PANEL BUS SIZE MAINS MOUNTING HI VOLTAGE LOW VOLTAGE ISO GRD BUS GROUND BUS AIC RATING	A 200 200 SURFACI 240 120 YES YES 22,000	A MAIN E V V	SINGLE PH SINGLE PH			TOTALS VA A 4870 B 4240 TOTAL 9110 VA 38 AMPS			
	NO.	BRK	CIRCUIT DESCRIPTION	Aph VA	Bph VA		Aph VA	Bph VA	CIRCUIT DESCRIPTION
	1	20	Warehouse Receptacles	1600			1200		Warehouse Receptacles
	3	20	Warehouse Receptacles		1560			720	Overhead Door
	5	20	Overhead Door	720			1350		Bathroom Lights & Fan
	7	20	Warehouse Lights		860			1100	Wall Packs
	9	20	Spare						Spare
	11								
	13								
	15								
	17								
	19								
	21								
	23								
	25								
	27								
	29								
	31								
	33								
	35								
	37								
	39								
	41								
			TOTALS	2320	2420		2550	1820	

BRK NO.

20

GENERAL NOTES

- 1. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMINSIONS. DO NOT SCALE THESE DRAWINGS. 2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND WORK WITH
- OTHER TRADES INVOLVED IN THE PROJECT, PRIOR TO THE INSTALLATION OF HIS EQUIPMENT SO AS RO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW OPTIMUM MAINTENANCE AND WORKING SPACE.
- 3. USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPERATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT
- 4. ALL FUSES, DISCONNECT SWITCHES, AND BREAKERS SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATIONOF SAID EQUIPMENT, WITH THE SUPPLIER AND THE MECHANICAL CONTRACTOR.
- 5. ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE LOCAL AND NATIONAL CODES AND ORDINANCES AND THE LATEST EDITION OF THE NEC.
- 6. EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BT HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OT THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTORS EXPENSE.
- 7. THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE COORDINATED WITH THE ARCHITECT, PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK AND MILLWORK TO BE FURNISHED.
- 8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDE BY ALL SUPPLIERS, UNLESS NOTED OTHERWISE BY OTHER DISIPLINES. CORDINATE CLOSELY.
- 9. WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THE SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER. SUBMIT DETAIL OF PROPOSED SEALING METHODS.
- 10. ALL PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID BY THE
- ELECTRICAL CONTRACTOR. 11. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- 12. THE CONTRACTOR SHALL PROVIDE COMPLETE UPDATED PANEL SCHEDULES
- FOR ALL PANELBOARDS.
- 13. AS BUILT DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE COMPLETION OF THE CONTRACT.
- 14. THE CONTRACTOR SHALL VERIFY THE CEILING TYPES WITH THE GENERAL CONTRACTOR PRIOR TO THE PURCHASE OF ANYLIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDE FOR ALL FIXTURES. ANY DIFFERENCES WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- 15. THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE INSTALLATION OF THE NEW UNDERGROUND ELECTRICAL SERVICE WITH THE LOCAL UTILITY.
- 16. THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE LOCATION OF HIS TELEPHONE CONDUIT STUB OUTS WITH THE LOCAL TELEPHONE COMPANY PRIOR TO HIS INSTALLING ANY CONDUITS.
- 17. ALL WIRE SIZES INDICATED ON THE PANEL SCHEDULES ARE BASED ON 75 DEGREE COPPER THHN/THWN WIRE. ALL WIRE TERMINALS AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR 75° C.
- 18. MIN. CONDUIT SIZE SHALL BE 1/2" AND MIN. WIRE SIZE SHALL BE #12 AWG. 19. METAL-CLAD CABLE (TYPE MC) AND ARMORED CABLE (TYPE AC) IS AN ACCEPTABLE WIRING METHOD SUBJECT TO RESTRICTIONS OF THE NEC. TYPES "MC OR AC" CABLE SHALL NOT BE USED WHEN PENETRATING RATED WALLS.
- 20. THE MAX. NUMBER OF HOMERUNS IN A CONDUIT SHALL NOT EXCEED 3.



