



CIRCUITS:

DESCRIPTION	VOLTAGE	NO. RECD	AMPS	CIRCUIT NO.
GROUND FLOOR	220	---	---	---
DORMITORY AND BATHROOM	220	---	---	---
DINING HALL	220	---	---	---
GUEST ROOM/OFFICE	220	---	---	---
LAUNDRY	220	---	---	---
KITCHEN APPLIANCES	220	---	---	---
DORMITORY AND BATHROOM	220	---	---	---
UPPER FLOOR	220	---	---	---
DORMITORY AND BATHROOM	220	---	---	---
GUEST ROOMS/OFFICE	220	---	---	---
STANDARD CONDUCTOR SIZE IS 16 AWG, WHICH IS ADEQUATE FOR ALL CIRCUITS.				

- NOTES**
1. THE SERVICE ENTRANCE PANELBOARD CAN BE INSTALLED EITHER INSIDE OR OUTSIDE. IF INSTALLED ON THE OUTSIDE IT SHALL BE ENCLOSED IN A NEMA 3R OR EQUIVALENT OUTSIDE RATED ENCLOSURE.
 2. THE PANELBOARD MUST BE INSTALLED ON THE GROUND LEVEL IN A LOCATION THAT IS EASILY ACCESSIBLE AND NOT OBSTRUCTED.
 3. THE PANELBOARD SHALL BE RATED AT 75-100 AMPS, 220 VOLTS. IT SHALL CONTAIN AT LEAST 16 SPACES, AND THE FOLLOWING CIRCUIT BREAKERS:
 A. 6-10 AMP
 B. 6-15 AMP
 4. ELECTRICAL CONDUIT IS TYPICALLY INSTALLED WITHIN THE WALL BY CHIPPING OUT BLOCK. INSTALLING CONDUIT, AND ROUTING TO FINISH. STRUCTURAL MEMBERS NEED TO BE PROTECTED AND SHOULD NOT BE COMPROMISED BY INSTALLATION OF IMBEDDED ELECTRICAL CONDUIT. REFER TO STRUCTURAL PLAN. IN THESE INSTANCES IT IS HIGHLY RECOMMENDED THAT THE ELECTRICAL INSTALLATION BE SURFACE MOUNT. EITHER ARMORED CABLE OR SURFACE CHANNEL IS RECOMMENDED. UNPROTECTED CONDUCTOR MOUNTED TO THE WALL IS NOT RECOMMENDED.
 5. CEILING FAN IN STAIRWAY IS TEMPORARY UNTIL SECOND LEVEL IS INSTALLED.