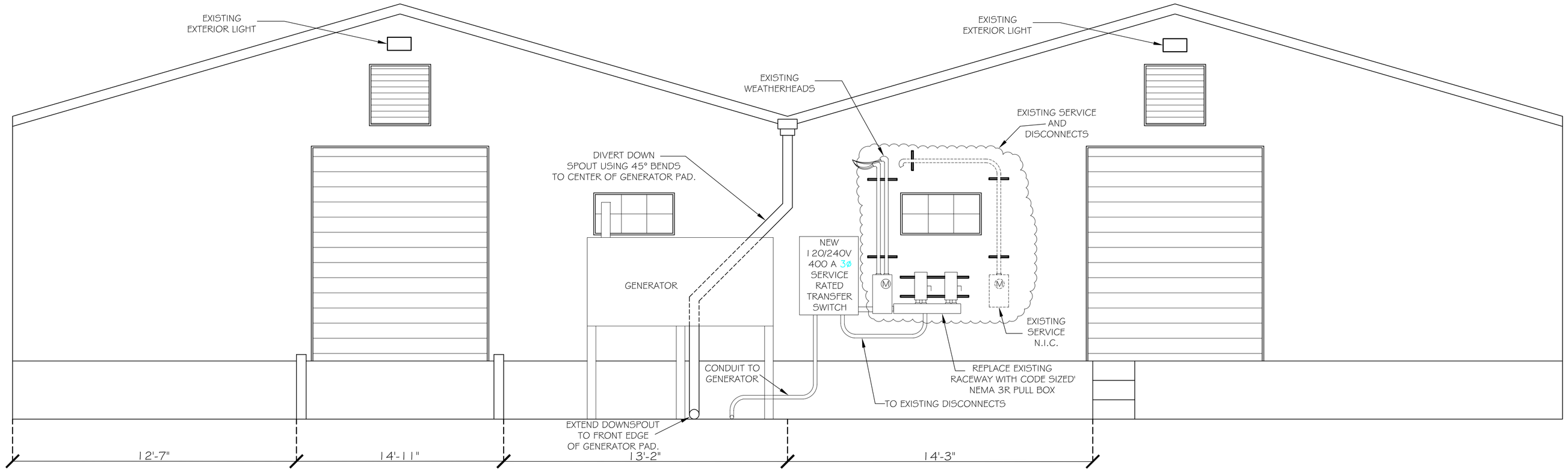
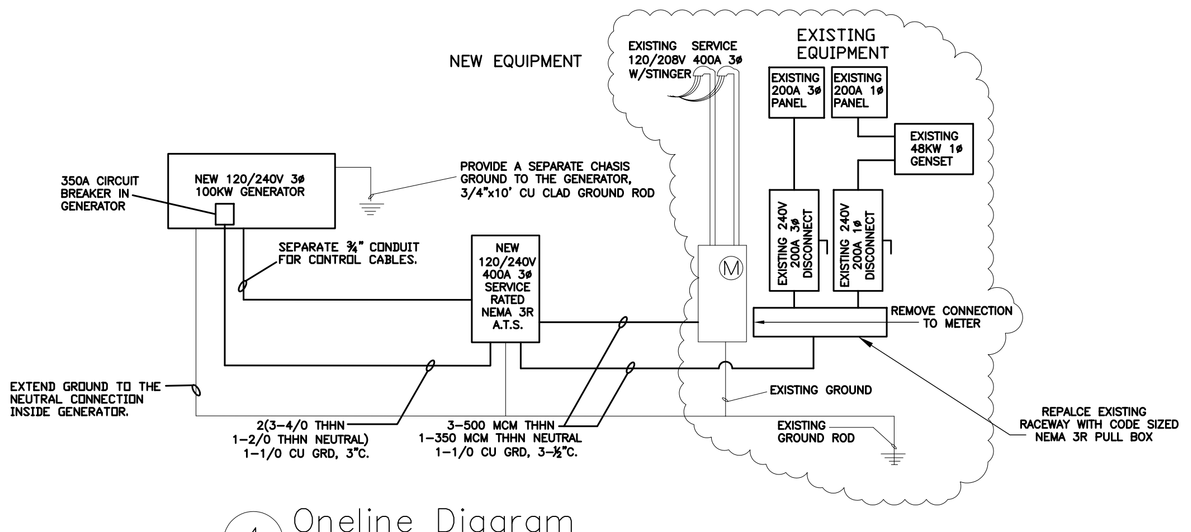


ELEVATION OF POWER DISTRIBUTION

N.T.S.

ELECTRICAL NOTES:

1. CONTRACTOR IS TO DISCONNECT THE EXISTING ELECTRICAL SERVICE AND INSTALL A NEW 240V 3Ø 400A SERVICE RATED AUTOMATIC TRANSFER SWITCH (ATS) CAPABLE OF DISCONNECTING THE INCOMING SERVICE. THE EXISTING DISCONNECTS WILL BE RECONNECTED AFTER THE ATS.
2. CONTRACTOR IS TO DISCONNECT THE EXISTING GENERATOR AND REMOVE THE EXISTING ATS. INSTALL A JUNCTION BOX AT THE LOCATION OF THE OLD ATS AND RECONNECT SERVICE LINES.
3. ATTACH THE NEW ATS, GENERATOR AND ALL CONDUITS TO WITHSTAND 130 MPH.
4. CONTRACTOR IS TO FOLLOW THE ATS MANUFACTURER'S GUIDELINES FOR CONNECTING A STINGER LEG TO THE ATS.
5. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE, AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
6. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
7. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED.
8. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
9. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM FOR THE BUILDING.
11. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
12. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" RIGID ALUMINUM FOR EXTERIOR USE.
13. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
14. INSTALL GROUND FAULT RECEPTACLES AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
15. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71, & 250-72.
16. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
17. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.



4 Oneline Diagram

Scale: Not To Scale

NOTE: EXISTING SYSTEM HAS STINGER LEG.
NEW SYSTEM WILL BE 3ø

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ELECTRICAL PLAN

REV:

SCALE: AS NOTED

JOB#: 2080

DATE: 10-15-2010

SHEET 3

E-1

OF 3