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REVISIONS	

PROJECT NO. 01170.00
DATE 3/5/01
DRAWN BY SM
CHECKED BY CLM
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ELECTRICAL
POWER & SYSTEMS

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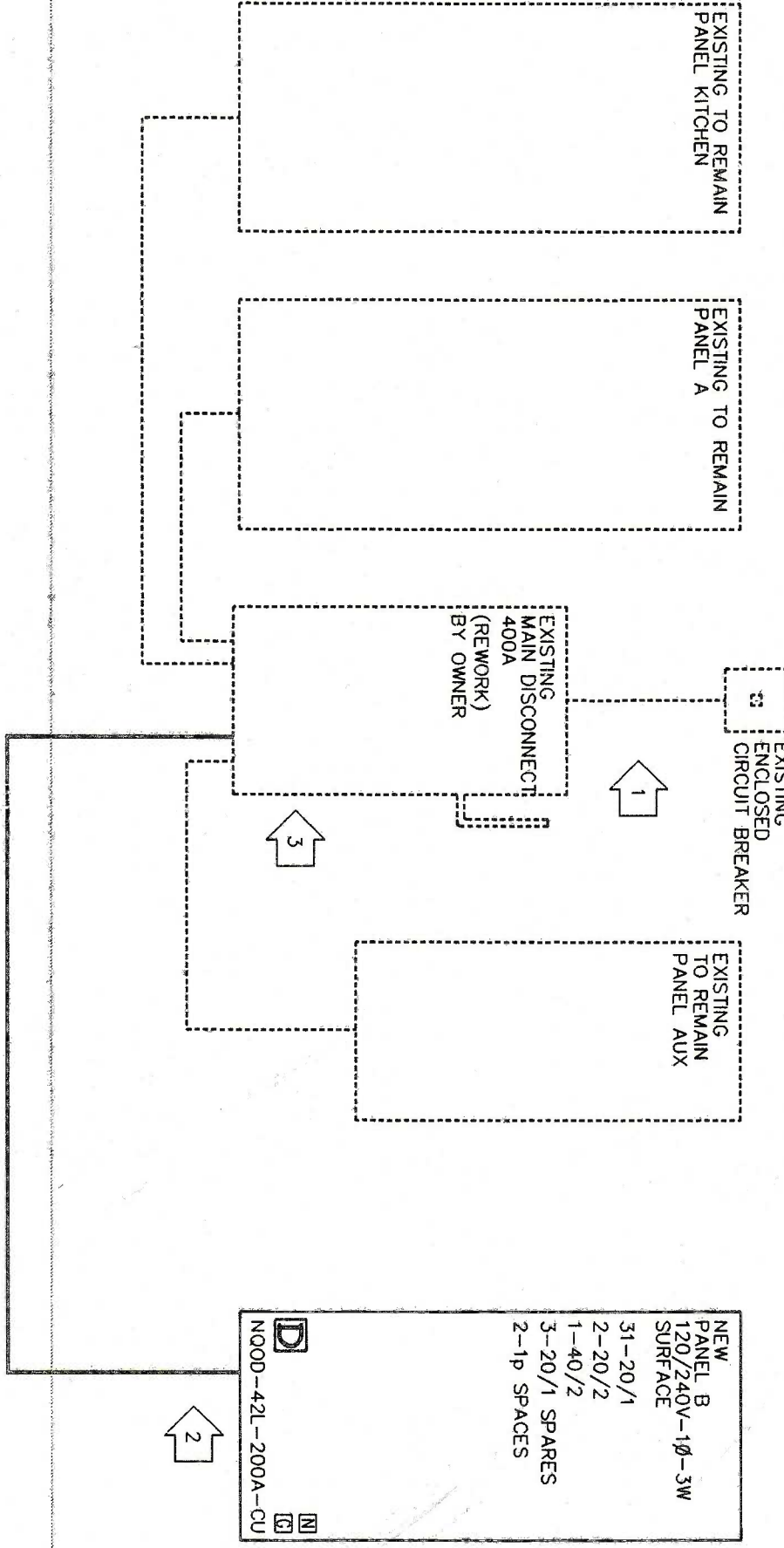
- ELECTRICAL GENERAL NOTES**
1. IN NEWLY REMODELED FINISHED AREAS, ALL OUTLET BOXES SHALL BE FLUSH AND ALL NEW CONDUIT SHALL BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE. ROUTING AND METHODS USED TO ACHIEVE CONCEALED CONDUIT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B. SEE SPECIFICATIONS FOR CUTTING AND PATCHING.
 2. REMODELING, MODIFYING, PATCHING AND REPAIR OF EXISTING BUILDING COMPONENTS SHALL BE DONE AS REQUIRED TO PRODUCE FINISHED WORK EQUAL TO THE NEW WORK AS SPECIFIED AND DETAILED CUTTING AND PATCHING. UNLESS A SPECIFIED CONTRACTOR IS CALLED OUT ON THE DRAWINGS, CONTRACTORS SHALL COMPLETE ALL WORK NECESSARY TO ACHIEVE THIS REQUIREMENT, EVEN THOUGH PROCEDURES ARE NOT OF WORKMANSHIP, MATERIALS AND FINISH SHALL BE EQUAL TO THE LEVEL ESTABLISHED FOR SIMILAR NEW WORK, EXCEPT WHERE EXISTING APPEARANCE IS TO BE MATCHED TO PROVIDE CONTINUITY.

ELECTRICAL POWER RISER NOTES

1. ALL GROUNDING CONDUCTOR CONNECTIONS BELOW GRADE SHALL BE GALVANIZED (EXOTHERMIC TYPE).
2. OVERSIZED CONDUCTORS TO COMPENSATE FOR VOLTAGE DROP ARE DESIGNATED WITH AN ASTERISK (*).
3. ALL GROUND CONDUCTORS TO BE COPPER THW IN HEAVY WALL CONDUIT AS INDICATED.
4. PROVIDE MOUNTING HARDWARE ON ALL PANELBOARDS FOR SPACES INDICATED ON SAME.
5. VERIFY FUSING WITH MANUFACTURER'S NAMEPLATE DATA AND FUSE ACCORDANCY.
6. PROVIDE 3" X 6" SLOTTED PLATE BACK-UP, PAINT WITH 2 COATS OF GRAY ENAMEL - FRONT, BACK AND SIDES FOR ALL SURFACE MOUNTED PANELBOARDS AND DISCONNECTS.
7. PROVIDE OWNER WITH ONE COMPLETE SET (2) OF SPARE FUSES FOR EACH SIZE OR TYPE.
8. TEMPERATURE LIMITATIONS:
 - A) TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED 100 AMPERES OR LESS, OR MARKED "100A" SHALL BE USED ONLY FOR ONE OF THE FOLLOWING:
 - CONDUCTORS RATED 65°C (149°F) OR
 - CONDUCTORS WITH HIGHER TEMPERATURE RATINGS PROVIDED THE AMPACITY OF SUCH CONDUCTORS IS DETERMINED BASED ON THE 60°C (140°F) AMPACITY OF THE CONDUCTOR SIZE USED.
 - B) TERMINATION PROVISIONS OF EQUIPMENT FOR CIRCUITS RATED OVER 100 AMPERES OR MARKED FOR "HIGHER TEMPERATURE RATINGS" SHALL BE USED ONLY FOR:
 - CONDUCTORS RATED 75°C (167°F) OR
 - CONDUCTORS WITH HIGHER TEMPERATURE RATINGS PROVIDED THE AMPACITY OF SUCH CONDUCTORS IS DETERMINED BASED ON THE 75°C (167°F) AMPACITY OF THE CONDUCTOR SIZE USED.

ELECTRICAL DRAWING NOTES

1. BY OWNER: ENCLOSED CIRCUIT BREAKER FIELD VERIFY LOAD SERVED. IF LOAD IS CONSIDERED AS AN EMERGENCY SERVICE, THE CIRCUIT BREAKER SHALL BE INSTALLED IN THE EMERGENCY SERVICE PANEL. IF THE CONNECTED LOAD IS NOT AN EMERGENCY SERVICE, REWORK EXISTING INSTALLATION FROM LINE SIDE LUGS TO LOAD SIDE LUGS.
2. NEW PANEL B, BY E.C. OWNER TO PROVIDE 3-#3/0 XHHW & 1-#4 THWN GND IN 1½" X 6" NEW PANEL B LOCATION. E.C. TO MAKE FINAL CONNECTIONS.
3. BY OWNER: VERIFY EXISTING LOAD SIDE LUGS IN EXISTING 400/250 DISCONNECT TO ACCOMMODATE NEW CONDUCTORS SERVING NEW PANEL B. REFER TO NOTE #1, FIELD VERIFY EXACT LUGS.



PARTIAL POWER RISER DIAGRAM

SCALE: NTS



ELECTRICAL POWER & SYSTEMS
NEW CONSTRUCTION PLAN



SCALE: 1/4" = 1'-0"