0
DRAWN BY JD CHECKED BY MM

STATION 10, 1354 BORDER ST. WINNIPEG, MB.
CITY OF WINNIPEG

AUTOCAD NUMBER DWG. E2.0