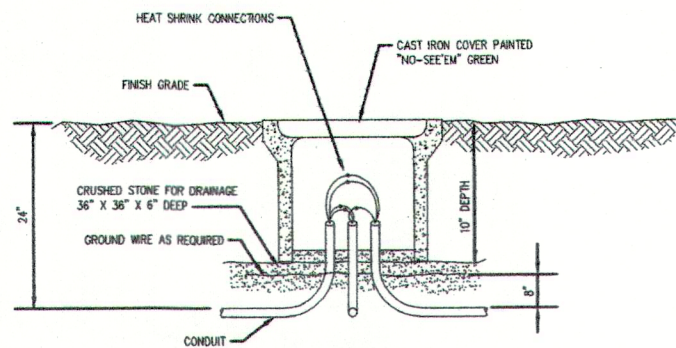


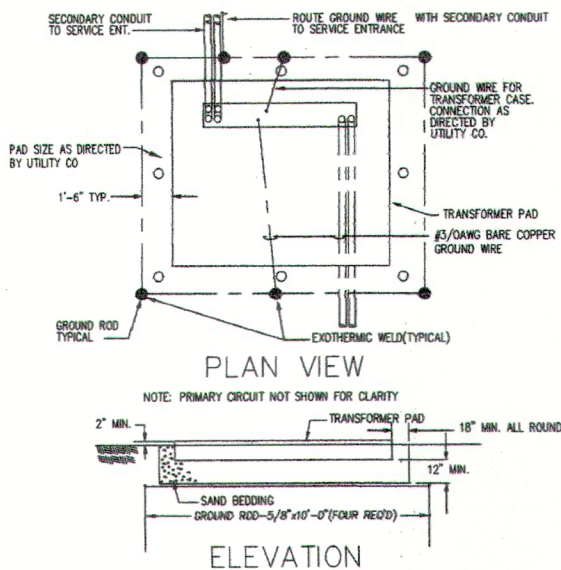
2 DUCT DETAIL SECONDARY CONDUCTORS  
E-6.01 N.T.S.



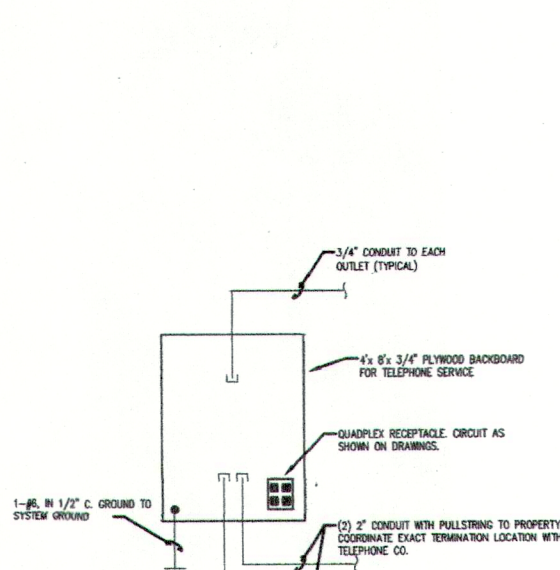
1 SITE LIGHTING JUNCTION BOX  
E-6.01 N.T.S.

| PANEL LPA                  |                | SERVICE 120/208V-3Ø-4W |          | MINIMUM BREAKER AIC 22,000 |   |                     |      |      |
|----------------------------|----------------|------------------------|----------|----------------------------|---|---------------------|------|------|
| LOCATION ADMINISTRATION    |                | RATING 400A MLO        |          | MOUNTING FLUSH             |   |                     |      |      |
| LOAD DESCRIPTION           | BKR TRIP POLES | AA #A                  | #B #C    | AA #A                      | #B #C                                   | LOAD DESCRIPTION    |      |      |
| L-LIGHTING                 | 20 1           | 1.02                   | 11.81    | 0.72                       | 20 1                                    | R-LOBBY             |      |      |
| L-LIGHTING                 | 20 1           | 1.11                   | 3.14     | 0.90                       | 20 1                                    | R-LOBBY CORRIDOR    |      |      |
| L-LIGHTING                 | 20 1           | 0.71                   | 8.18     | 0.50                       | 20 1                                    | R-ADMINISTRATION    |      |      |
| L-LIGHTING                 | 20 1           | 1.26                   | 7.18     | 0.50                       | 20 1                                    | R-ADMINISTRATION    |      |      |
| L-LIGHTING                 | 20 1           | 0.10                   | 8.10     | 0.72                       | 20 1                                    | R-DOCTOR'S OFFICE   |      |      |
| R-EXAM                     | 20 1           | 0.72                   | 11.12    | 0.50                       | 20 1                                    | R-NURSE'S STATION   |      |      |
| R-EXAM                     | 20 1           | 0.72                   | 13.14    | 0.72                       | 20 1                                    | R-NURSE'S STATION   |      |      |
| R-EXAM                     | 20 1           | 0.72                   | 15.16    | 1.00                       | 20 1                                    | R-PROCEDURE ROOM    |      |      |
| R-EXAM                     | 20 1           | 0.72                   | 17.18    | 0.90                       | 20 1                                    | R-PANTRY/BREAK ROOM |      |      |
| R-REFRIGERATOR             | 20 1           | 1.00                   | 18.20    | 4.44                       | 60                                      | R-CO-2              |      |      |
| H-ANU-2                    | 20 3           | 8.84                   | 21.22    | 4.44                       | 20 1                                    | H-                  |      |      |
| H-                         | 20 1           | 8.84                   | 23.24    | 4.44                       | 20 1                                    | H-                  |      |      |
| H-                         | 20 1           | 8.84                   | 25.26    | 0.50                       | 20 1                                    | H-ZONE DAMPERS      |      |      |
| E-DISPOSAL                 | 20 1           | 1.00                   | 27.28    | 1.20                       | 20 1                                    | E-INC               |      |      |
| E-EM-2                     | 20 2           | 2.25                   | 29.30    | 0.00                       | 20 1                                    | SPACE               |      |      |
| E-                         | 20 1           | 0.00                   | 31.32    | 0.00                       | 20 1                                    | SPACE               |      |      |
| SPACE                      | -              | 0.00                   | 33.34    | 0.00                       | -                                       | SPACE               |      |      |
| SPACE                      | -              | 0.00                   | 35.36    | 0.00                       | -                                       | SPACE               |      |      |
| SPACE                      | -              | 0.00                   | 37.38    | 0.00                       | -                                       | SPACE               |      |      |
| SPACE                      | -              | 0.00                   | 39.40    | 0.00                       | -                                       | SPACE               |      |      |
| SPACE                      | -              | 0.00                   | 41.42    | 0.00                       | -                                       | SPACE               |      |      |
| TOTALS                     |                | 14.89                  | 11.57    | 13.04                      |   | 2.54                | 3.82 | 1.90 |
| LOAD CALCULATIONS:         |                | CONN. LOAD - KVA       | D.F.     | CALC. DEMAND - KVA         | LOADS NOT INCLUDED IN CALCULATIONS:     |                     |      |      |
| LIGHTING                   |                | 4.20                   | 1.25     | 5.25                       | 13.32                                   |                     |      |      |
| RECEPTACLES - 1ST 10 KVA   |                | 10.00                  | 1.00     | 10.00                      | NOTES:                                  |                     |      |      |
| RECEPTACLES - ABOVE 10 KVA |                | 0.54                   | 0.50     | 0.27                       | RECEPTACLES - ABOVE 10 KVA              |                     |      |      |
| HVAC                       |                | 28.77                  | 1.00     | 28.77                      | PROVIDE WITH INTERNAL SURGE SUPPRESSION |                     |      |      |
| MOTORS                     |                | 0.00                   | 1.00     | 0.00                       | EQUIPMENT                               |                     |      |      |
| EQUIPMENT                  |                | 0.50                   | 1.00     | 0.50                       | APPLIANCE                               |                     |      |      |
| APPLIANCE                  |                | 0.00                   | 0.75     | 0.00                       | SPACE/SPACE                             |                     |      |      |
| SPACE/SPACE                |                | 0.00                   | 1.00     | 0.00                       | OTHER                                   |                     |      |      |
| OTHER                      |                | 0.00                   | 1.00     | 0.00                       | TOTAL KVA (AMPS)                        |                     |      |      |
| TOTAL KVA (AMPS)           |                | 50.01                  | (136.81) | 50.78                      | (140.88)                                |                     |      |      |

| PANEL MFP                  |                | SERVICE 120/208V-3Ø-4W |          | MINIMUM BREAKER AIC 65,000 |   |                  |       |
|----------------------------|----------------|------------------------|----------|----------------------------|---|------------------|-------|
| LOCATION EXTERIOR          |                | RATING 800A MLO        |          | MOUNTING FLUSH             |   |                  |       |
| LOAD DESCRIPTION           | BKR TRIP POLES | AA #A                  | #B #C    | AA #A                      | #B #C                                   | LOAD DESCRIPTION |       |
| D-PANEL LFB                | 125 3          | 9.34                   | 11.2     | 17.04                      | 150 3                                   | H-AHU-1          |       |
| D-                         | 20 1           | 10.20                  | 3.14     | 17.04                      | 17.04                                   | H-               |       |
| D-                         | 20 1           | 9.86                   | 3.18     | 17.04                      | 17.04                                   | H-               |       |
| D-PANEL LPC                | 250 3          | 21.85                  | 7.18     | 13.33                      | 125 3                                   | E-X-RAY          |       |
| D-                         | 20 1           | 20.22                  | 9.18     | 13.33                      | 13.33                                   | E-               |       |
| SPACE                      | -              | 0.00                   | 13.14    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 15.16    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 17.18    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 19.20    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 21.22    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 23.24    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 25.26    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 27.28    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 29.30    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 31.32    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 33.34    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 35.36    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 37.38    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 39.40    | 0.00                       | -                                       | SPACE            |       |
| SPACE                      | -              | 0.00                   | 41.42    | 0.00                       | -                                       | SPACE            |       |
| TOTALS                     |                | 31.19                  | 30.42    | 30.50                      |   | 30.57            | 30.37 |
| LOAD CALCULATIONS:         |                | CONN. LOAD - KVA       | D.F.     | CALC. DEMAND - KVA         | LOADS NOT INCLUDED IN CALCULATIONS:     |                  |       |
| LIGHTING                   |                | 0.00                   | 1.25     | 0.00                       | NOTES:                                  |                  |       |
| RECEPTACLES - 1ST 10 KVA   |                | 0.00                   | 1.00     | 0.00                       | RECEPTACLES - ABOVE 10 KVA              |                  |       |
| RECEPTACLES - ABOVE 10 KVA |                | 0.00                   | 0.50     | 0.00                       | PROVIDE WITH INTERNAL SURGE SUPPRESSION |                  |       |
| HVAC                       |                | 31.19                  | 1.00     | 31.19                      | EQUIPMENT                               |                  |       |
| MOTORS                     |                | 0.00                   | 1.00     | 0.00                       | APPLIANCE                               |                  |       |
| EQUIPMENT                  |                | 38.89                  | 1.00     | 38.89                      | SPACE/SPACE                             |                  |       |
| APPLIANCE                  |                | 0.00                   | 0.75     | 0.00                       | OTHER                                   |                  |       |
| SPACE/SPACE                |                | 0.00                   | 1.00     | 0.00                       | TOTAL KVA (AMPS)                        |                  |       |
| OTHER                      |                | 0.00                   | 1.00     | 0.00                       | 183.22 (508.57)                         |                  |       |
| TOTAL KVA (AMPS)           |                | 183.22                 | (508.57) | 183.22                     | (508.57)                                |                  |       |



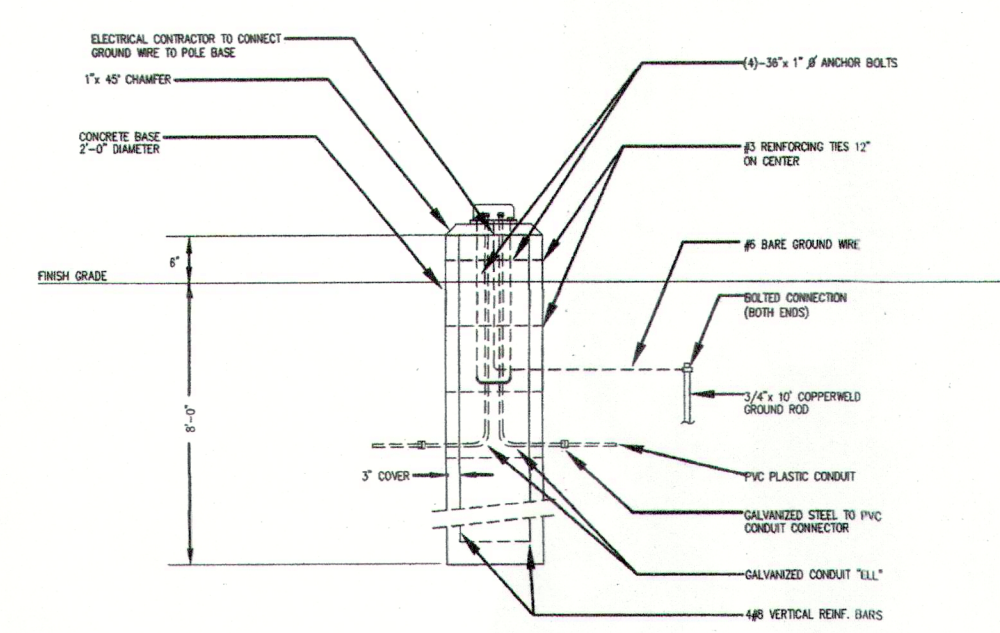
3 ENLARGED PLAN AT UTILITY CO TRANSFORMER  
E-6.01 N.T.S.



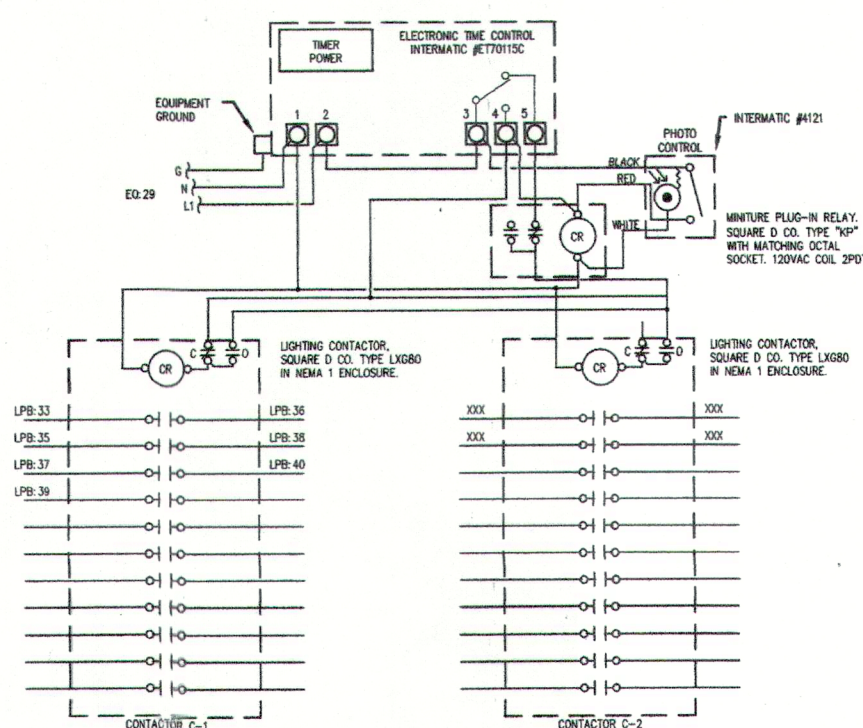
TELEPHONE BACKBOARD DETAIL  
N.T.S.

| PANEL LFB                  |                | SERVICE 120/208V-3Ø-4W |         | MINIMUM BREAKER AIC 22,000 |                                     |                       |      |      |
|----------------------------|----------------|------------------------|---------|----------------------------|-------------------------------------|-----------------------|------|------|
| LOCATION CORRIDOR          |                | RATING 225A MLO        |         | MOUNTING FLUSH             |                                     |                       |      |      |
| LOAD DESCRIPTION           | BKR TRIP POLES | AA #A                  | #B #C   | AA #A                      | #B #C                               | LOAD DESCRIPTION      |      |      |
| L-LIGHTING                 | 20 1           | 0.12                   | 1.12    | 0.72                       | 20 1                                | R-NURSE'S OFFICE      |      |      |
| L-LIGHTING                 | 20 1           | 0.59                   | 3.14    | 0.90                       | 20 1                                | R-RESTROOM MECHANICAL |      |      |
| L-LIGHTING                 | 20 1           | 0.56                   | 5.18    | 1.08                       | 20 1                                | R-CORRIDOR            |      |      |
| L-LIGHTING                 | 20 1           | 1.08                   | 7.18    | 0.38                       | 20 1                                | R-BUSINESS WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 0.39                   | 9.10    | 0.38                       | 20 1                                | R-BUSINESS WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 1.08                   | 11.12   | 0.38                       | 20 1                                | R-BUSINESS WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 0.88                   | 13.14   | 0.38                       | 20 1                                | R-BUSINESS WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 1.04                   | 15.16   | 0.38                       | 20 1                                | R-BUSINESS WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 1.14                   | 17.18   | 0.72                       | 20 1                                | R-DOCTOR'S WORK AREA  |      |      |
| L-LIGHTING                 | 20 1           | 0.68                   | 19.20   | 0.72                       | 20 1                                | R-DOCTOR'S WORK AREA  |      |      |
| R-LOBBY                    | 20 1           | 0.54                   | 21.22   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ENC                      | 20 1           | 1.00                   | 23.24   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ADMINISTRATION           | 20 1           | 0.50                   | 25.26   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ADMINISTRATION           | 20 1           | 0.50                   | 27.28   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ADMINISTRATION           | 20 1           | 0.50                   | 29.30   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ADMINISTRATION           | 20 1           | 0.50                   | 31.32   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| R-ADMINISTRATION           | 20 1           | 0.50                   | 33.34   | 0.72                       | 20 1                                | R-EXAM                |      |      |
| L-SITE LIGHTING            | 20 1           | 1.00                   | 35.36   | 0.72                       | 20 1                                | R-CAST PROCEDURE      |      |      |
| L-SITE LIGHTING            | 20 1           | 1.00                   | 37.38   | 1.00                       | 20 1                                | R-EXAM                |      |      |
| L-SITE LIGHTING            | 20 1           | 1.00                   | 39.40   | 1.00                       | 20 1                                | L-SITE LIGHTING       |      |      |
| L-SITE LIGHTING            | 20 1           | 1.00                   | 41.42   | 1.00                       | 20 1                                | L-SITE LIGHTING       |      |      |
| SPACE                      | -              | 0.00                   | 43.44   | 0.00                       | -                                   | SPACE                 |      |      |
| TOTALS                     |                | 4.74                   | 5.08    | 5.20                       |                                     | 4.80                  | 5.14 | 4.60 |
| LOAD CALCULATIONS:         |                | CONN. LOAD - KVA       | D.F.    | CALC. DEMAND - KVA         | LOADS NOT INCLUDED IN CALCULATIONS: |                       |      |      |
| LIGHTING                   |                | 14.52                  | 1.25    | 15.15                      | NOTES:                              |                       |      |      |
| RECEPTACLES - 1ST 10 KVA   |                | 10.00                  | 1.00    | 10.00                      | RECEPTACLES - ABOVE 10 KVA          |                       |      |      |
| RECEPTACLES - ABOVE 10 KVA |                | 0.00                   | 1.00    | 0.00                       | HVAC                                |                       |      |      |
| HVAC                       |                | 0.00                   | 1.00    | 0.00                       | MOTORS                              |                       |      |      |
| MOTORS                     |                | 0.00                   | 1.00    | 0.00                       | EQUIPMENT                           |                       |      |      |
| EQUIPMENT                  |                | 0.00                   | 1.00    | 0.00                       | APPLIANCE                           |                       |      |      |
| APPLIANCE                  |                | 0.00                   | 0.75    | 0.00                       | SPACE/SPACE                         |                       |      |      |
| SPACE/SPACE                |                | 0.00                   | 1.00    | 0.00                       | OTHER                               |                       |      |      |
| OTHER                      |                | 0.00                   | 1.00    | 0.00                       | TOTAL KVA (AMPS)                    |                       |      |      |
| TOTAL KVA (AMPS)           |                | 28.40                  | (81.81) | 30.50                      | (84.81)                             |                       |      |      |

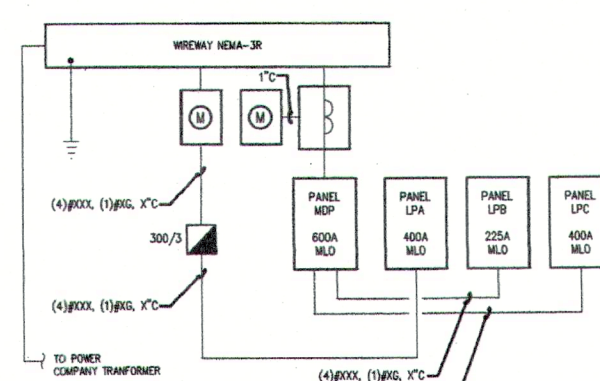
| PANEL LPC                  |                | SERVICE 120/208V-3Ø-4W |          | MINIMUM BREAKER AIC 22,000 |                                     |                     |       |       |
|----------------------------|----------------|------------------------|----------|----------------------------|-------------------------------------|---------------------|-------|-------|
| LOCATION TELE/REC          |                | RATING 400A MLO        |          | MOUNTING FLUSH             |                                     |                     |       |       |
| LOAD DESCRIPTION           | BKR TRIP POLES | AA #A                  | #B #C    | AA #A                      | #B #C                               | LOAD DESCRIPTION    |       |       |
| L-LIGHTING                 | 20 1           | 1.34                   | 1.12     | 1.00                       | 20 1                                | R-WASHER            |       |       |
| L-LIGHTING                 | 20 1           | 1.27                   | 3.14     | 1.00                       | 20 1                                | A-DRYER             |       |       |
| R-DOCTOR'S OFFICE          | 20 1           | 0.90                   | 5.18     | 1.00                       | 20 1                                | A-                  |       |       |
| R-DOCTOR'S OFFICE          | 20 1           | 0.72                   | 7.18     | 1.00                       | 20 1                                | E-DISHWASHER        |       |       |
| R-DOCTOR'S OFFICE          | 20 1           | 0.72                   | 9.10     | 1.20                       | 20 1                                | A-REFRIGERATOR      |       |       |
| L-LIGHTING                 | 20 1           | 1.09                   | 11.12    | 1.08                       | 20 1                                | R-BREAKROOM LAUNDRY |       |       |
| R-EXAM                     | 20 1           | 0.72                   | 13.14    | 0.18                       | 20 1                                | R-DRUG CONTROL ROOM |       |       |
| R-EXAM                     | 20 1           | 0.72                   | 15.16    | 0.72                       | 20 1                                | R-DRUG ROOM         |       |       |
| R-EXAM                     | 20 1           | 0.72                   | 17.18    | 1.00                       | 20 1                                | E-TIB               |       |       |
| R-EXAM                     | 20 1           | 0.72                   | 19.20    | 7.77                       | 90 3                                | H-CU-1              |       |       |
| R-EXAM                     | 20 1           | 0.72                   | 21.22    | 7.77                       | 90 3                                | H-                  |       |       |
| R-CORRIDOR RESTROOM        | 20 1           | 1.08                   | 23.24    | 7.77                       | 90 3                                | H-                  |       |       |
| H-ZONE DAMPERS             | 20 1           | 1.20                   | 25.26    | 1.20                       | 20 1                                | E-DISPOSAL          |       |       |
| E-EM-1                     | 60 3           | 8.00                   | 27.28    | 0.10                       | 20 1                                | E-RECIP PUMP        |       |       |
| E-                         | 20 1           | 8.00                   | 29.30    | 0.00                       | -                                   | SPACE               |       |       |
| E-                         | 20 1           | 8.00                   | 31.32    | 0.00                       | -                                   | SPACE               |       |       |
| SPACE                      | -              | 0.00                   | 33.34    | 0.00                       | -                                   | SPACE               |       |       |
| SPACE                      | -              | 0.00                   | 35.36    | 0.00                       | -                                   | SPACE               |       |       |
| SPACE                      | -              | 0.00                   | 37.38    | 0.00                       | -                                   | SPACE               |       |       |
| SPACE                      | -              | 0.00                   | 39.40    | 0.00                       | -                                   | SPACE               |       |       |
| SPACE                      | -              | 0.00                   | 41.42    | 0.00                       | -                                   | SPACE               |       |       |
| TOTALS                     |                | 10.70                  | 8.43     | 8.79                       |                                     | 11.15               | 10.79 | 10.85 |
| LOAD CALCULATIONS:         |                | CONN. LOAD - KVA       | D.F.     | CALC. DEMAND - KVA         | LOADS NOT INCLUDED IN CALCULATIONS: |                     |       |       |
| LIGHTING                   |                | 3.70                   | 1.25     | 4.83                       | NOTES:                              |                     |       |       |
| RECEPTACLES - 1ST 10 KVA   |                | 0.00                   | 1.00     | 0.00                       | RECEPTACLES - ABOVE 10 KVA          |                     |       |       |
| RECEPTACLES - ABOVE 10 KVA |                | 0.00                   | 0.50     | 0.00                       | HVAC                                |                     |       |       |
| HVAC                       |                | 30.51                  | 1.00     | 30.51                      | MOTORS                              |                     |       |       |
| MOTORS                     |                | 0.00                   | 1.00     | 0.00                       | EQUIPMENT                           |                     |       |       |
| EQUIPMENT                  |                | 21.30                  | 1.00     | 21.30                      | APPLIANCE                           |                     |       |       |
| APPLIANCE                  |                | 3.30                   | 0.75     | 2.40                       | SPACE/SPACE                         |                     |       |       |
| SPACE/SPACE                |                | 0.00                   | 1.00     | 0.00                       | OTHER                               |                     |       |       |
| OTHER                      |                | 0.00                   | 1.00     | 0.00                       | TOTAL KVA (AMPS)                    |                     |       |       |
| TOTAL KVA (AMPS)           |                | 68.71                  | (190.72) | 68.84                      | (191.07)                            |                     |       |       |



4 TYPICAL POLE BASE  
E-6.01 N.T.S.



CONTACTOR AND PHOTOCELL/TIMECLOCK DETAIL  
N.T.S.



POWER RISER DIAGRAM  
N.T.S.

**PROGRESS SET** **BID SET**

"NOT FOR CONSTRUCTION" PROGRESS

CONSULTING ENGINEERS  
ORLANDO • FT. PIERCE • W. PALM BEACH  
427 CENTERVILLE ROAD, SUITE 102, AUSTIN, TEXAS 78704  
3000 WASHINGTON BLVD., SUITE C, FT. PIERCE, FLORIDA 34946  
2881 FOREST HILLS BLVD., SUITE 202, WEST PALM BEACH, FLORIDA 33411  
(407) 881-1100 FAX: (407) 881-1104  
(407) 881-1105 FAX: (407) 881-1104

PROJECT # 21409  
SHEET #  
E-6.01  
PRINT DATE

DEC 23 2002

ELECTRICAL SCHEDULES AND DETAILS  
TULANE / HONTAS MEDICAL CENTER

AL PROJECT LEAD  
SATNOH, LLC  
130 W. RUELLIE  
MANDEVILLE, LA 70471

STATE REG. # AA - 0001655  
GARCIA BRENNER STROMBERG  
A R C H I T E C T U R E  
Peter T. Stromberg, P.E.  
Stuart M. Stromberg, P.E.  
1901 18th Anniversary Commemorative Bldg., Suite 1100  
1001 Poydras Street, New Orleans, LA 70112  
Tel: 504.581.0700 Fax: 504.581.0248  
www.gbstr.com

DATE: 10-11-02  
DESIGN BY:  
DRAWN BY:  
REVIEWED BY: