

**GENERAL NOTES**

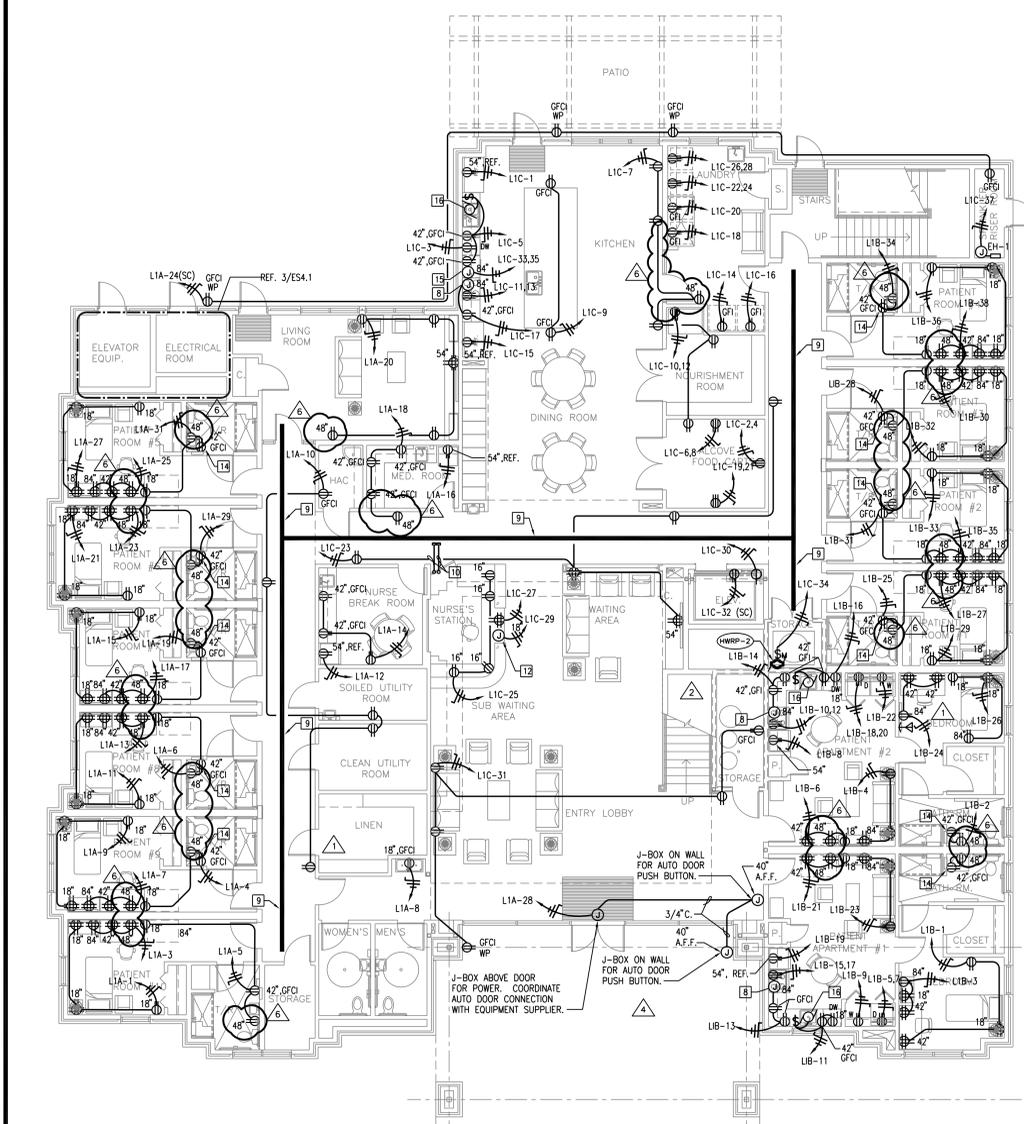
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2008 INTERNATIONAL CODES AND THE REQUIREMENTS STATED IN THE APPLICABLE SECTIONS OF THE CURRENT NATIONAL FIRE CODES (NFPA STANDARDS), AMENDMENTS TO THESE CODES AS SET FORTH BY THE AUTHORITY HAVING JURISDICTION SHALL SUPERSEDE THE INTERNATIONAL CODES AND NFPA STANDARDS AS ISSUED.
- COOPERATE FULLY WITH SEPARATE CONTRACTORS SO WORK ON THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT. COORDINATE THE WORK OF THIS CONTRACT WITH WORK PERFORMED UNDER SEPARATE CONTRACTS.
- THE DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. THE INSTALLER IS RESPONSIBLE FOR COORDINATING WITH OTHER TRADES. THE INSTALLER SHALL NOT INSTALL OR FABRICATE ANY WORK SHOWN UNTIL ALL SUCH WORK IS FULLY COORDINATED.
- SUPERVISE CONSTRUCTION OPERATIONS TO ASSURE THAT ALL WORK IS INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE TO THE PROPER SIDE OF THE DOOR ANY SWITCH, RECEPTACLE OR DEVICE BEING AFFECTED BY ANY CHANGE IN DIRECTION OF DOOR SWINGS AS SHOWN ON THE ARCHITECTURAL FLOOR PLAN.
- MECHANICAL EQUIPMENT SIZES ARE AS DESIGNED. BREAKERS, CONDUIT, STARTERS, CONDUCTORS, ETC. SHALL BE ADJUSTED TO THE EQUIPMENT SUBMITTED AND APPROVED FOR INSTALLATION ON THIS PROJECT.
- REMOTE MOUNTED MOTORS SHALL BE PROVIDED WITH RECEPTABLES AND PLUGS OR DISCONNECT SWITCHES TO BE COMPATIBLE WITH THE CONSTRUCTION TYPE AND THE REQUIREMENTS OF THE CURRENT NEC.
- KILOWATT (KW) RATINGS FOR EQUIPMENT MOTOR LOADS ARE AS DESIGNED WITH 100% POWER FACTOR RATINGS ASSUMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCREASING THE SIZE, AS REQUIRED, OF ALL FEEDERS AND PROTECTIVE DEVICES SERVING ANY ITEMS OF EQUIPMENT SUPPLIED WITH POWER FACTOR RATINGS LESS THAN 100% EFFICIENCY.
- BRANCH CIRCUITS EXTENDING BEYOND 100' IN LENGTH FROM THE PANELBOARD TO THE FINAL TERMINATING POINT SHALL BE AT MINIMUM #10 AWG COPPER CONDUCTORS.
- ALL COUNTERTOP RECEPTABLES WITHIN SIX FEET OF A SINK, SHALL BE GFCI TYPE.

**KEYED NOTES**

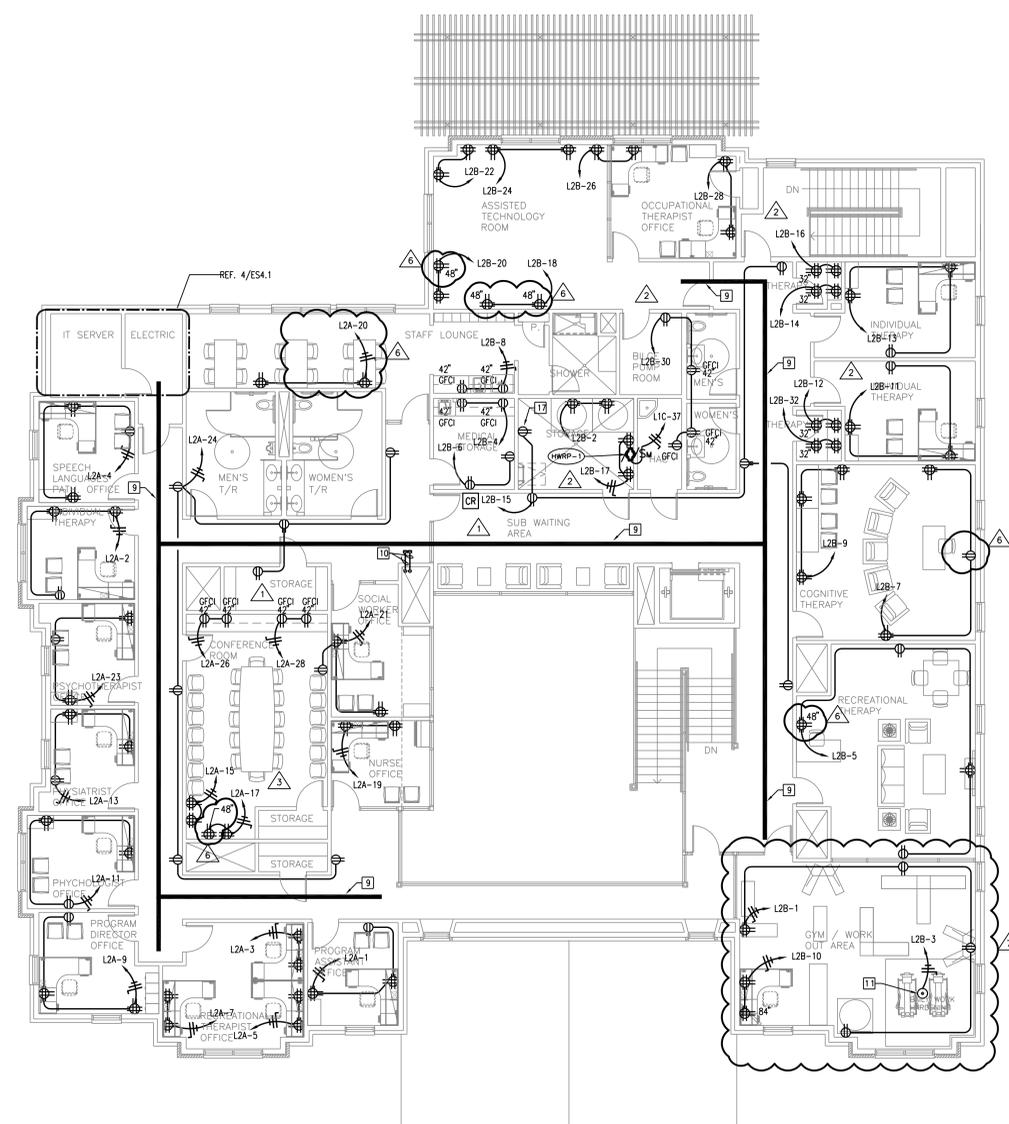
- COORDINATE THE FINAL POWER CONNECTION FROM THE ELEVATOR CONTROLLER TO THE ELEVATOR CAB WITH THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
- FURNISH AND INSTALL A 30A/240V/1Ø/3W/4W DISCONNECT SWITCH WITH A 20A FUSE TO SERVE THE ELEVATOR CAB LIGHTS, FAN AND CONTROLLER. FURNISH AND INSTALL THE ELECTRICAL CONNECTION FROM THE DISCONNECT SWITCH TO THE ELEVATOR CONTROLLER'S ELECTRICAL TERMINALS; 2 #12, #12 GND, 1/2".
- FURNISH AND INSTALL A 200A INTEGRATED ELEVATOR SHUNT TRIP DISCONNECT SWITCH WITH 100A DUAL ELEMENT TIME DELAY FUSES (BUSMAN #PS2-120-R1-K-6-B OR APPROVED EQUIVALENT). THE DISCONNECT SWITCH SHALL HAVE A NEMA 1 ENCLOSURE, FIRE SAFETY INTERFACE RELAY, PILOT LIGHT 'ON', MECHANICALLY INTERLOCKED AUXILIARY CONTACT FOR HYDRAULIC ELEVATORS WITH BATTERY BACKUP AND A KEY TO TEST SWITCH.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE LOCATIONS OF ALL THE EQUIPMENT IN THE ELEVATOR EQUIPMENT ROOM WITH THE ELEVATOR SHOP DRAWINGS AND THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFERENCE THE ELEVATOR SPECIFICATIONS AND TO COORDINATE ALL REQUIREMENTS WITH THE ELEVATOR MANUFACTURER'S INSTALLATION MANUAL FOR ALL OF THE ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- FURNISH AND INSTALL A 4"x8"x3/4" WHITE FLAME RETARDANT PAINTED TELEPHONE BACKBOARD WITH A GROUND BUS BAR (BENTO RES-4242AG) OR APPROVED EQUIVALENT MOUNTED TO THE BOTTOM OF THE TELEPHONE BOARD. BOND THE GROUND BUS BAR TO THE BUILDING'S GROUNDING ELECTRODE SYSTEM; #6 AWG, 3/4".
- FURNISH AND INSTALL THE QUADRAPLEX OUTLETS AT 48" A.F.F. IN THE SECOND FLOOR IT SERVER ROOM. COORDINATE THE LOCATION OF THE TELE/DATE EQUIPMENT PRIOR TO ROUGH-IN.
- FURNISH AND INSTALL A JUNCTION BOX TO HOUSE THE BRANCH CIRCUIT SERVING THE KITCHEN'S HOOD EXHAUST FAN; #12 GND, 1/2". COORDINATE THE EXACT MOUNTING HEIGHT WITH THE VENT INSTALLER PRIOR TO ROUGH-IN.
- FURNISH AND INSTALL A 4" DEEP BY 18" WIDE BASKET TYPE CABLE TRAY CABLOFLEX # CF 105 OR APPROVED EQUIVALENT. FURNISH AND INSTALL THE GROUNDING EGGS AND BONDING JUMPERS CONNECTED TO THE CABLE TRAY TO CREATE AN EFFECTIVE GROUND FAULT CURRENT PATH. REFERENCE DETAILS 1 THRU 5 ON SHEETS E7.1 FOR ADDITIONAL ROUTING AND SUPPORT REQUIREMENTS.
- FURNISH AND INSTALL (2) 4" C. TO HOUSE THE TELE/DATE CABLES SERVING THE TELE/DATE OUTLETS ON THE FIRST FLOOR. ROUTE THE CONDUITS FROM THE SECOND FLOOR CABLE TRAY LOCATED IN THE CORRIDOR DOWN THROUGH THE MECHANICAL SHAFT AND CONTINUE TO THE CABLE TRAY LOCATED IN THE FIRST FLOOR CORRIDOR TO THE ELECTRICAL ROOM ON THE FIRST FLOOR. FURNISH AND INSTALL AN INSULATING AND GROUNDING BUSING ON BOTH FLOORS OF THE CONDUITS AND CONNECT TO THE CABLE TRAY WITH A #6 AWG BONDING JUMPER.
- FURNISH AND INSTALL A POKE-THRU FLOOR BOX TO HOUSE THE POWER, TEL/DATA AND CATV OUTLETS (WIRING) #4V3 OR APPROVED EQUIVALENT WITH A FLUSH MOUNT COVER RATED FOR PROTECTION FROM WATER, DIRT AND DEBRIS.
- FURNISH AND INSTALL A JUNCTION BOX WITH THE BRANCH CIRCUIT INDICATED TO SERVE THE MAIN NURSE CALL STATION. COORDINATE THE EXACT LOCATION WITH THE NURSE CALL INSTALLER PRIOR TO ROUGH-IN.
- APPROXIMATE STUB-UP LOCATION OF THE (2) 4" CONDUITS IN THE MECHANICAL SHAFT HOUSING THE INCOMING TELECOMMUNICATIONS AND CATV CABLES. ROUTE THE CONDUITS THROUGH THE MECHANICAL SHAFT AND UP TO THE SECOND FLOOR IT SERVER ROOM. OFFSET THE CONDUITS AS REQUIRED TO ENSURE THE CONDUITS STUB-UP INSIDE OF THE IT SERVER ROOM.
- THE CONTRACTOR SHALL ENSURE THE ROUGH-IN LOCATION FOR THE 42" AFF DUPLEX RECEPTACLE IS AS CLOSE TO THE CORNER AS POSSIBLE TO AVOID AN INTERFERENCE BETWEEN THE DUPLEX RECEPTACLE AND THE MEDICINE CABINET.
- FURNISH AND INSTALL A JUNCTION BOX WITH THE BRANCH CIRCUIT INDICATED TO SERVE THE CONVECTION OVEN. COORDINATE THE EXACT LOCATION WITH THE OVEN INSTALLER PRIOR TO ROUGH-IN.
- FURNISH AND INSTALL A SIMPLEX RECEPTACLE BELOW THE COUNTER CONTROLLED BY A TOGGLE SWITCH LOCATED ABOVE THE COUNTER TO SERVE THE GARBAGE DISPOSAL. COORDINATE THE GARBAGE DISPOSAL NEMA CONFIGURATION PRIOR TO THE FINAL POWER CONNECTIONS.
- LOCATE THE DUPLEX RECEPTACLE IN THE ATTIC SPACE ABOVE STORAGE ROOM X211 AND ADJACENT TO THE ACCESS LADDER.
- FURNISH AND INSTALL A TIMELOCK AND 4-POLE LIGHTING CONTACTOR COMBINATION CONTROL PANEL (ASCO #641 SERIES OR APPROVED EQUIVALENT) WITHOUT PHOTOCELL INTERFACE TO CONTROL THE EXHAUST FANS MOUNTED ON THE ROOF.

**RECORD DRAWINGS**  
 DATE: NOVEMBER 16, 2012  
 THESE AS-BUILT DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY THE CONTRACTOR LOEBUS GENERAL CONTRACTORS, L.P.A. THE ARCHITECT/ENGINEER HAS NOT VIEWED THE AS-BUILT AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS RESULT OF INCORRECT INFORMATION PROVIDED BY THE CONTRACTOR.

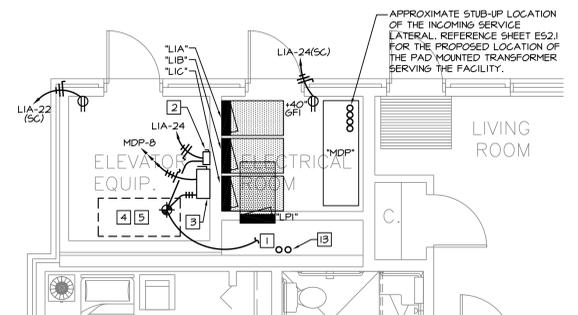
CONTRACTOR TO COORDINATE THE INSTALLATION OF ELECTRICAL EQUIPMENT CONDUIT ABOVE CEILING WITH OTHER DISCIPLINES.



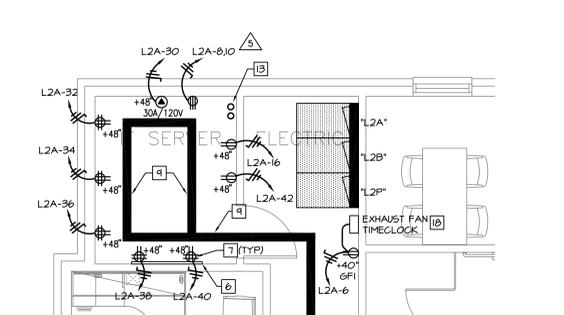
**ELECTRICAL POWER FLOOR PLAN - FIRST FLOOR**  
 SCALE: 1/8" = 1'-0"



**ELECTRICAL POWER FLOOR PLAN - SECOND FLOOR**  
 SCALE: 1/8" = 1'-0"



**ENLARGED ELECTRICAL POWER FLOOR PLAN - FIRST FLOOR**  
 SCALE: 1/4" = 1'-0"



**ENLARGED ELECTRICAL POWER FLOOR PLAN - SECOND FLOOR**  
 SCALE: 1/4" = 1'-0"

Revisions	Date
AS1 #1	04/04/11
AS1 #2	04/04/11
AS1 #4	04/04/11
AS1 #7	04/26/11
AS1 #14	02/08/12
AS1 #15	03/12/12
AS1 #16	03/20/12

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Approved: Service Chief	Approved: Service Chief
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Drawing Title	
ELECTRICAL FIRST AND SECOND POWER FLOOR PLANS	
Approved Project Director	

Project Title	
POLYTRAUMA TRANSITIONAL HOUSING	
Location Audie L. Murphy Memorial Veterans Hospital San Antonio, Texas	
Date	Checked
28 JULY 2010	Drawn

Project Number	
671-237	
Building Number	
1	
Drawing Number	
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Dwg. 4 of 11	

