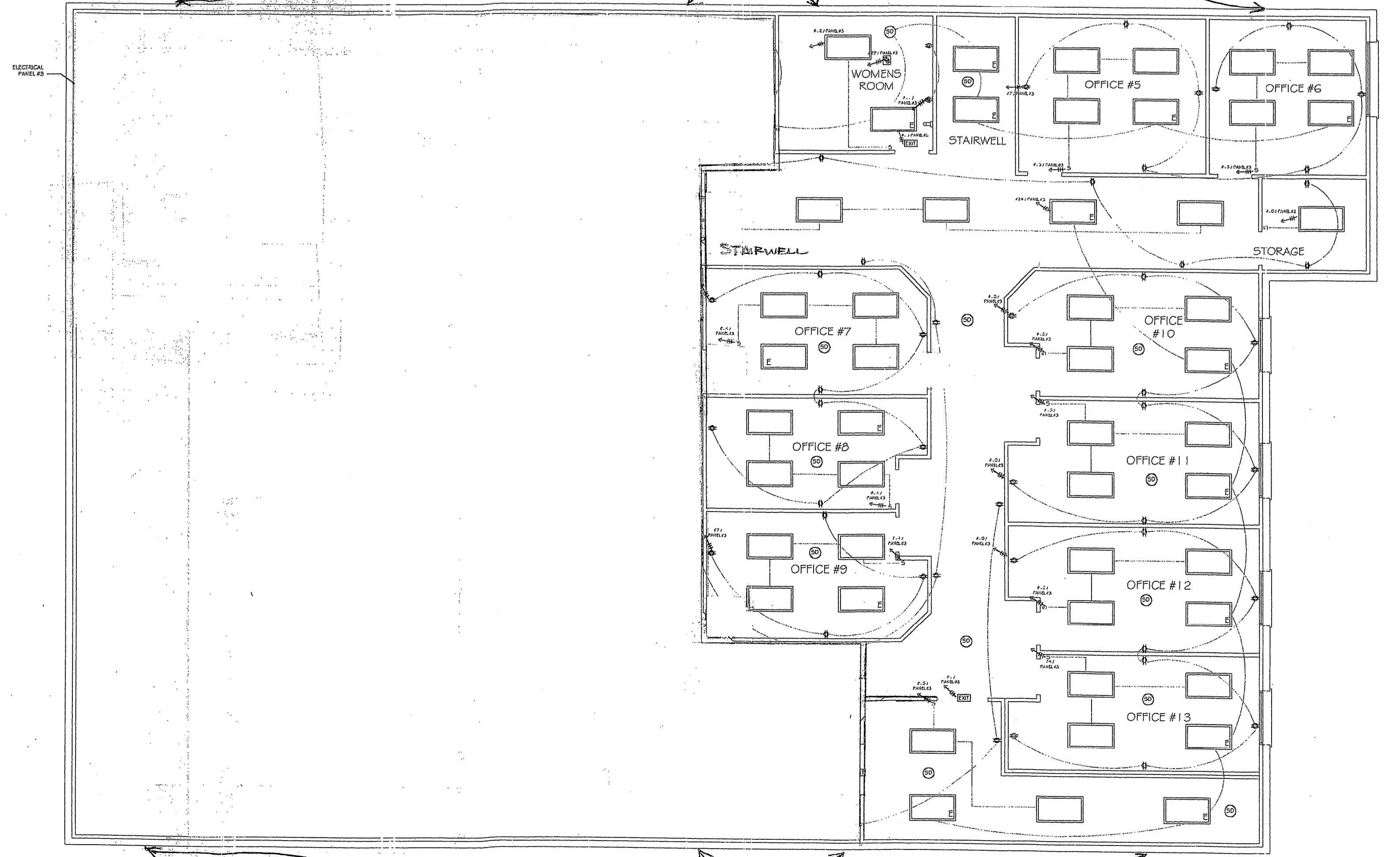


1 FIRST LEVEL - EMERGENCY LIGHTING
SCALE: 1/8" = 1'-0"



2 SECOND LEVEL - EMERGENCY LIGHTING
SCALE: 1/8" = 1'-0"

ELECTRICAL PANEL SCHEDULE

NEW PANEL # 1-3
VOLTS: 120 / 240 V. 3φ - 4W
MAIN: 200 AMP CB
BUS: 200 AMP

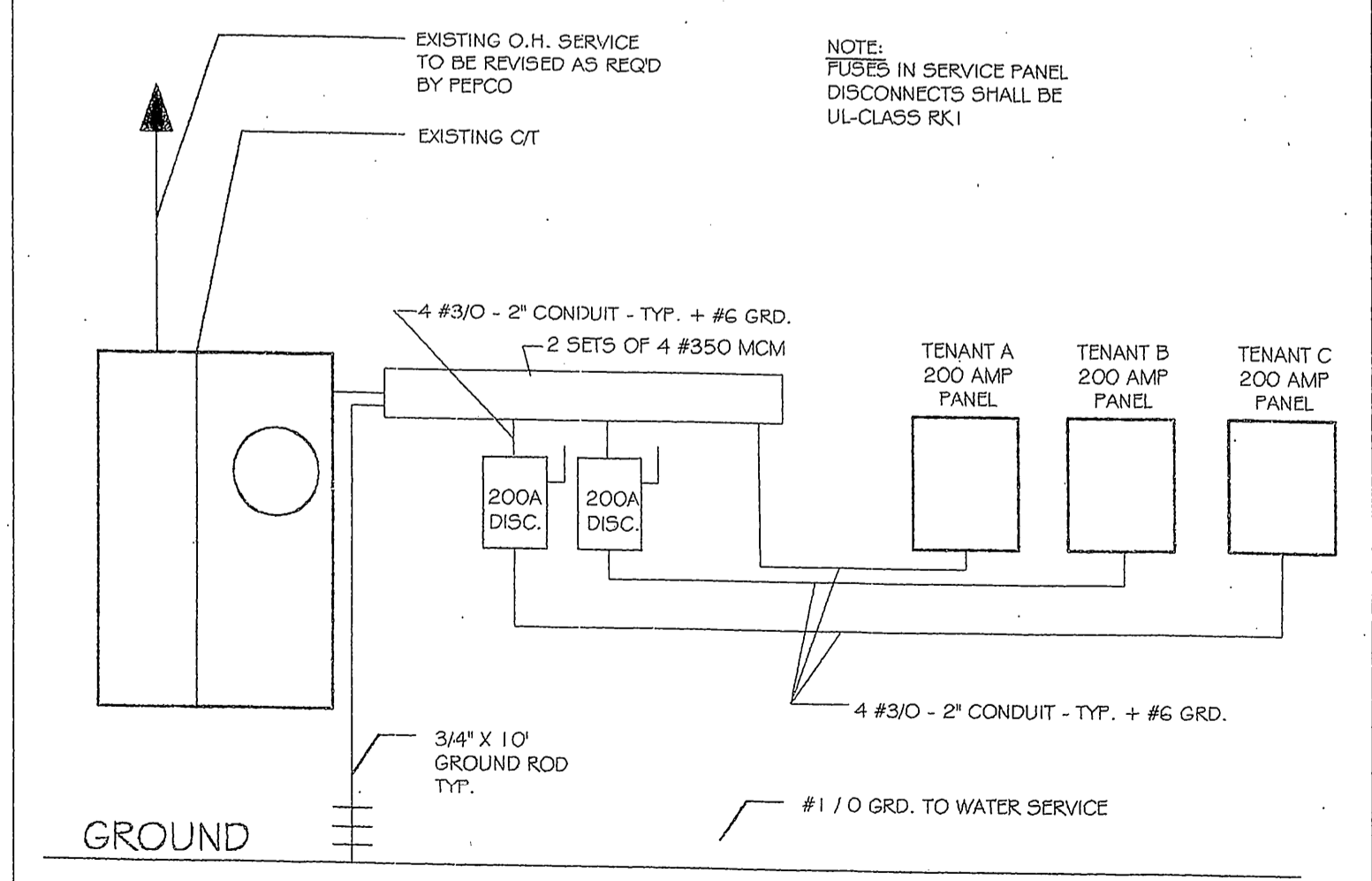
| ITEM FED | C/B | | | C/B | | | ITEM FED | | |
|-----------------------------------|------|------|-------|-----|-------|-----------|----------|------------------------------------|----|
| | TRIP | POLE | VLTS. | KVA | VLTS. | POLE TRIP | | | |
| 1 EXT. SIGNAGE / LIGHT | 20A | 1 | 120 | 1.2 | 1.0 | 120 | 1 | 20A WINDOW DISPLAY | 2 |
| 3 RECEPT. | 20A | 1 | 120 | .6 | .6 | 120 | 1 | 20A RECEPT. | 4 |
| 5 RECEPT. | 20A | 1 | 120 | .6 | .6 | 120 | 1 | 20A RECEPT. | 6 |
| 7 RECEPT. | 20A | 1 | 120 | .6 | 1.5 | 180 | 1 | 20A WATER HTR. | 8 |
| 9 RECEPT. | 20A | 1 | 120 | .6 | 1.0 | 180 | 1 | 20A LIGHTS | 10 |
| 11 RECEPT. | 20A | 1 | 120 | .6 | 1.2 | 120 | 2 | 20A LIGHTS | 12 |
| 13 LIGHTS | 20A | 2 | 120 | 1.5 | 1.2 | 120 | 2 | 20A LIGHTS | 14 |
| 15 LIGHTS | 20A | 1 | 120 | 1.5 | 1.2 | 120 | 2 | 20A LIGHTS | 16 |
| 17 HVAC PKG UNIT | 60A | 2 | 240 | 6.6 | 1.2 | 120 | 1 | 20A WASHER | 18 |
| 19 | | | | | 3.0 | 240 | 2 | 30A DRYER | 20 |
| 21 | | | | | | | | SPACE | 22 |
| 23 EMERG. LIGHT. W/ BATT. BACK-UP | 20A | 1 | 120 | 1.5 | 1.5 | 120 | 1 | 20A EMERG. LIGHT. W/ BATT. BACK-UP | 24 |
| 25 | 20A | 1 | 120 | 1.5 | | | | 20A | 26 |
| 27 BTHRM RECEPT | 20A | 1 | 120 | 1.5 | .8 | 120 | 1 | 20A EXTERIOR GR | 28 |
| 29 75 CFM EXH. FAN | 20A | 1 | 120 | .06 | | | | 20A | 30 |
| 31 LIGHTS | 20A | 1 | 120 | 1.5 | | | | 20A | 32 |
| 33 LIGHTS | 20A | 1 | 120 | 1.5 | | | | 20A | 34 |
| 35 LIGHTS | 20A | 1 | 120 | 1.5 | | | | 20A | 36 |
| 37 SPACE | | | | | | | | 20A | 38 |
| 39 SPACE | | | | | | | | 20A | 40 |
| 41 SPACE | | | | | | | | 20A | 42 |

CONNECTED LOAD = 30.2 KVA
DEMAND LOAD = 32.9 KVA

ELECTRICAL SYMBOLS

- ⊕ DUPLEX RECEPTACLES - MTD 18" A.F.F. / U.N.O.
- ⊕ DUPLEX RECEPTACLES - GFI MTD 6" ABOVE CTR. TOP
- ⊕ CARBON MONOXIDE / SMOKE DETECTOR HARDWIRED & INTERCONNECTED W/ BATTERY BACK-UP
- ⊕ 4 TUBE FLOURESCENT W/ T8 LAMPS - (E) EMERGENCY LIGHT - HOTWIRED W/ BATT BACKUP
- ⊕ RECESSED CEILING LIGHT W/ 100W I.F. BULB
- S SWITCH
- ⊕ CEILING MTD 75 CFM FAN
- ⊕ EXTERIOR MOTION DETECTOR LIGHT FIXTURE
- EXIT CLG. MTD. ILL. EXIT SIGN W/ BATTERY PACK
- ⊕ HOME RUN TO PANEL - CB
- # OF CONDUCTORS
- ⊕ FIRE ALARM PULL STATION
- ⊕ FIRE ALARM AV DEVICE A = AUDIO, V = VISUAL
- ⊕ FIRE ALARM EXTERIOR SIGNALING DEVICE

ELECTRICAL RISER DIAGRAM



THIS DRAWING AND THE DESIGN SHOWN IS THE PROPERTY OF G. R. N. ENGINEERING AND ARCHITECTURE. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT WRITTEN PERMISSION. COPYRIGHT © 2006 G. R. N. INC.

ELECTRICAL PLAN EMERGENCY LIGHTING

REVISIONS

DATE: 08-26-06

DRAWN BY: G. R. N.

JOB NO: 00-00-01

E1.1