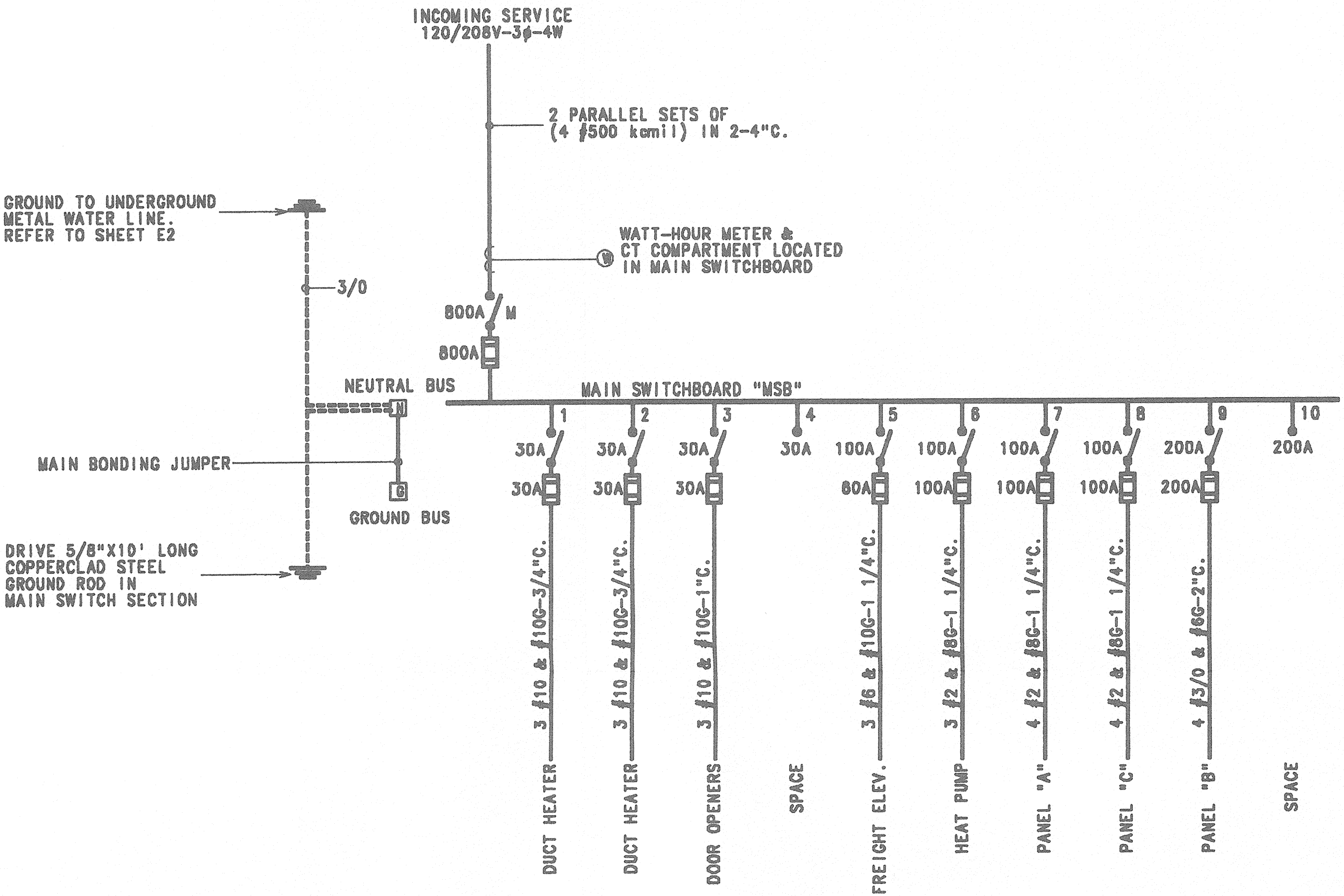
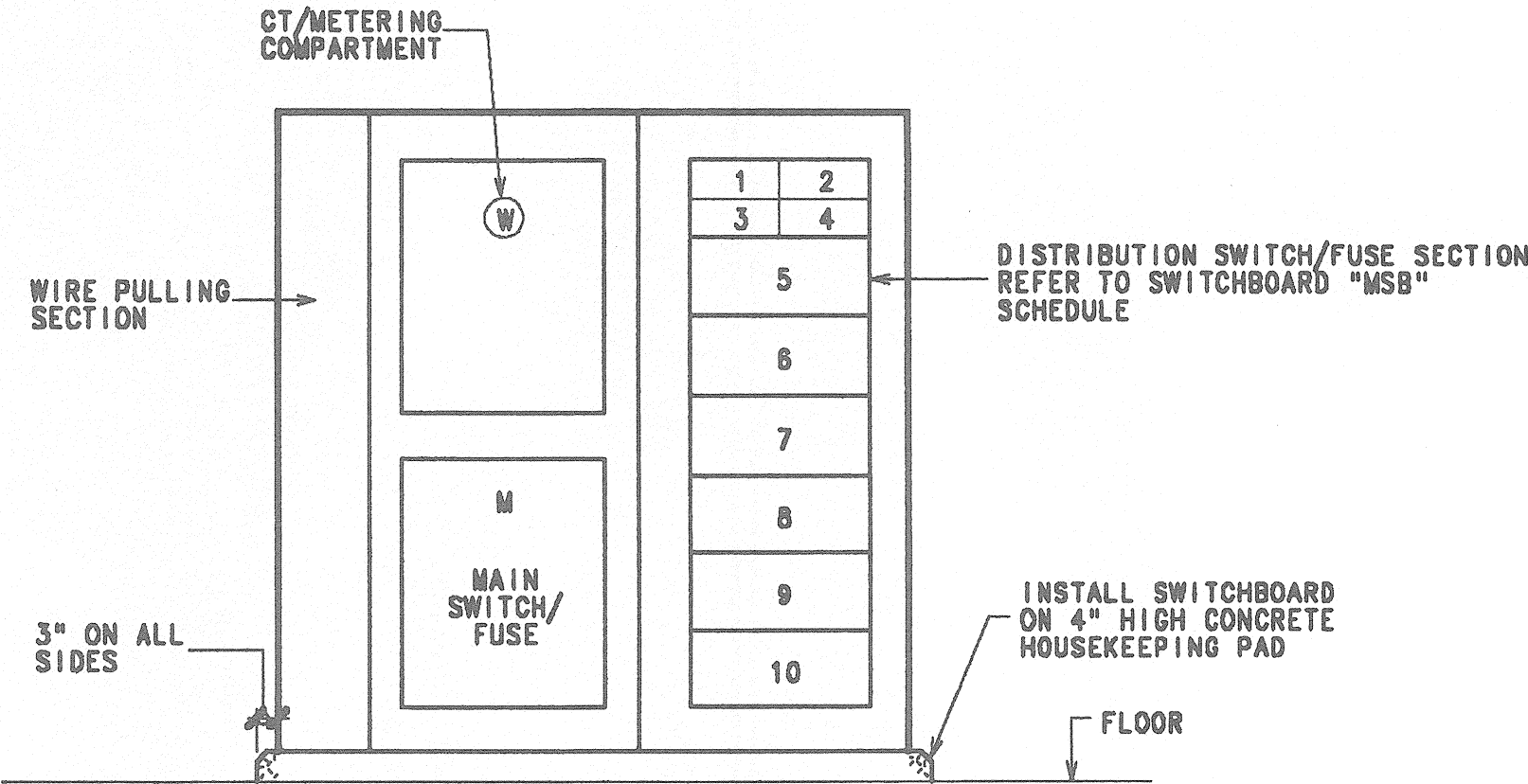




ONE-LINE DIAGRAM  
NO SCALE

SWITCHBOARD "MSB"

| CKT                 | SERVES                  | SWITCH  | FUSE  | CONTINUOUS VA |       |       | NON-CONTINUOUS VA |                |       | TOTAL VA |
|---------------------|-------------------------|---------|-------|---------------|-------|-------|-------------------|----------------|-------|----------|
|                     |                         |         |       | LIGHTS        | LOAD2 | LOAD3 | RECEPT.           | LOAD2          | LOAD3 |          |
| M                   | SWITCHBOARD MAIN SWITCH | 800A-3P | 800A  |               |       |       |                   |                |       |          |
| 1                   | DUCT HEATER             | 30A-3P  | 30A   |               |       |       |                   | 7500           |       | 7500     |
| 2                   | DUCT HEATER             | 30A-3P  | 30A   |               |       |       |                   | 7500           |       | 7500     |
| 3                   | DOOR OPENERS            | 30A-3P  | 30A   |               |       |       |                   | 4500           |       | 4500     |
| 4                   | SPACE                   | 30A-3P  | -- -- |               |       |       |                   |                |       |          |
| 5                   | FREIGHT ELEVATOR        | 100A-3P | 60A   |               |       |       |                   | 14400          |       | 14400    |
| 6                   | HEAT PUMP               | 100A-3P | 100A  |               |       |       |                   | 28800          |       | 28800    |
| 7                   | PANEL "A"               | 100A-3P | 100A  | 13440         |       |       | 3420              | 1200           |       | 18060    |
| 8                   | PANEL "C"               | 100A-3P | 100A  | 12410         |       |       | 3240              | 13600          |       | 29250    |
| 9                   | PANEL "B"               | 200A-3P | 200A  |               |       |       | 1620              | 56500          |       | 58120    |
| 10                  | SPACE                   | 200A-3P | -- -- |               |       |       |                   |                |       |          |
| TOTAL CONNECTED VA  |                         |         |       | 25850         |       |       | 8260              | 134000         |       | 188130   |
| DEMAND VA           |                         |         |       | 25850         |       |       | 8260              | 134000         |       |          |
| TOTAL DEMAND VA     |                         |         |       | 25850         |       |       | 142280            |                |       | 188130   |
| MULTIPLYING FACTORS |                         |         |       |               | X1.25 |       | X1.0              |                |       |          |
| CALC PANEL VA       |                         |         |       | 32313         |       |       | 142280            |                |       | 174593   |
|                     |                         |         |       |               |       |       |                   | SPARE VA       |       | 52018    |
|                     |                         |         |       |               |       |       |                   | MIN OCPP VA    |       | 226611   |
|                     |                         |         |       |               |       |       |                   | MIN. OCPD AMPS |       | 630      |



ELEVATION - SWITCHBOARD "MSB"  
SCALE: 1/2" = 1'-0"

|                                                   |  |          |                    |
|---------------------------------------------------|--|----------|--------------------|
| ONE-LINE DIAGRAM/SWITCHBOARD DETAIL               |  |          |                    |
| OFFICE AND WAREHOUSE FOR<br>ATLANTIC FOOD COMPANY |  |          |                    |
| REVISIONS                                         |  | JOB. NO  | DATE               |
| DATE                                              |  |          |                    |
|                                                   |  |          |                    |
|                                                   |  | DRAWN BY | SCALE              |
|                                                   |  |          | 1/4"=1'-0"         |
|                                                   |  |          | DRAWING NO.<br>E-6 |