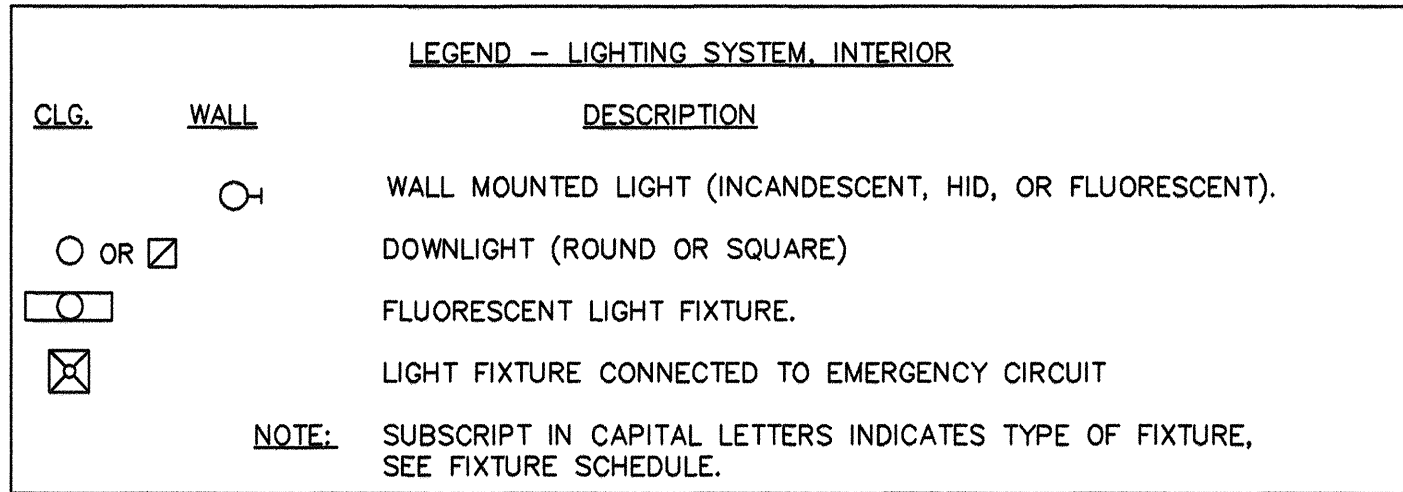
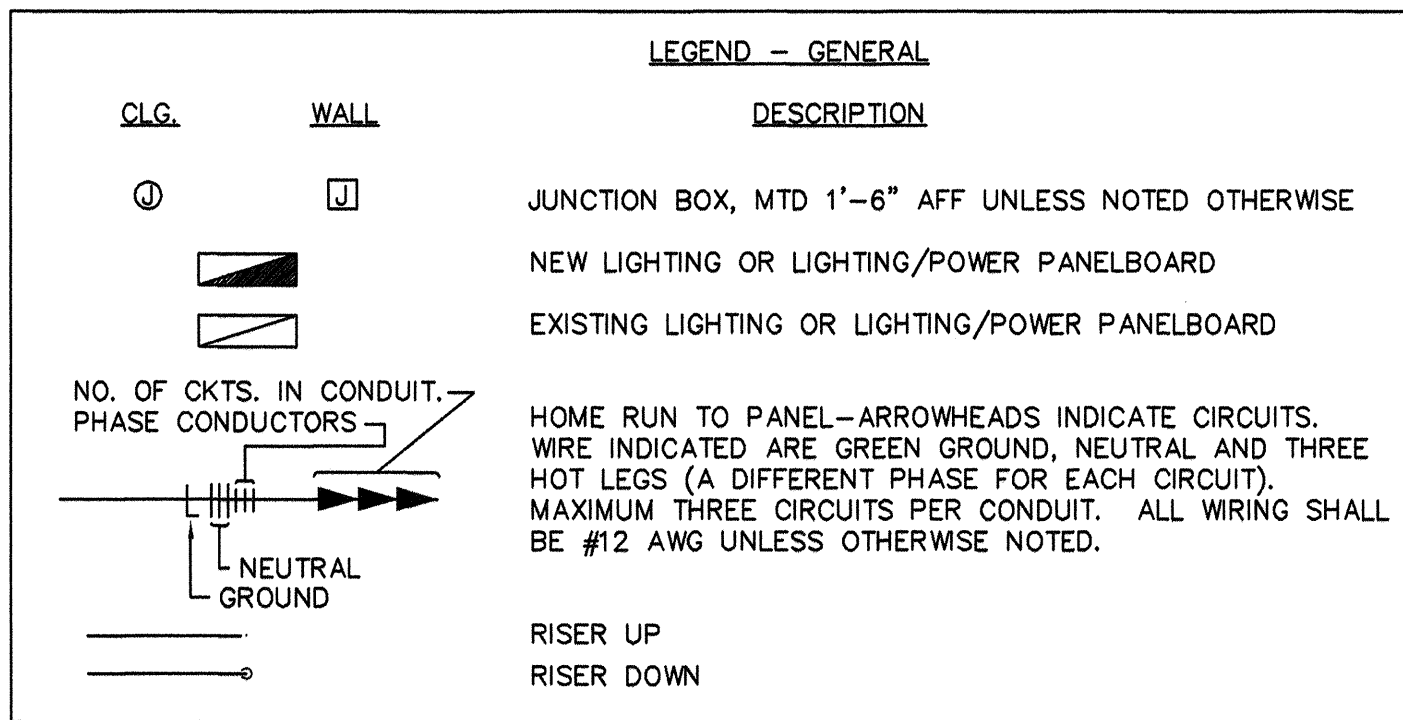


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one quarter inch = one foot
one eighth inch = one foot



GENERAL NOTES:

- NEW BRANCH CIRCUITS SHALL NOT HAVE SHARED NEUTRALS. EACH CIRCUIT FED FROM A SINGLE POLE CIRCUIT BREAKER SHALL HAVE ITS OWN NEUTRAL.
- CONTRACTOR SHALL LABEL ALL SWITCHES AND RECEPTACLES IN ENTIRE CONSTRUCTION AREA, NEW AND EXISTING, WITH PANEL NAME AND CIRCUIT NUMBER. USE ENGRAVED OR PRINTED LABELS.
- ALL JUNCTION BOX COVERS AND ALL CONDUITS THAT CONNECT TO JUNCTION BOXES, NEW AND EXISTING IN CONSTRUCTION AREA, SHALL BE MARKED WITH PANEL AND CIRCUIT INFORMATION. USE BLACK PERMANENT MARKER.
- CONTRACTOR SHALL HIRE AND PAY ALL FEES AND COSTS OF TELEPHONE/DATA CONTRACTOR TO INSTALL ALL CABLING, TERMINATIONS, AND WIRING DEVICES INDICATED. THE CONTRACTOR SHALL COORDINATE WITH THE COTR TO SELECT A TELEPHONE/DATA CONTRACTOR THAT IS ACCEPTABLE TO THE OWNER.
- ALL CONTRACTOR PERSONNEL ARE REQUIRED TO ATTEND THE OSHA TRAINING TO MEET THE OWNER'S REQUIREMENTS. ALL CONTRACTOR PERSONNEL ARE REQUIRED TO COMPLETE SECURITY CLEARANCE REQUIREMENTS.
- NO WORK IN WALLS OR CEILING SHALL BE COVERED PERMANENTLY UNTIL COTR APPROVES OF WORK BEING COVERED.
- MINIMUM SIZE CONDUCTOR FOR ALL WIRING 120V AND GREATER SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

LIGHT FIXTURE SCHEDULE

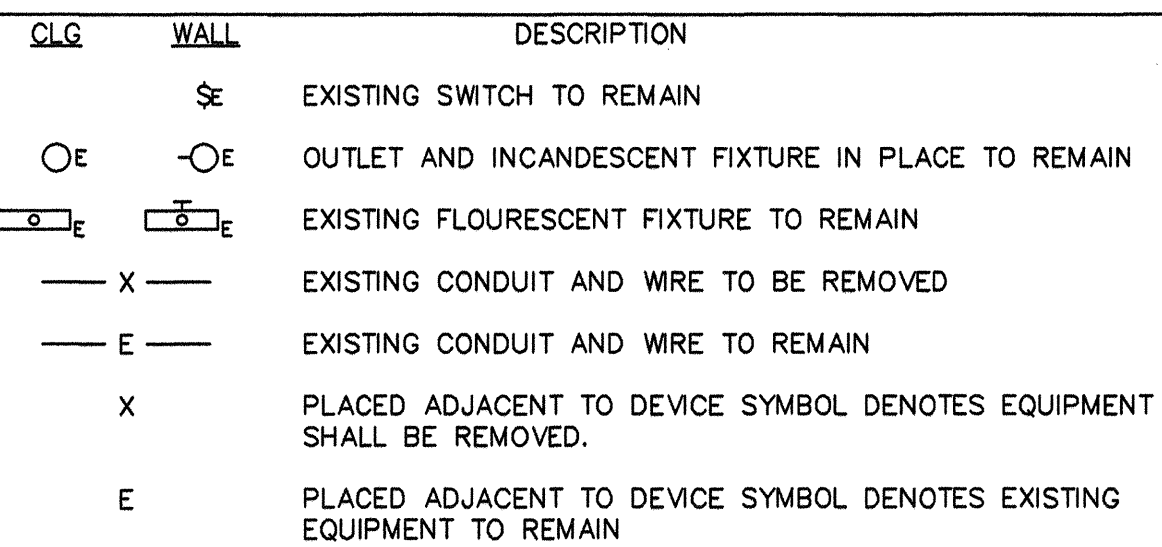
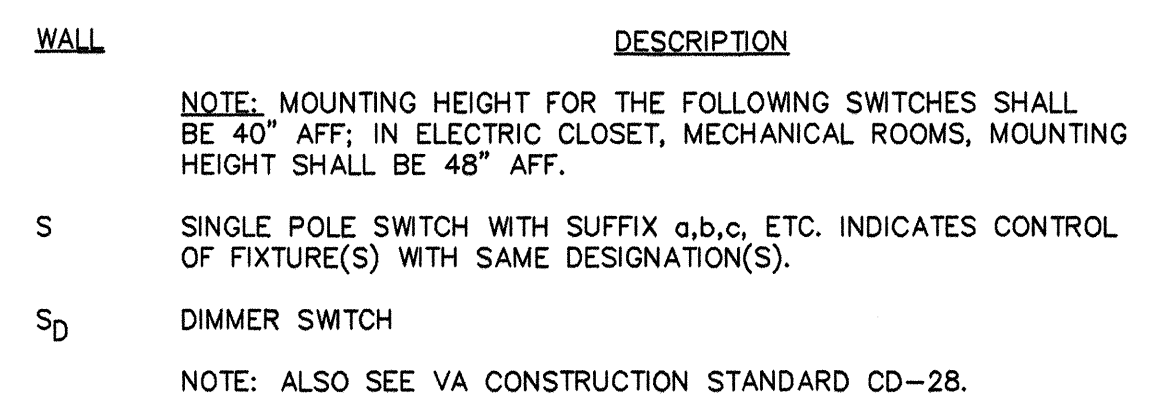
MARK	MANUFACTURER AND MODEL	LAMPS	MOUNTING	FINISH	REMARKS
			CLG	WALL	
A	METALUX 26C8317AUNVER82	(3)--F17T8 4100K	X		WHITE
B	PORTFOLIO LD615-D010-ERM6-840-6LM0-U	L.E.D.	X		ALUM
Q	LIGHTTECH L-9193-I	25W, A19, INC.	X	X	
SD	LUTRON NOVA T STAR 0-10V TO MATCH DRIVERS IN TYPE B FIXTURES				X-RAY IN USE WARNING LIGHT. REFER TO POWER PLAN FOR LOCATIONS.

PNL: A24 SERVICE: 120/208V, 1PH, 3W ISC RATING: 10,000 AIC NO SERIES RATINGS ACCEPTED				PNL TYPE: SQUARE D NQ BUS: 100A COPPER WITH GROUND BUS				CAB: FLUSH, NEMA 1 MAIN: 100A MAIN BREAKER FEED: TOP					
SERVING	WIRE SIZE	AMPS	POLES	CIRC. NO.	PHASE LOADING AMPS		CIRC. NO.	POLES	AMPS	WIRE SIZE	SERVING		
					A	B							
EXISTING LOAD	12	20	2	1	—	3	—	1.5	4	1	20	12	REC. EAST
				5	—				6	1	20	12	REC. CONTROL
EXISTING LOAD	12	20	1	3	—				6	1	20		SPARE
EXISTING LOAD	12	20	1	7	—				8	1	20		SPARE
EXISTING LOAD	12	20	1	9	—				10	1	20		SPARE
EXISTING LOAD	12	15	1	11	—				12	1	20		SPARE
EXISTING LOAD	12	15	1	13	—				14	1	20		SPARE
EXISTING LOAD	12	15	1	15	—				16	1	20		SPARE
EXISTING LOAD	12	15	1	17	—				18	1	20		SPARE
SPARE		20	1	19					20	1	20		SPARE
SPARE		20	1	21					22	1	20		SPARE
SPARE		20	1	23					24	1	20		SPARE
SPARE		20	1	25					26	1	20		SPARE
SPARE		20	1	27					28	1	20		SPARE
SPARE		20	1	29					30	1	20		SPARE

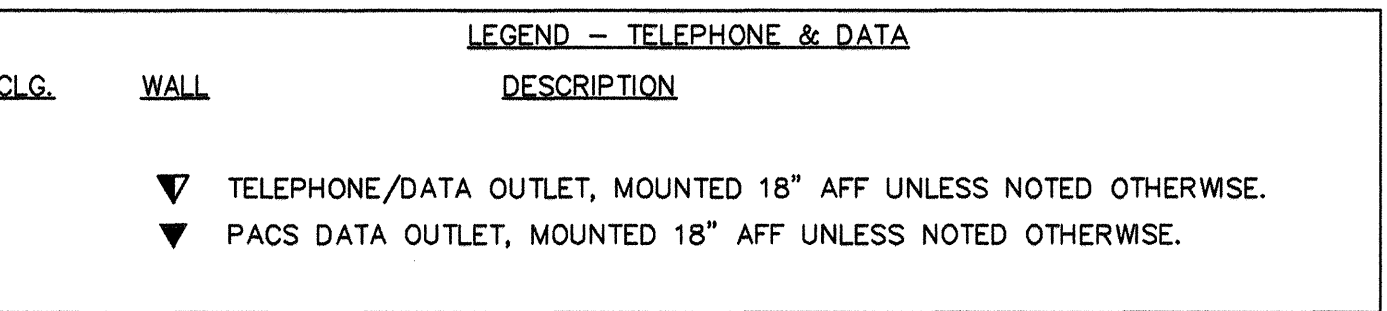
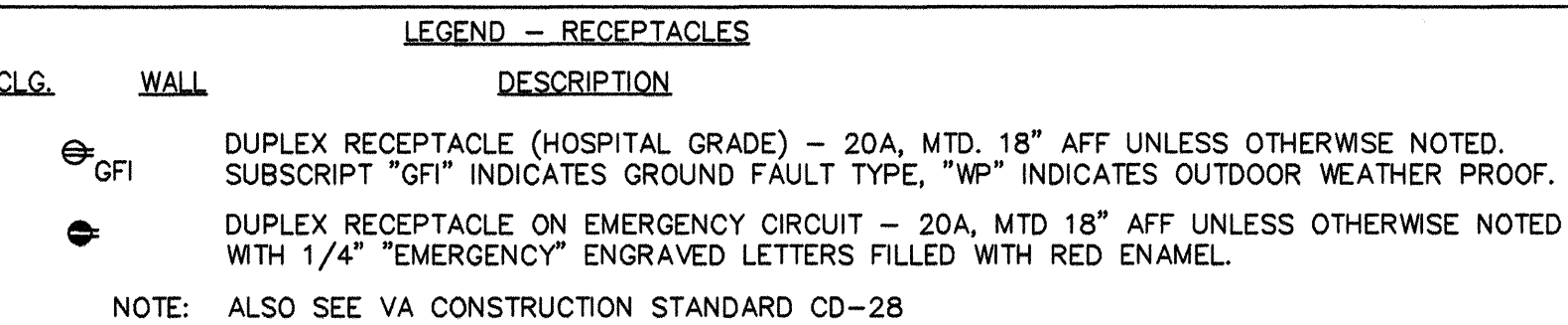
GENERAL NOTES:

- G1 MINIMUM SIZE CONDUCTOR FOR ALL WIRING 120V AND GREATER SHALL BE #12 AWG UNLESS NOTED OTHERWISE.

LEGEND - SWITCHES

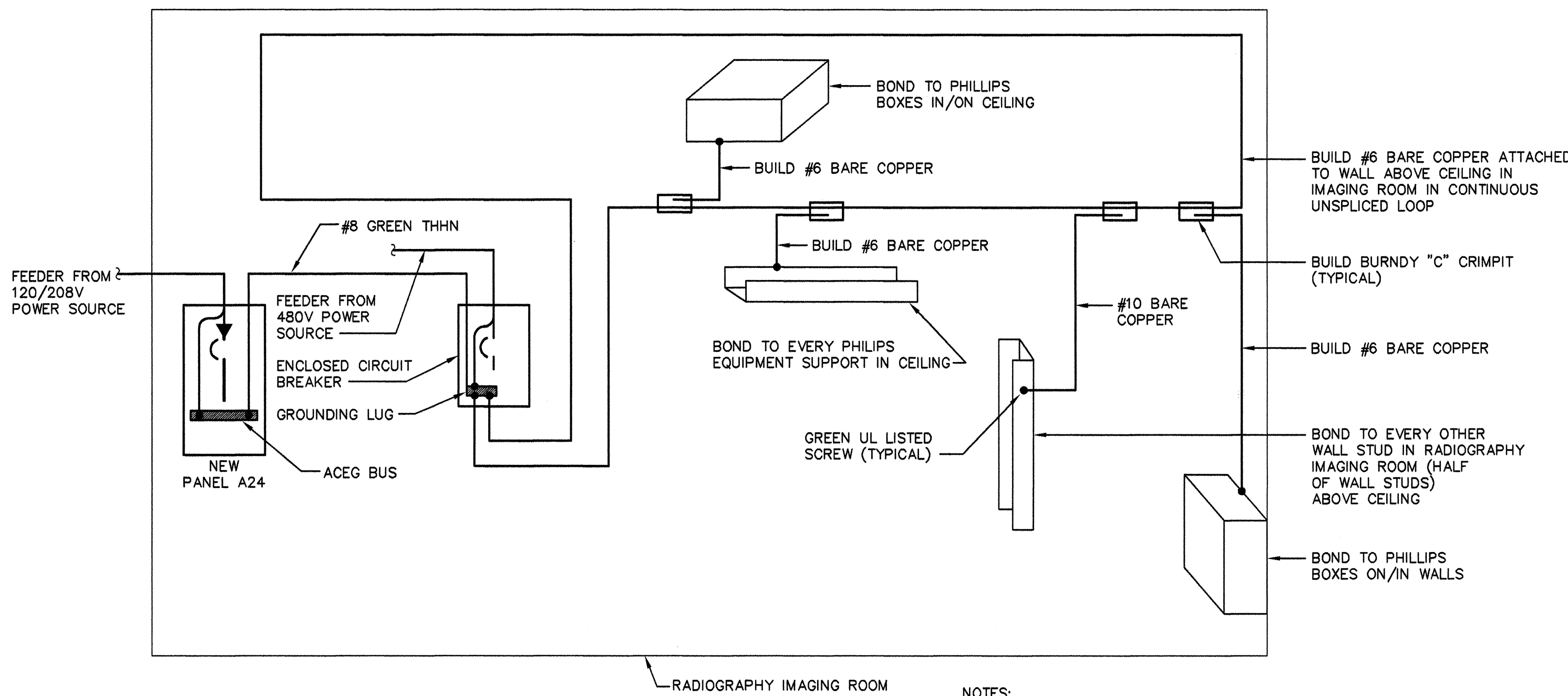


SYMBOLS - REWIRING AND DEMOLITION



ABBREVIATIONS

ABBREV.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
CB, C/B	CIRCUIT BREAKER
CKT	CIRCUIT
CKT BKR	EXISTING
DN	DOWN
EXIST	EXISTING
ELEC	ELECTRIC
GND	GROUND
G.F.T.	GROUND FAULT INTERRUPTER
JB	JUNCTION BOX
LTS	LIGHTS
LTC	LIGHTING
MLO	MAIN LUGS ONLY
P	POLE
PNL	PANEL
RECEPT	RECEPTACLE
V	VOLTAGE
W	WIRE
W/	WITH
XFMR	TRANSFORMER



- NOTES:**
- ALL GROUNDING TERMINATIONS SHALL BE LOCATED FOR CONVENIENT INSPECTION AND MAINTENANCE.
 - BOND NORMAL AND EMERGENCY PANELBOARDS FEEDING ROOM WITH #8 (MIN) THHN GROUND WIRE.

1 IMAGING ROOM GROUNDING DETAIL

TITLE: JCM VA MEDICAL CENTER DATA AND TELEPHONE WIRING

- INSTRUCTIONS TO INSTALLERS (PROVIDE TO ALL CONSTRUCTION CONTRACTORS)
 - MUSKOGEE VA AND ALL CB/C'S SHALL HAVE CAT 5E CABLE BLUE FOR PHONES AND GRAY CABLE FOR DATA A & B.
 - TULSA CB/C SHALL HAVE CAT 5E CABLE GREY FOR PHONES AND BLUE CABLE FOR DATA A & B.
- ALL WALL JACKS MUST BE LABELED PERMANENTLY IN THE FOLLOWING MANNER: BUILDING-FLOOR-JACK NUMBER-ROOM NUMBER OF CLOSET. EXAMPLE: 1-1-33-148B (BUILDING 1, FLOOR 1, JACK 33, CLOSET ROOM NUMBER 148B. DO NOT INCLUDE ANY DASHES IN THE ROOM NUMBER.) THE JACK NUMBER INDICATES THE PUNCH DOWN/POSITION OF THE CLOSET CONNECTION. ALL JACKS ON THE SAME PLATE SHOULD HAVE THE SAME NUMBER IF POSSIBLE. EXCEPTIONS MUST BE CLEARLY INDICATED ON THE PLATE AND IN THE CLOSET. BE AWARE OF THE FACT THAT WIRING ON THE ISLANDS AT NURSING WORKSTATIONS IS NORMALLY CONNECTED TO THE WIRING CLOSET ON THE FLOOR BELOW. THE PLATE/JACK LABELS MUST REFLECT THIS. ALL WALL PLATES SHALL BE AS FOLLOWS:
WALL PLATE NUMBERS
M14-246 QUADPLEX (SYSTEMAX SOLUTIONS)
- ALL WIRING MUST BE PUNCHED DOWN AT THE WALL JACK AND IDF ACCORDING TO THE FOLLOWING COLOR CODES AND STANDARDS:
 - PHONE WALL JACKS WILL BE BLUE AND WILL BE LOCATED AT THE UPPER LEFT SIDE OF THE WALL PLATE. THEY WILL BE PUNCHED DOWN ACCORDING TO THE TIA-568-B WIRING STANDARD. IN THE WIRING CLOSET THE BLUE CABLE WILL BE PUNCHED DOWN ON THE FOLLOWING EQUIPMENT: ALL PHONE WALL JACKS SHALL BE AS FOLLOWS:
JACK PART NUMBERS
MPST00E-318 BLUE (SYSTEMAX SOLUTIONS)
 - THE DATA A JACK WILL BE ORANGE AND WILL BE LOCATED ON THE UPPER RIGHT SIDE OF THE PLATE. IT WILL BE WIRED ACCORDING TO THE TIA-568-B WIRING STANDARD AS SHOWN BELOW. IT WILL BE PUNCHED DOWN IN THE WIRING CLOSET ON THE PATCH PANEL ACCORDING TO THE COLOR CODE SHOWN ON THAT PANEL. ALL DATA A JACKS SHALL BE AS FOLLOWS:
JACK PART NUMBERS
MPST00E-112 ORANGE DATA A (SYSTEMAX SOLUTIONS)
 - THE DATA B JACK WILL BE RED AND WILL BE LOCATED ON THE LOWER LEFT SIDE OF THE PLATE. IT WILL BE WIRED ACCORDING TO THE TIA-568-B WIRING STANDARD AS SHOWN BELOW. IT WILL BE PUNCHED DOWN IN THE WIRING CLOSET ON THE 110 WIRING BLOCK ACCORDING TO THE COLOR CODE SHOWN ON THAT PANEL. ALL DATA B JACKS SHALL BE AS FOLLOWS:
JACK PART NUMBERS
MPST00E-317 RED DATA B (SYSTEMAX SOLUTIONS)
 - THE TERMINATIONS IN THE WIRING CLOSETS SHALL BE ON THE FOLLOWING PUNCH DOWN BLOCKS.
*MUSKOGEE VA - 110 WIRING BLOCKS / 48 PORT PATCH PANELS
*TULSA OPC DATA- 48 PORT PATCH PANELS (ONLY)/PHONES 110 WIRING BLOCKS
*MUSKOGEE ADMIN LEASE - 48 PORT PATCH PANELS.
*TULSA 11TH STREET - 48 PORT PATCH PANELS.
**ANY OTHER CB/C SITE PLEASE CONTACT IRMS.

NETWORK/TELEPHONE JACK WIRING (AT WALL PLATE)		
Pin #	TIA-568-B	TIA-568-B Color
1	White/Orange	
2	Orange/White	
3	White/Green	
4	Blue/White	
5	White/Blue	
6	Green/White	
7	White/Brown	
8	Brown/White	

IN THE TABLE ABOVE THE PREDOMINANT COLOR IS LISTED FIRST.
WHITE/ORANGE=WHITE WITH ORANGE STRIPE.
CONTACT IRMS HELP DESK AT EXTENSION 3746 IF YOU HAVE QUESTIONS CONCERNING WIRING INSTALLATION.
ALL MATERIALS USED MUST "MATCH EXISTING".

CAD#24674 JAN-30-12 L&B PROJ #5996

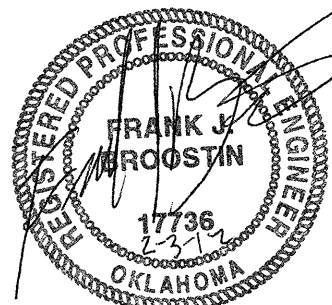
100% Construction Documents	02/08/12
90% Design Review	01/06/12
85% Design Review	11/04/11
30% Design Review	09/30/11
Revisions	Date

ARCHITECTS/ENGINEERS/CONSULTANTS:

ARCHITECT:
SPUR DESIGN LLC
One Santa Fe Plaza, Suite 101
Tulsa, Oklahoma 74112
Oklahoma City, Oklahoma 73102

MEP ENGINEER:
Lee & Browne Consulting Engineers, Inc.
1207 S. Sheridan Road
Tulsa, Oklahoma 74112
OK CA 252 EXP: 6/13

HEALTHCARE CONSULTANT:
JUNK ARCHITECTS
802 Broadway, 5th Floor
Kansas City, Missouri 64105



SPUR DESIGN
ARCHITECTURE • INTERIOR DESIGN • GREEN DESIGN

ONE SANTA FE PLAZA, SUITE 101
OKLAHOMA CITY, OKLAHOMA 73102

WWW.SPUR-DESIGN.COM
PHONE: 405 • 272 • 1072
OK CERTIFICATE OF AUTHORITY NO: 022295

Drawing Title
ELECTRICAL LEGENDS, SCHEDULES, AND DETAILS

Project Title
Site Prep for X-Ray Room #2
Jack C. Montgomery VA Med. Center

Location
V.A.M.C. Muskogee, OK

Date
02/08/12

Checked

Drawn

Project Number
623-10-106

Building Number
1

Drawing Number
E101

Office of Construction and Facilities Management

Department of Veterans Affairs