



- SELECTIVE COORDINATION REQUIREMENTS**
1. COORDINATION SHALL BE PROVIDED FOR ALL BREAKERS AND DISCONNECTS TO BE INSTALLED IN THE SYSTEM.
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- GENERAL NOTES**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).
 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72).

ONE-LINE DIAGRAM - GENERATOR POWER

TRANSFORMER SCHEDULE

NAME	TYPE	VOLTS	KVA	PHASE	WINDING	LOCATION
TRANSFORMER 1	GEN	480	1000	3	Y	MECH. ROOM
TRANSFORMER 2	GEN	480	1000	3	Y	MECH. ROOM

TRANSFORMER SCHEDULE

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TRANSFORMER 1	GEN	480	1000	3	Y	MECH. ROOM
TRANSFORMER 2	GEN	480	1000	3	Y	MECH. ROOM

FEDERAL CALCULATION

TYPE	WATTAGE	VOLTS	AMPERES
GEN	1000000	480	1041
TRANSFORMER	1000000	480	1041



1. FEDERAL CALCULATION SHALL BE PROVIDED FOR ALL BREAKERS AND DISCONNECTS TO BE INSTALLED IN THE SYSTEM.

VOLTAGE DROP CALCULATION FOR 100% FULL LOAD

TYPE	WATTAGE	VOLTS	AMPERES
GEN	1000000	480	1041
TRANSFORMER	1000000	480	1041

1. FEDERAL CALCULATION SHALL BE PROVIDED FOR ALL BREAKERS AND DISCONNECTS TO BE INSTALLED IN THE SYSTEM.



UNIT NAME	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE	EXT. ROOMS	CONTR. QTY	CONTR. PRICE	REMARKS
001	MECHANICAL EQUIPMENT SCHEDULE							
002	ROOFING							
003	MECHANICAL							
004	ELECTRICAL							
005	PLUMBING							
006	MECHANICAL EQUIPMENT							
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MECHANICAL EQUIPMENT SCHEDULE

1. SEE NOTES FOR UNIT DESCRIPTIONS AND MATERIALS.

2. SEE NOTES FOR UNIT SIZES AND CAPACITIES.

3. SEE NOTES FOR UNIT EFFICIENCIES AND ENERGY RATINGS.

4. SEE NOTES FOR UNIT INSTALLATION AND MAINTENANCE REQUIREMENTS.

5. SEE NOTES FOR UNIT ACCESSORIES AND OPTIONS.

6. SEE NOTES FOR UNIT WARRANTY AND SERVICE CONTRACTS.

7. SEE NOTES FOR UNIT DELIVERY AND INSTALLATION SCHEDULES.

8. SEE NOTES FOR UNIT TESTING AND COMMISSIONING REQUIREMENTS.

9. SEE NOTES FOR UNIT OPERATION AND MAINTENANCE PROCEDURES.

10. SEE NOTES FOR UNIT REPLACEMENT AND DISPOSAL REQUIREMENTS.