

| SYMBOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DESIGNATIONS                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SYMBOL SCHEDULE NOTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                              |
| <p>A. THESE SYMBOLS COMPRISE A STANDARD LIST, NOT ALL SYMBOLS MAY APPEAR ON THESE DRAWINGS.</p> <p>B. MOUNTING HEIGHTS INDICATED ARE STANDARD. DIMENSIONAL NUMBERS INDICATED AT DEVICES SHALL OVERRIDE THESE STANDARDS. MOUNTED HEIGHTS ARE TO THE CENTER OF THE DEVICE, UNLESS NOTED OTHERWISE.</p> <p>C. MOUNTING HEIGHTS INDICATED ARE FOR STUD WALL CONSTRUCTION WHEN BLOCK OR BRICK CONSTRUCTION IS USED. ADJUST MOUNTING HEIGHTS TO ALIGN DEVICE PLATES WITH RUNNING JOINT.</p> <p>D. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.</p> |                                                                                                                                              |
| <b>GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HEAVY DASHED LINE WEIGHT INDICATES EXISTING ITEM TO BE REMOVED.                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LIGHT SOLID LINE WEIGHT INDICATES EXISTING ITEM TO REMAIN.                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HEAVY SOLID LINE WEIGHT INDICATES NEW ITEM OR NEW LOCATION.                                                                                  |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | REMOVE EXISTING ITEM                                                                                                                         |
| RL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | REMOVE EXISTING ITEM AND RELOCATE AS INDICATED                                                                                               |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EXISTING ITEM TO REMAIN                                                                                                                      |
| NL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NEW LOCATION FOR RELOCATED ITEM                                                                                                              |
| <b>NOTES &amp; TAGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EQUIPMENT IDENTIFICATION TAG - SEE EQUIP SCHEDULES                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FEEDER SIZE TAG - SEE POWER RISER SCHEDULE                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ELEC EQUIP CONNECTION TAG - SEE EQUIP SCHEDULE                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | KEYNOTE                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MISCELLANEOUS NOTE                                                                                                                           |
| <b>RACEWAYS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT CONCEALED IN CEILING OR WALLS                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT CONCEALED IN THE FLOOR OR BELOW                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT EXPOSED ON THE CEILING OR WALLS                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT BURIED UNDERGROUND (# = DEPTH)                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT WITH BEND DOWN                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT WITH BEND UP                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT WITH BUSHED END                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUIT WITH BREAK OR CONTINUATION                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CIRCUIT HOME RUN<br>L1 INDICATES PANEL NUMBER                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CONDUCTOR COUNT - UNLESS NOTED OTHERWISE / SHORT HASH INDICATES #12 LINE / LONG HASH INDICATES #12 NEUTRAL / HASH W/DOT INDICATES #12 GROUND |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PULL BOX, SIZE AS NOTED                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | JUNCTION BOX - WALL/CEILING MOUNT                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WIREWAY, DUCT BANK, OR FLOOR DUCT AS NOTED                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CABLE TRAY, TYPE/SIZE AS INDICATED                                                                                                           |

| SYMBOL          | DESIGNATIONS                                                                                                                                                                              | MTG HT |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <b>LIGHTING</b> |                                                                                                                                                                                           |        |
|                 | LIGHT FIXTURE ID - REFER TO LT FIXT SCHEDULE (FIXT SCHEDULE OVERRIDES SYMBOL ABBREVIATION)<br>A - INDICATES LIGHT FIXTURE TYPE<br># - INDICATES CIRCUIT NUMBER<br>b - INDICATES SWITCHING |        |
|                 | LIGHT FIXTURE CIRCUIT TYPE<br>- NO HATCH INDICATES NORMAL CIRCUIT<br>- ANGLED HATCH INDICATES CRITICAL CIRCUIT<br>- SOLID HATCH INDICATES LIFE SAFETY CIRCUIT                             |        |
|                 | TROFFER TYPE LIGHT FIXTURE, SIZE AS INDICATED - CEILING MOUNT                                                                                                                             |        |
|                 | CHANNEL OR INDUSTRIAL, LENGTH AS INDICATED                                                                                                                                                |        |
|                 | DOWNLIGHT CLG FIXT. RECESSED OR SURFACE MOUNT                                                                                                                                             |        |
|                 | CEILING WALL WASH FIXT. AIMED AS INDICATED                                                                                                                                                |        |
|                 | SMALL MOUNT FIXTURE OR SCONCE                                                                                                                                                             | VERIFY |
|                 | LINEAR RECESSED, LENGTH AS INDICATED                                                                                                                                                      | VERIFY |
|                 | LINEAR WALL MOUNT FIXT. LENGTH AS INDICATED                                                                                                                                               | VERIFY |
|                 | UNDER CABINET FIXTURE, LENGTH AS INDICATED                                                                                                                                                |        |
|                 | TRACK FIXTURE, NUMBER OF HEADS AS INDICATED                                                                                                                                               |        |
|                 | EMERGENCY BATTERY LIGHT - WALL CLG MNT                                                                                                                                                    | VERIFY |
|                 | EXIT LIGHT, FILLED QUADRANT INDICATES FACES - WALL/CEILING MOUNT                                                                                                                          | VERIFY |
|                 | SITE LIGHTING POLE FIXT. ROUND/RECTANGLE HEAD - NUMBER OF HEADS INDICATED                                                                                                                 |        |
|                 | SITE LIGHTING POLE TOP FIXT. ROUND/RECT HEAD                                                                                                                                              |        |
| <b>POWER</b>    |                                                                                                                                                                                           |        |
|                 | BRANCH CIRCUIT PANEL                                                                                                                                                                      | VERIFY |
|                 | EMERGENCY/CRITICAL PANEL                                                                                                                                                                  | VERIFY |
|                 | LIFE SAFETY PANEL                                                                                                                                                                         | VERIFY |
|                 | EQUIPMENT CABINET                                                                                                                                                                         | VERIFY |
|                 | TRANSFORMER                                                                                                                                                                               | VERIFY |
|                 | MOTOR OR MOTOR CONNECTION                                                                                                                                                                 | VERIFY |
|                 | MOTOR CONTROLLER, STARTER OF VFD                                                                                                                                                          | VERIFY |
|                 | COMBINATION STARTER & DISCONNECT SWITCH                                                                                                                                                   | VERIFY |
|                 | DISCONNECT SWITCH                                                                                                                                                                         | VERIFY |
|                 | MOTOR RATED TOGGLE                                                                                                                                                                        | VERIFY |
|                 | MANUAL MOTOR STARTER SW WITH/ER OVERLOAD                                                                                                                                                  | VERIFY |
|                 | DUPLEX RECEPTACLE - WALL/CEILING MOUNT                                                                                                                                                    | 18"    |
|                 | EMERGENCY DUPLEX RECEPT - WALL/CLG MNT                                                                                                                                                    | 18"    |
|                 | QUADPLEX RECEPTACLE - WALL MOUNT                                                                                                                                                          | 18"    |
|                 | EMERGENCY QUADPLEX RECEPTACLE - WALL MOUNT                                                                                                                                                | 18"    |
|                 | GFI RECEPTACLE, DUPLEX/QUADPLEX - WALL MOUNT                                                                                                                                              | 18"    |
|                 | SPECIAL PURPOSE RECEPTACLE - WALL/CLG MNT                                                                                                                                                 | 18"    |
|                 | EMERGENCY SPECIAL PURPOSE RECEPT - WALL/CLG                                                                                                                                               | 18"    |
|                 | FLOOR BOX - DEVICES AS INDICATED                                                                                                                                                          |        |
|                 | POWER POLE - DEVICES AS INDICATED                                                                                                                                                         |        |
|                 | GROUND REFERENCE BUS - AS NOTED - WALL/CLG MNT                                                                                                                                            | VERIFY |

| SYMBOL                       | DESIGNATIONS                                  | MTG HT |
|------------------------------|-----------------------------------------------|--------|
| <b>SWITCHES AND CONTROLS</b> |                                               |        |
|                              | SINGLE POLE TOGGLE SWITCH                     | 48"    |
|                              | DOUBLE POLE TOGGLE SWITCH                     | 48"    |
|                              | THREE WAY TOGGLE SWITCH                       | 48"    |
|                              | FOUR WAY TOGGLE SWITCH                        | 48"    |
|                              | TOGGLE SWITCH - "S" INDICATES SWITCHING       | 48"    |
|                              | PILOT LIGHT TOGGLE SWITCH                     | 48"    |
|                              | ILLUMINATED TOGGLE - TOGGLE SWITCH            | 48"    |
|                              | KEYED SWITCH                                  | 48"    |
|                              | MOMENTARY CONTACT TOGGLE SWITCH               | 48"    |
|                              | TIMER SWITCH                                  | 48"    |
|                              | MULTI SWITCH, MULTI GANG BOX                  | 48"    |
|                              | DIMMER SWITCH (# = WATTAGE)                   | 48"    |
|                              | OCCUPANCY SENSOR - CLG MOUNT                  |        |
|                              | OCCUPANCY SENSOR WALL SWITCH                  | 48"    |
|                              | PHOTO ELECTRIC CELL                           | VERIFY |
|                              | TIME CLOCK                                    | 60"    |
|                              | CONTACTOR                                     | 60"    |
|                              | RELAY                                         | VERIFY |
|                              | PUSH BUTTON STATION - BUTTONS AS INDICATED    | 48"    |
| <b>FIRE ALARM</b>            |                                               |        |
|                              | MANUAL PULL STATION                           | 48"    |
|                              | HEAT DETECTOR (#=FIXED TEMP, R=RATE OF RISE)  |        |
|                              | SMOKE DETECTOR (P=PHOTOELEC, I=IONIZATION)    |        |
|                              | DUCT MOUNTED PHOTOELECTRIC DETECTOR           |        |
|                              | BEAM DET (B-T=TRANSMITTER, B-R=RECEIVER)      | VERIFY |
|                              | COMBINATION SMOKE DETECTOR AND ALARM          |        |
|                              | REMOTE STATION - WALL/CLG MOUNT               | 72"    |
|                              | REMOTE INDICATOR LAMP - WALL/CLG MOUNT        | 72"    |
|                              | FLOW SWITCH                                   |        |
|                              | TAMPER SWITCH                                 |        |
|                              | MONITOR MODULE                                |        |
|                              | CONTROL MODULE                                |        |
|                              | FIRE/SMOKE DAMPER CONNECTION                  |        |
|                              | DOOR HOLD OR DOOR HOLD CONNECTION             | VERIFY |
|                              | FIREMAN'S STATION - WALL MOUNT                | 48"    |
|                              | STROBE - WALL/CLG MNT (# = CANDELA)           | 82"    |
|                              | BELL - WALL/CEILING MOUNT                     | 82"    |
|                              | BELL/STROBE - WALL/CLG MOUNT (# = CANDELA)    | 82"    |
|                              | CHIME - WALL/CEILING MOUNT                    | 82"    |
|                              | CHIME/STROBE - WALL/CLG MOUNT (# = CANDELA)   | 82"    |
|                              | HORN - WALL/CEILING MOUNT                     | 82"    |
|                              | HORN/STROBE - WALL/CLG MOUNT (# = CANDELA)    | 82"    |
|                              | SPEAKER - WALL/CEILING MOUNT                  | 82"    |
|                              | SPEAKER/STROBE - WALL/CLG MOUNT (# = CANDELA) | 82"    |
|                              | FIRE ALARM CONTROL PANEL - WALL MOUNT         | VERIFY |

| SYMBOL                              | DESIGNATIONS                                                    | MTG HT   |
|-------------------------------------|-----------------------------------------------------------------|----------|
| <b>SIGNALS COMMUNICATIONS</b>       |                                                                 |          |
|                                     | DATA BOX - WALL MOUNT/FLOOR BOX (# = WIRE COUNTS)               | 18"      |
|                                     | VOICE/DATA BOX - WALL MOUNT/FLOOR BOX (# = WIRE COUNTS)         | 18"      |
|                                     | VOICE BOX - FLOOR BOX (# = WIRE COUNTS, F = FLUSH, S = SURFACE) | VERIFY   |
|                                     | VOICE BOX - (F = TELEPHONE, W = WALL MOUNT)                     | 18/48"   |
|                                     | CALL IN SWITCH                                                  |          |
|                                     | SPEAKER - WALL/CEILING MOUNT                                    | 96"      |
|                                     | SPEAKER HORN - WALL MOUNT                                       | 96"      |
|                                     | SPEAKER BI-DIRECTIONAL PAGING - WALL/CEILING MOUNT              | 96"      |
|                                     | MICROPHONE OUTLET - WALL/FLOOR MOUNT                            | 18"      |
|                                     | MASTER INTERCOM UNIT                                            | 48"      |
|                                     | INTERCOM UNIT                                                   | 48"      |
|                                     | VOLUME CONTROL                                                  | 60"      |
|                                     | CABLE ANTENNA SYSTEM OUTLET (CATV)                              |          |
|                                     | MASTER ANTENNA SYSTEM OUTLET (MATV)                             |          |
|                                     | CLOCK - WALL/CEILING MOUNT (# = DIAMETER)                       | 96"      |
|                                     | PROJECTOR/VIDEO CAMERA/DOCUMENT CAMERA - WALL/CEILING MOUNT     | VERIFY   |
|                                     | AUDIO VIDEO SYSTEM OUTLET - WALL/CEILING MOUNT                  | 18"      |
|                                     | AV SYSTEMS CONTROLLER - WALL MOUNT                              | 18"      |
|                                     | ANNUNCIATOR PANEL - WALL MOUNT                                  | VERIFY   |
| <b>SECURITY</b>                     |                                                                 |          |
| SECURITY - WALL MOUNT - TYPICAL 48" |                                                                 |          |
|                                     | CARD READER                                                     |          |
|                                     | KEYPAD                                                          |          |
|                                     | SECURITY EXIT PUSH BUTTON                                       |          |
|                                     | ELECTRIC DOOR OPENER                                            |          |
|                                     | PANIC BUTTON                                                    |          |
|                                     | DOORBELL                                                        |          |
|                                     | DOOR BUZZER                                                     |          |
|                                     | DOOR CHIME                                                      |          |
|                                     | MASTER INTERCOM UNIT                                            |          |
|                                     | INTERCOM UNIT                                                   |          |
| SECURITY - CEILING MOUNT - TYPICAL  |                                                                 |          |
|                                     | ELECTRIC STRIKE                                                 |          |
|                                     | MAGNETIC LOCK                                                   |          |
|                                     | DOOR CONTACT                                                    |          |
|                                     | DOOR ALARM                                                      |          |
|                                     | REQUEST TO EXIT SENSOR                                          |          |
|                                     | POWER TRANSFER HINGE                                            |          |
|                                     | OVERHEAD DOOR CONTACT                                           |          |
|                                     | GLASS BREAK DETECTOR                                            |          |
|                                     | MICROWAVE DETECTOR                                              |          |
|                                     | STAFF DURESS ALARM BUTTON                                       |          |
|                                     | SECURITY CAMERA - WALL/CEILING MOUNT                            | VERIFY   |
|                                     | CCTV COAXIAL CABLE OUTLET & POWER OUTLET                        | VERIFY   |
|                                     | CCTV MONITOR OUTLET                                             | VERIFY   |
|                                     | SECURITY PANEL - WALL MOUNT                                     | VERIFY   |
| <b>NURSE CALL</b>                   |                                                                 |          |
|                                     | NURSE CALL ANNUNCIATOR                                          | 48"      |
|                                     | EMERGENCY PULL CORD STATION                                     | 48"      |
|                                     | DOMELIGHT WITH TONE                                             | 96"      |
|                                     | PATIENT STATION                                                 | 48"      |
|                                     | CODE BLUE                                                       | 48"      |
|                                     | CODE BLUE/STAFF ASSIST                                          | 48"      |
|                                     | STAFF ASSIST                                                    | 48"      |
|                                     | WORKFLOW STATION                                                | 48"      |
|                                     | BED STATION                                                     | 48"      |
|                                     | AUXILIARY INPUT                                                 | 48"      |
|                                     | NURSE ANTENNA                                                   | 48"      |
|                                     | NURSE TV INTERFACE                                              | 48"      |
|                                     | DUTY STATION                                                    | 48"      |
|                                     | STAFF STATION                                                   | 48"      |
|                                     | NURSE CALL SYSTEM CENTRAL CABINET                               | VERIFY   |
|                                     | NURSE CALL SYSTEM MASTER STATION                                | 36"      |
|                                     | NURSE CALL SYSTEM PUSH BUTTON                                   | 18", 48" |

| DRAWINGS                                                                                                                                                                                                                                      |                                      | ISSUES |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------|---|
| <p><b>ISSUE KEY:</b><br/>           1 ISSUED (WITH SIGNATURE)<br/>           2 REVISED AND RE-ISSUED (WITH SIGNATURE)<br/>           3 NOT FOR CONSTRUCTION - REFERENCE ONLY<br/>           4 REISSUED FROM PRIOR BID PACK - NO REVISIONS</p> |                                      |        |   |
| 70% CD REVIEW - 02/11/2011                                                                                                                                                                                                                    | 100% OWNER REVIEW - 11/17/11         |        |   |
| 85% CD REVIEW - 03/24/2011                                                                                                                                                                                                                    | 100% OWNER REVIEW - 12/16/11         |        |   |
| SHEET NO.                                                                                                                                                                                                                                     |                                      | NAME   |   |
| E000                                                                                                                                                                                                                                          | ELECTRICAL TITLE SHEET               | 3      | 3 |
| E001                                                                                                                                                                                                                                          | CRAWLSPACE LIGHTING PLAN             | 3      | 3 |
| E002                                                                                                                                                                                                                                          | CRAWLSPACE POWER PLAN                | 3      | 3 |
| E004                                                                                                                                                                                                                                          | GROUND FLOOR LIGHTING PLAN           | 3      | 3 |
| E005                                                                                                                                                                                                                                          | GROUND FLOOR POWER PLAN              | 3      | 3 |
| E006                                                                                                                                                                                                                                          | GROUND FLOOR SIGNAL PLAN             | 3      | 3 |
| E007                                                                                                                                                                                                                                          | ELECTRICAL ATTIC AND ROOF PLAN       | 3      | 3 |
| E008                                                                                                                                                                                                                                          | ELECTRICAL SITE DEMOLITION PLAN      | 3      | 3 |
| E009                                                                                                                                                                                                                                          | ELECTRICAL SITE PLAN                 | 3      | 3 |
| E009A                                                                                                                                                                                                                                         | COMMUNICATIONS SITE PLAN             | 3      | 3 |
| E009B                                                                                                                                                                                                                                         | COMMUNICATIONS BACKBONE ROUTING PLAN | 3      | 3 |
| E010                                                                                                                                                                                                                                          | ELECTRICAL RISER DIAGRAM             | 3      | 3 |
| E011                                                                                                                                                                                                                                          | PANELBOARD SCHEDULE                  | 3      | 3 |
| E012                                                                                                                                                                                                                                          | LUMINAIRE SCHEDULE                   | 3      | 3 |
| E014                                                                                                                                                                                                                                          | COMMUNICATIONS ROOM DETAILS          | 3      | 3 |
| E015                                                                                                                                                                                                                                          | FIRE ALARM RISER DIAGRAM             | 3      | 3 |
| E016                                                                                                                                                                                                                                          | SYSTEMS DETAILS                      | 3      | 3 |
| E017                                                                                                                                                                                                                                          | SYSTEMS SCHEDULES & DETAILS          | 3      | 3 |
| E018                                                                                                                                                                                                                                          | DUCT ALTERNATE 9 - ELECTRICAL PLAN   |        | 3 |

| ELECTRICAL ABBREVIATIONS |                               |      |                            |      |                          |     |                          |        |               |      |                           |
|--------------------------|-------------------------------|------|----------------------------|------|--------------------------|-----|--------------------------|--------|---------------|------|---------------------------|
| A                        | AMP                           | CU   | COPPER                     | FACP | FIRE ALARM CONTROL PANEL | MRS | MOTOR RATED SWITCH       | PH     | PHASE         | TYP  | TYPICAL                   |
| AC                       | ABOVE COUNTER                 | DN   | DOWN                       | FSD  | FIRE-SMOKE DAMPER        | MT  | EMPTY                    | PNL    | PANEL         | UC   | UNDER COUNTER             |
| ADD                      | ADDENDUM                      | EC   | ELECTRICAL CONTRACTOR      | FV   | FILM VIEWER              | NC  | NORMALLY CLOSED          | PRI    | PRIMARY       | UG   | UNDERGROUND               |
| AFGI                     | ARC FAULT CIRCUIT INTERRUPTOR | ELEC | ELECTRIC OR ELECTRICAL     | GFI  | GROUND FAULT INTERRUPTER | NEC | NATIONAL ELECTRICAL CODE | RECEPT | RECEPTACLE    | UH   | UNIT HEATER               |
| AFF                      | ABOVE FINISHED FLOOR          | EM   | EMERGENCY                  | GND  | GROUND                   | NIC | NOT IN CONTRACT          | REFG   | REFRIGERATOR  | UNO  | UNLESS NOTED OTHERWISE    |
| AHU                      | AIR HANDLING UNIT             | EMT  | ELECTRICAL METALLIC TUBING | IG   | ISOLATED GROUND          | NO  | NORMALLY OPEN            | RTU    | ROOF TOP UNIT | V    | VOLT                      |
| AL                       | ALUMINUM                      | ENCL | ENCLOSURE                  | JBOX | JUNCTION BOX             | NTS | NOT TO SCALE             | SEC    | SECONDARY     | VA   | VOLT-AMP                  |
| ATS                      | AUTOMATIC TRANSFER SWITCH     | EP   | ELECTRIC PNEUMATIC         | KV   | KILOVOLT                 | OC  | ON CENTER                | SW     | SWITCH        | VAC  | VOLTS ALTERNATING CURRENT |
| C                        | CONDUIT                       | EPO  | EMERGENCY POWER OFF        | KVA  | KILOVOLT-AMP             | PB  | PULL BOX                 | SWBD   | SWITCHBOARD   | VDC  | VOLTS DIRECT CURRENT      |
| CAB                      | CABINET                       | EWG  | ELECTRIC WATER COOLER      | KW   | KILOWATT                 | PB  | PUSHBUTTON               | SPKR   | SPEAKER       | W    | WATT                      |
| CB                       | CIRCUIT BREAKER               | F    | FUSE OR FUSED              | KWH  | KILOWATT-HOUR            | PE  | PNEUMATIC ELECTRIC       | TEL    | TELEPHONE     | WP   | WEATHERPROOF              |
| CCTV                     | CLOSED CIRCUIT TV             | FA   | FIRE ALARM                 | MC   | MOMENTARY CONTACT        | PF  | POWER FACTOR             | TSTAT  | THERMOSTAT    | XFMR | TRANSFORMER               |
| CKT                      | CIRCUIT                       |      |                            |      |                          |     |                          |        |               |      |                           |

100% OWNER REVIEW  
NOT FOR CONSTRUCTION  
12/16/2011

**RSP Architects**  
 1220 Marshall Street NE  
 Minneapolis  
 Minnesota 55413-1036  
 612.677.7100  
 612.677.7499 fax  
 www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and other personnel only in accordance with this Notice.  
 © Copyright RSP Architects 2011. All rights reserved.

**ARRAY**  
 healthcare facilities solutions

**CONSULTANTS:**  
**Structural**  
 Van Sickle, Allen & Assoc.  
 2955 Xenium Lane N  
 Suite 10  
 Plymouth, MN 55441

**Civil**  
 Edin Prairie, MN 55344

**Landscaping**  
 Damon Farber Assoc.  
 923 Nicollet Mall  
 Minneapolis, MN 55402

**Fire Protection**  
 Gary Trivinski Associates  
 Engineering  
 Suite 112  
 94 Boston Hill  
 Larksville, PA 18651-3298

**MEP**  
**DUNHAM**  
 Dunham Associates, Inc.  
 90 South Dear Street, Suite 1100  
 Minneapolis, Minnesota 55402-1000  
 Phone: 612.444.2700  
 Fax: 612.444.2701  
 www.dunhaminc.com  
 mechanical & electrical  
 consulting engineering  
 (CONTRACTOR REQUIRED)

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Engineer under the laws of the State of Minnesota.  
 Signature \_\_\_\_\_  
 Registration No. \_\_\_\_\_  
 Date 11/17/2011

|                                    |      |                                   |      |
|------------------------------------|------|-----------------------------------|------|
| APPROVED: SERVICE LINE DIRECTOR    | DATE | APPROVED: INFECTION CONTROL NURSE | DATE |
| APPROVED: LEAD COORDINATOR         | DATE | APPROVED: PATIENT SAFETY          | DATE |
| APPROVED: PROJECTS SECTION MANAGER | DATE | APPROVED: CHIEF OF POLICE         | DATE |
| APPROVED: DIRECTOR TAG             | DATE | APPROVED: SAFETY MANAGER          | DATE |

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| PROJECT TITLE<br>LONG TERM/INTERMEDIATE PSYCHIATRIC UNIT | DATE<br>12/16/2011 |
| DRAWING TITLE<br>ELECTRICAL TITLE SHEET                  | SCALE<br>AS NOTED  |
| PROJECT NO.<br>E000                                      | DATE<br>12/16/2011 |
| DRAWING NO.<br>E000                                      | DATE<br>12/16/2011 |
| BUILDING NO.<br>MMA                                      | FLOOR<br>JAT       |
| LOCATION<br>4801 VETERANS DR. SAINT CLOUD, MN            | DATE<br>12/16/2011 |

**VAMC** SAINT CLOUD MN