

SECTION 00911 - ADDENDUM NUMBER 2

PARTICULARS

- 1.01 DATE: July 23, 2014
- 1.02 PROJECT: USC - SOM BUILDING 1 - 4TH FLOOR ANIMAL SURGERY LAB RENOVATIONS
- 1.03 PROJECT NUMBER: State Project #H27-I901, A/E #13030.01
- 1.04 OWNER: University of South Carolina
- 1.05 ARCHITECT: GMK Associates, Inc.
- TO: PROSPECTIVE BIDDERS
- 2.01 This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated May 9, 2014, with amendments and additions noted below.
- 2.02 Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.
- 2.03 This Addendum consists of 1 page and the following attachments:
 - A. Drawings: E0.0 and E3.4

CHANGES TO THE PROJECT MANUAL

- 3.01 Section 15183 - HYDRONIC SPECIALTIES
 - A. Add Paragraph 2.06.A to the project manual
"6. Nexus Valve"
- 3.02 Section 15840 - AIR TERMINAL UNITS
 - A. Add Paragraph 2.02.A.3 to the project manual
 - B. "3. Price"
 - C. Add Paragraph 2.02.A.4 to the project manual
"4. CRITICAL ROOM CONTROLS"

CHANGES TO THE DRAWINGS

- 5.01 Drawing E0.0
 - A. This drawing has been revised and is reissued as an attachment to this Addendum.
- 5.02 Drawing E3.4
 - A. This drawing has been revised and is reissued as an attachment to this Addendum.

END OF ADDENDUM NO. 2

ALL RIGHTS RESERVED. THIS DRAWING AND THE DESIGN SHOWN THEREON ARE COPYRIGHTED AS PRESCRIBED BY THE LAWS OF THE UNITED STATES AND ARE THE PROPERTY OF GWK ASSOCIATES ARCHITECTURAL DIVISION. ANYONE DUPLICATING, REPRODUCING OR CAUSING TO BE REPRODUCED THE WHOLE OR PART OF THESE DRAWINGS OR THE DESIGN THEREON WITHOUT PERMISSION OF THE ARCHITECT WILL BE SUBJECT TO LEGAL ACTION.

consultants




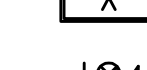
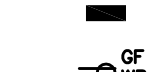
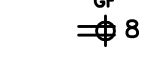

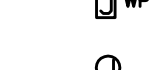


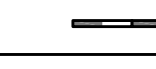









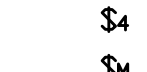
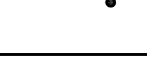

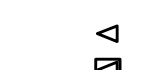

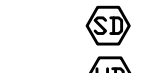


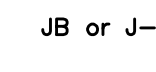












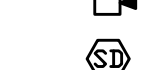
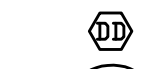







USC CAMPUS PLANNING AND
CONSTRUCTION
743 GREENE STREET
COLUMBIA, SOUTH CAROLINA 29208






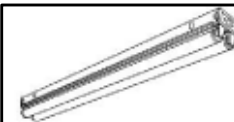








project name

USC SOM - BLDG #1
4TH FLOOR ANIMAL SURGERY LAB
H27-6100-D

project number
13030.01

seals/signature

ELECTRICAL SYMBOL SCHEDULE					
SYMBOL			SYMBOL		
DESCRIPTION			DESCRIPTION		
 LP1-2,4 BRANCH CIRCUIT RACEWAY. RUN CONCEALED IN CEILING OR WALLS. ARROWHEAD DENOTES HOMERUN TO PANEL. CROSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE TO BE INSTALLED. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN.  LP1-2,4 BRANCH CIRCUIT RACEWAY. RUN IN AND/OR UNDER SLAB. ARROWHEAD DENOTES HOMERUN TO PANEL. CROSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE TO BE INSTALLED. TEXT DENOTES PANEL NAME AND CIRCUIT NUMBERS FOR HOMERUN. INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND ASP PER CODE.  FLEXIBLE CONDUIT. WEATHERPROOF TYPE WHEN CONNECTED TO MOTORS. CROSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE INSTALLED. INSTALL GROUND WIRE WIRE #12 AWG MINIMUM.  SPACE NAME AND NUMBER. COORDINATE WITH ARCHITECTURAL SPACE NUMBER.			 ELECTRICAL CIRCUIT BREAKER PANELBOARD.  DUPLEX RECEPTACLE, 120 VOLT, 20 AMP. WALL MOUNTED, GROUND FAULT CIRCUIT INTERRUPTER, 16" AFF. THE NUMBER DENOTES CIRCUIT NUMBER. "WP" DENOTES WEATHERPROOF COVER.  DUPLEX RECEPTACLE, 120 VOLT, 20 AMP. WALL MOUNTED. THE NUMBER DENOTES CIRCUIT NUMBER. "GF" DENOTES GFCI RECEPTACLE.  2 - 120 VOLT, 20 AMP DUPLEX RECEPTABLES, WALL MOUNTED, 16" AFF, UNLESS OTHERWISE NOTED. THE NUMBER DENOTES CIRCUIT NUMBER.  2 - 120 VOLT, 20 AMP DUPLEX RECEPTABLES, WALL MOUNTED. THE NUMBER DENOTES CIRCUIT NUMBER. "GF" DENOTES GFCI RECEPTACLE.  DUPLEX RECEPTACLE, 120 AMP, 120 VOLT, CEILING MOUNTED. NUMBER DENOTES CIRCUIT NUMBER.  FLUSH WALL MOUNTED JUNCTION BOX, SIZED PER NEC. "WP" DENOTES NEMA 3R WEATHERPROOF. PROVIDE AND INSTALL A FLUSH COVER PLATE.  JUNCTION BOX, MOUNTED ABOVE CEILING, SIZED PER NEC. REFER TO THE NEC TO MAINTAIN CLEARANCE.  RECEPTACLE, 240 VOLT, WALL MOUNTED. THE ONE NUMBER DENOTES THE AMPERE RATING. THE TWO NUMBER DENOTES CIRCUIT NUMBER.  RECEPTACLE, 240 VOLT, WALL MOUNTED HIGH. THE ONE NUMBER DENOTES THE AMPERE RATING. THE TWO NUMBER DENOTES CIRCUIT NUMBER.  FRACTIONAL HORSEPOWER MOTOR.  SURFACE WALL MOUNTED DISCONNECT SWITCH. HEAVY DUTY.  SURFACE WALL MOUNTED COMBINATION STARTER/DISCONNECT SWITCH. HEAVY DUTY.  TWO CHANNEL SURFACE MOUNTED RACEWAY FOR POWER AND DATA, WITH DUPLEX POWER RECEPTABLES AND TWO PORT DATA RECEPTABLES.		
 X CEILING MOUNTED FLUORESCENT LIGHT FIXTURE. LETTER DENOTES TYPE OF FIXTURE  EXIT SIGN. REFER TO FIXTURE SCHEDULE. DARKENED AREA DENOTES SIGN FACE. NUMBER DENOTES CIRCUIT NUMBER. STEM DESIGNATES WALL MOUNTING. NO STEM DENOTES CEILING MOUNTING.  DOUBLE FACED EXIT SIGN. NOTATION SAME AS ABOVE. ARROWS DENOTE EXIT DIRECTION.  LIGHT SWITCH, SPST, 20A, 48" AFF.  LIGHT SWITCH, 3-WAY, 20A, 48" AFF.  LIGHT SWITCH, 4-WAY, 20A, 48" AFF.  MANUAL MOTOR STARTER FOR USE AS A DISCONNECT ON FRACTIONAL HORSEPOWER MOTORS.  CONDUIT FLOOR STUB-UP. DENOTES THAT ELECTRICAL DEVICE IS SURFACE MOUNTED.			 SINGLE PORT VOICE OUTLET RECEPTACLE. FLUSH WALL MOUNTED, 16" AFF.  TWO PORT COMBINATION TELEPHONE AND DATA OUTLET RECEPTACLE, FLUSH WALL MOUNTED.  SINGLE GANG DATA OUTLET. FLUSH WALL MOUNTED, 16" AFF.  DATA OUTLET. FLOOR MOUNTED.  SINGLE GANG DATA OUTLET. FLUSH WALL MOUNTED, 48" AFF OR HIGHER.  TELEPHONE OUTLET. FLUSH WALL MOUNTED, 48" AFF OR HIGHER.  WALL MOUNTED FIRE ALARM HORN WITH FLASHING LIGHT. NUMBER DENOTES LIGHT LEVEL OF STROBE.  FIRE ALARM VISUAL UNIT WITH STROBE LIGHT. MOUNTED 80" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER. NUMBER DENOTES LIGHT LEVEL OF STROBE.  CEILING MOUNTED SMOKE DETECTOR. IONIZATION.  CEILING MOUNTED HEAT DETECTOR. 130T.  PHOTOELECTRIC SMOKE DETECTOR MOUNTED ON AIR DUCT WITH SAMPLING TUBE THE FULL WIDTH OF DUCT, FURNISHED AND WIRED BY THE EC, INSTALLED BY THE MC.  CEILING MOUNTED FIRE ALARM HORN WITH FLASHING STROBE. NUMBER DENOTES LIGHT LEVEL OF STROBE.		
COMMUNICATIONS/SIGNAL  SINGLE PORT VOICE OUTLET RECEPTACLE. FLUSH WALL MOUNTED, 16" AFF.  TWO PORT COMBINATION TELEPHONE AND DATA OUTLET RECEPTACLE SAME AS ABOVE, EXCEPT MOUNTED 48" AFF OR HIGHER.  SINGLE GANG DATA OUTLET. FLUSH WALL MOUNTED, 16" AFF.  DATA OUTLET. FLOOR MOUNTED.  SINGLE GANG DATA OUTLET. FLUSH WALL MOUNTED, 48" AFF OR HIGHER.  TELEPHONE OUTLET. FLUSH WALL MOUNTED, 48" AFF OR HIGHER.  WALL MOUNTED FIRE ALARM HORN WITH FLASHING LIGHT. NUMBER DENOTES LIGHT LEVEL OF STROBE.  FIRE ALARM VISUAL UNIT WITH STROBE LIGHT. MOUNTED 80" AFF OR 12" BELOW CEILING, WHICHEVER IS LOWER. NUMBER DENOTES LIGHT LEVEL OF STROBE.  CEILING MOUNTED SMOKE DETECTOR. IONIZATION.  CEILING MOUNTED HEAT DETECTOR. 130T.  PHOTOELECTRIC SMOKE DETECTOR MOUNTED ON AIR DUCT WITH SAMPLING TUBE THE FULL WIDTH OF DUCT, FURNISHED AND WIRED BY THE EC, INSTALLED BY THE MC.  CEILING MOUNTED FIRE ALARM HORN WITH FLASHING STROBE. NUMBER DENOTES LIGHT LEVEL OF STROBE.			ABBREVIATIONS AMPERE AFF ABOVE FINISHED FLOOR. ATS AUTOMATIC TRANSFER SWITCH BKR BREAKER CKT CIRCUIT. EC EXISTING ELECTRICAL DEVICE EFC ELECTRICAL CONTRACTOR, DIVISION 16. EF EXHAUST FAN FCU FAN COIL UNIT. GC GENERAL CONTRACTOR, DIVISION 00 THROUGH 14. GF GROUND FAULT CIRCUIT INTERRUPTER. JB OR J-J BOX KVA KILOWATT AMPERES. KLOM KILOWATT. MAX MAXIMUM. MC MECHANICAL CONTRACTOR, DIVISION 15. MD DISTRIBUTION PANEL. MIN MINIMUM. MFC MINIMUM. VFD VARIABLE FREQUENCY DRIVE 2011 NATIONAL ELECTRICAL CODE. (NFPA 70). NEC SWITCHBOARDS. TYP TYPICAL. WC WATER COOLER. XFMR TRANSFORMER.		

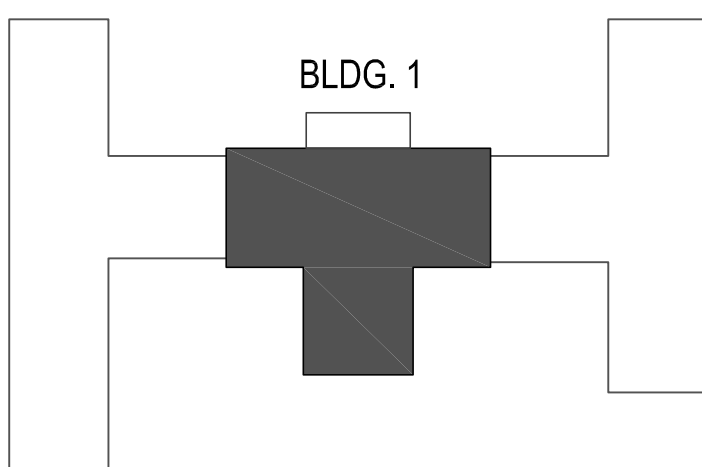
LIGHT FIXTURE SCHEDULE				
	TYPE	DESCRIPTION	CATALOG NO.	LAMPS
 <div style="border: 1px solid black; padding: 2px; display: inline-block;">A</div>	A	FLUORESCENT, 2' x 4', 4 LAMP RECESSED TROFFER NO PRE PAINT WITH 2-2 LAMP BALLAST.	LITHONIA 2678-432-A12125-1MOLT-1/2,1/2-CEB10S-PAF	4-F32W/SP441/EOO 
	A2	FLUORESCENT, 2' x 4', 2 LAMP RECESSED TROFFER NO PRE PAINT.	LITHONIA 2678-232-A12125-1MOLT-GEB10S-PAF	2-F32W/SP441/EOO 
	A2E	FLUORESCENT, 2' x 4', 2 LAMP RECESSED TROFFER NO PRE PAINT. 2-1 LAMP BALLAST. 1-1 LAMP BALLAST ON EMERGENCY CIRCUIT.	LITHONIA 2678-232-A12125-1MOLT-1/1,1/1-GEB10S-PAF	2-F32W/SP441/EOO 
	A3	FLUORESCENT, 2' x 4', 3 LAMP RECESSED TROFFER NO PRE PAINT.	LITHONIA 2678-332-A12125-1MOLT-GEB10S-PAF	3-F32W/SP441/EOO 
	C	FLUORESCENT, 4 FOOT, 2 LAMP STRIP LIGHT.	COLUMBIA CS4-232-EU-CSW64-PAF-DL 120 VOLT	2-F32W/SP441/EOO 
	C1	FLUORESCENT, 4 FOOT, 2 LAMP STRIP LIGHT. 120 VOLT	COLUMBIA K4A-232-EU-CSW64-PAF-KHC 120 VOLT	2-F32W/SP441/EOO 
	K	RECESSED CFL SHOWER LIGHT. 1-32W LAMP. 120 VOLT.	PRESOLITE LFG6PH1 32EB 60FH1 GROL 120 VOLT	1-32W TRIPLE TUBE
	K1	FLUORESCENT, ROUND, 6" RECESSED COMPACT FLOURESCENT DOWNLIGHT. 1-32W LAMP, CLEAR ALZAK REFLECTOR. 120V	PRESOLITE LFG6V 32EB 60VF 120 VOLT	1-32W TRIPLE TUBE
	P1	TRIM, LOW-PROFILE UNDERCABINET LIGHT FIXTURE 120 VOLT.	LITHONIA UC33E-120-LPW-W-PAF	1-9W T5 1-13W T5
	T	6" L.E.D., RECESSED, DIMMABLE, ROUND, OPEN DOWNLIGHT FIXTURE.	SPECTRUM SOVBLEDS-57-400-35101-SG50 	1-37w L.E.D.
		EXIT LIGHT. SEE PLANS TO DETERMINE WHICH UNITS ARE SINGLE / DOUBLE FACED WALL OR CEILING MOUNTED. WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT 6" ABOVE TOP OF DOOR FRAME. LED.	WCPHLEBN BCXL-3-R-W 120 VOLT INPUT	LED
NOTE #1:		ALL RECESSED LIGHT FIXTURES SHALL BE HUNG WITH 4 HANGER WIRES SO THAT THE WEIGHT IS INDEPENDENT OF THE CEILING GRID. ALL RECESSED FIXTURES SHALL BE INSTALLED WITH EARTHQUAKE CLIPS. ALL 2' AND 4' FLUORESCENT FIXTURES SHALL BE EQUIPPED WITH T8 LAMPS AND ELECTRONIC BALLASTS, UNLESS OTHERWISE NOTED. COORDINATE FIXTURE LOCATIONS WITH THE REFLECTED CEILING PLAN AND THE HVAC PLAN.		
NOTE #2:		THE NUMBER AFTER THE FIXTURE CATALOG NUMBER DENOTES NUMBER OF BALLASTS (EXAMPLE: 1/4 DENOTES 1 - 4 LAMP BALLAST).		

issued for
CONSTRUCTION DOCUMENTS

date
MAY 9, 2014

[illegible]

key plan



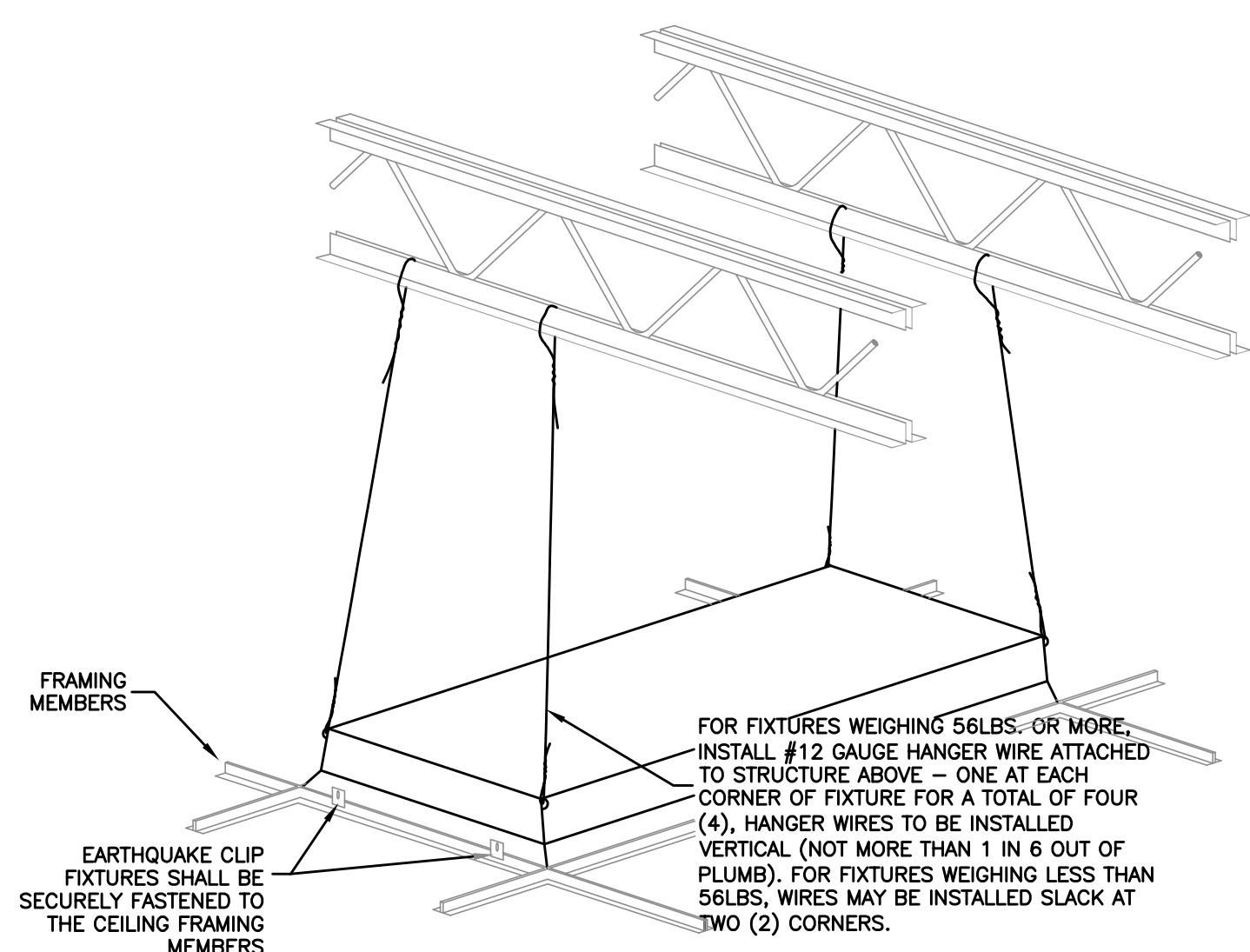
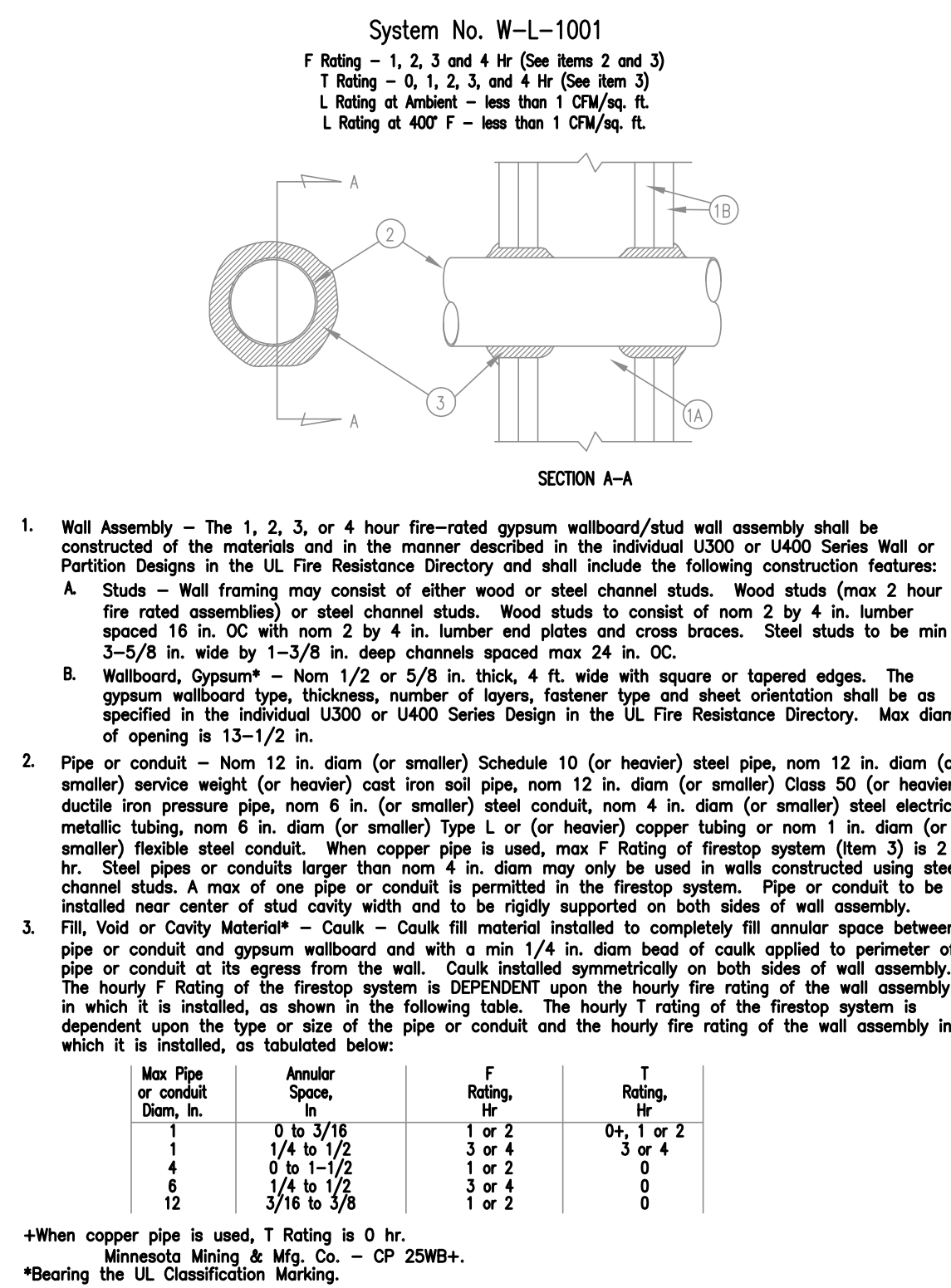
sheet title
**ELECTRICAL SYMBOLS,
SCHEDULES, AND DETAILS**

sheet number

E0.0

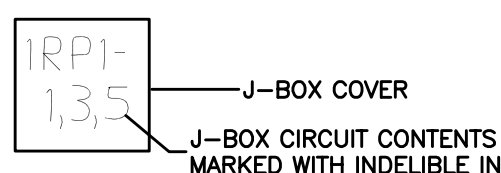
drawn by TLE

checked by JBF



2 RECESSED LIGHTING FIXTURE DETAIL

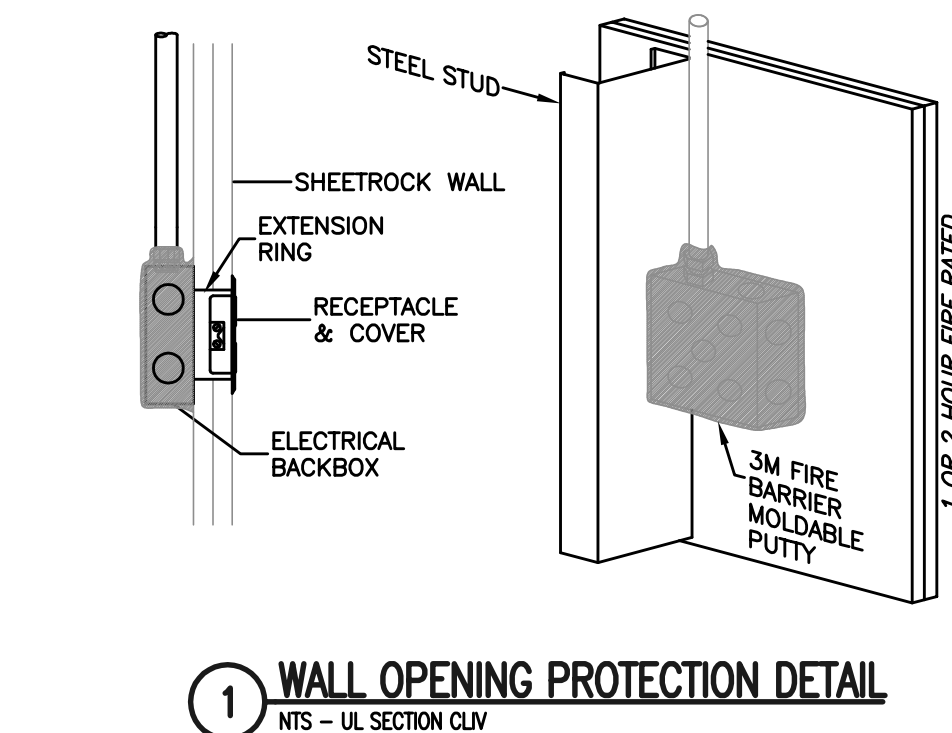
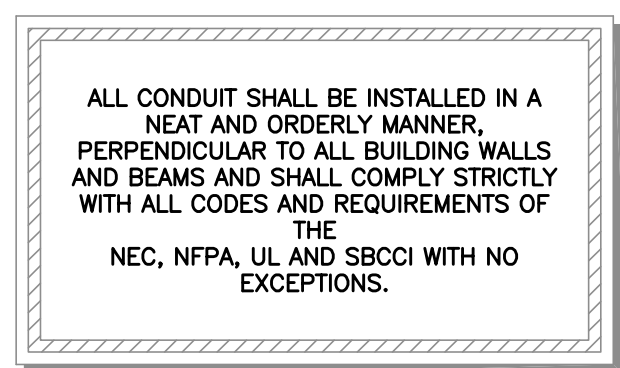
WHERE FIXTURES ARE HUNG IN A FIRE RATED CEILING,
THE CEILING CONTRACTOR SHALL PROVIDE FIRE PROTECTION
AS SHOWN IN UL FIRE RESISTANCE BOOK AS DESIGN NOTE P230 OR P510.



ALL EXPOSED J-BOXES, NOT INCLUDING ELECTRICAL OR MECHANICAL ROOMS, SHALL BE MARKED ON THE INSIDE COVER. ALL OTHERS SHALL BE MARKED ON THE OUTSIDE.

ALL J-BOXES CONTAINING FIRE ALARM CIRCUITS SHALL BE PAINTED RED.

3 J-BOX COVER DETAIL



1 WALL OPENING PROTECTION DETAIL
MTS - JIL SECTION CUM

HILL TOP CONSTRUCTION CHEMICALS, DIV OF HILL INC. R13240
P.O. BOX 51400, DALLAS, TEXAS 75251
Hill's MAX-11 is used with max-41176 by Lufkin Metallic Outlets Inc. to install 1 and 2 hr rated gypsum wallboard assemblies framed with min 3/8"-in. wide steel studs and constructed as specified in the individual AIAO Series Wall and Partition Designs in the Fire Resistance Directory, Min./Yr. 1980. The Max-11 is applied to the exterior surface of the outlet boxes, over the entire surface of the box except for the side of the outlet box against the wall) and completely sealed against the wall within the fire resistance directory. Max-11 is also used on the interior surface of the outlet boxes if the wall is so directed, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 12 inches. Max-11 is not installed back-to-back. R7000
MINNETONKA MFG & SUP CO
DIVISION OF PULL MANUFACTURING
P.O. BOX 454, MINNETONKA, MN 55345
Type MPF-458 modifiable putty is used with max-41176 by Lufkin Metallic Outlets Inc. to install Metallic Outlet Boxes in fire rated gypsum wallboard wall assemblies framed with min 3/8"-in. wide steel studs and constructed as specified in the individual AIAO Series Wall and Partition Designs in the Fire Resistance Directory. Outlet boxes secured to wood studs by means of two nailing tabs on each side. R7000

HULTI CONSTRUCTION CHEMICALS, DIV OF HULTI INC.
5400 S 122ND EAST AVE, TULSA OK 74146

R13240

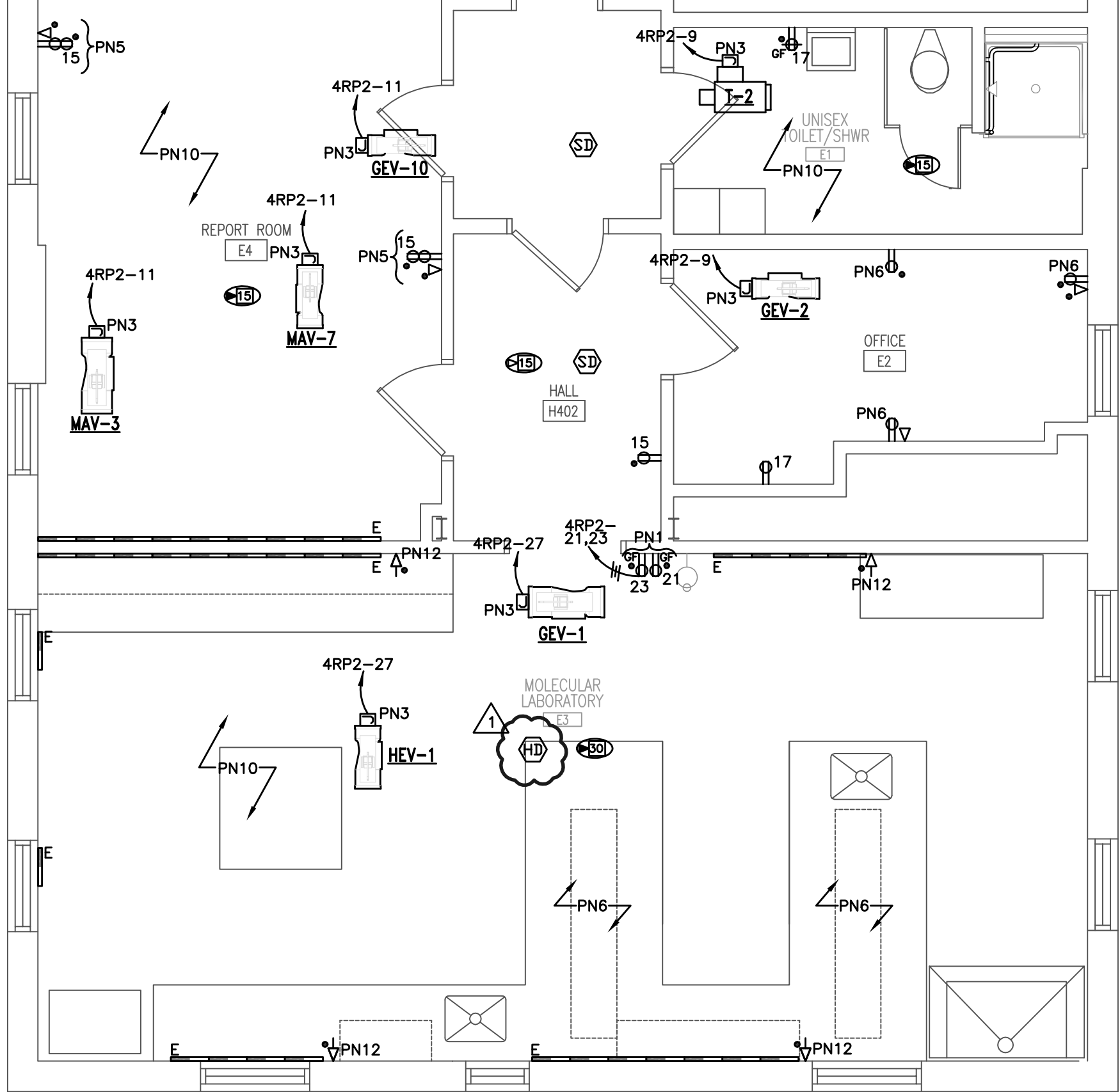
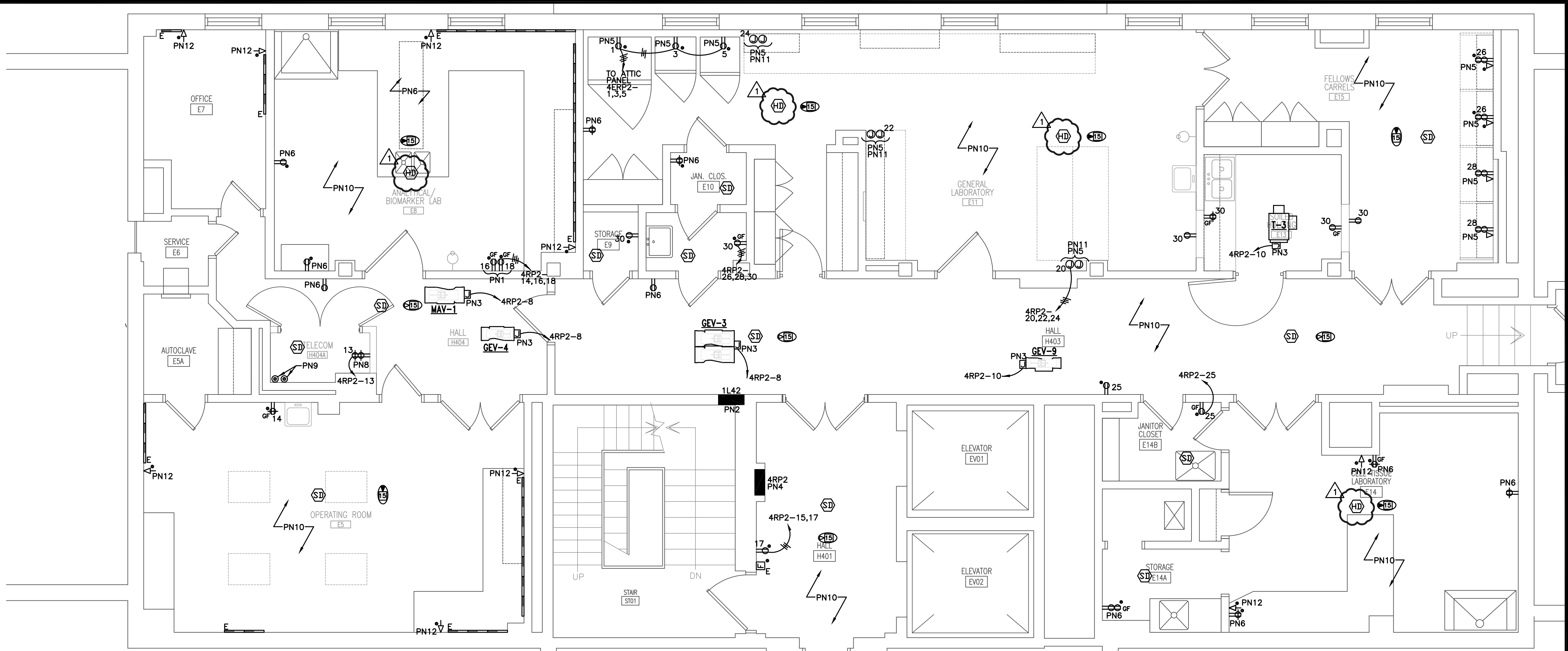
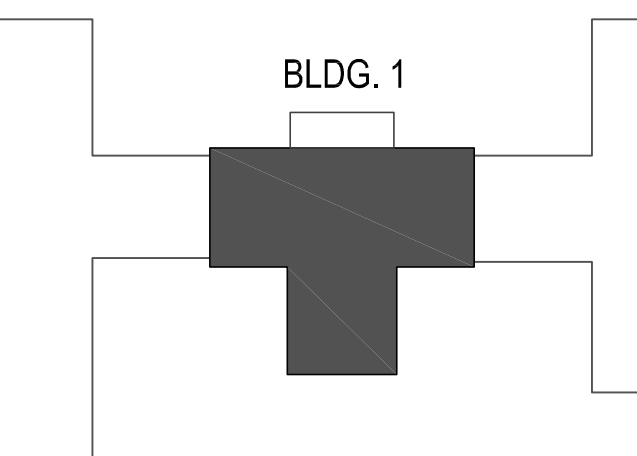
FS Pads, for use with max 4 by 4 in. flush device. Limit Metallic Outlet Boxes in 1 and 2 and three cast epoxy support wall assemblies framed with min 3-5/8 in. wide steel studs and constructed as follows:

a) Vertical portion of outlet box shall be Partition Design in the Fire Resistant Wall, min 1/8 in. thick moldable putty pads are to be installed to completely cover the exterior surfaces of the outlet box (except for the side of the outlet box against the stud) and completely seal against the stud within the fire resistant wall.

b) Horizontal portion of outlet box shall be covered with moldable putty pad on both sides of wall as provided, the horizontal separation between outlet boxes on opposite sides of the wall may be less than 24 in., provided that the boxes are not installed back to back.

D0709

number	item	date
1	ADDENDUM NO.1	07/23/14



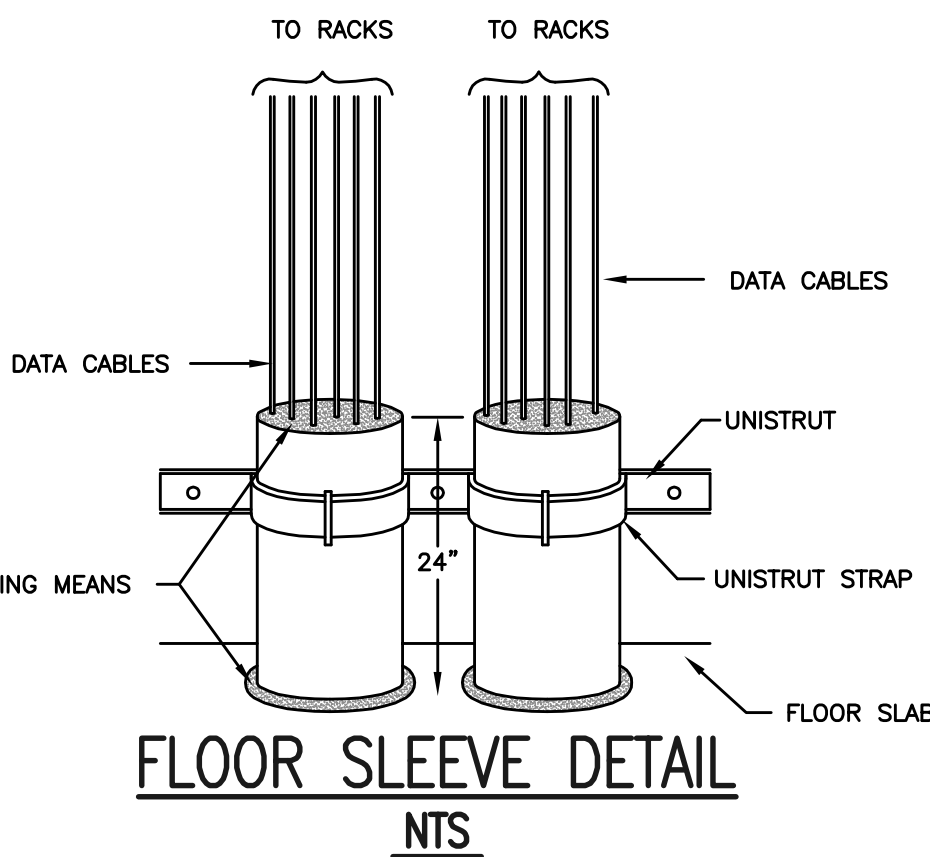
② FOURTH FLOOR POWER PLAN
1/4"=1'-0"

GENERAL NOTES (GN):

- GN1. FOR ALL EXISTING CIRCUITS FROM DEMOLITION PROVIDE ALL REQUIRED HANGERS, FASTENERS, AND FITTINGS AS REQUIRED TO PROPERLY SUPPORT ALL EXISTING ELECTRICAL CIRCUITS IN SPACE.
GN2. INSTALL BLANK COVERS MISSING ON ALL EXISTING JUNCTION BOXES.

POWER NOTES (PN):

- PN1. DEDICATED LAB UPS RECEPTACLE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ANY ROUGH-INS.
PN2. PROVIDE A NEW TYPED CIRCUIT DIRECTORY FOR ALL EXISTING CIRCUIT BREAKERS IN EXISTING PANELBOARD 1142.
PN3. CONTROL POWER - BOX FOR MECHANICAL UNIT LOCATED ABOVE CEILING. CONNECT TO EXISTING 100A SPARE BREAKER IN EXISTING ATTIC PANEL 4RP1. SEE POWER RISER DIAGRAM THIS SHEET. COORDINATE.
PN5. COORDINATE MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ANY ROUGH-INS.
PN6. INSTALL A NEW RECEPTACLE IN EXISTING BACKBOX AND RECONNECT TO EXISTING RECEPTACLE CIRCUIT. INSTALL A STAINLESS STEEL RECEPTACLE COVER PLATE OVER EXISTING RECEPTACLE BACKBOX.
PN7. CIRCUIT FOR HVAC EQUIPMENT LOCATED IN ATTIC. SEE SHEET E3.5.
PN8. RAISED RECEPTACLE FOR WALL MOUNTED DATA RACKS. COORDINATE WALL MOUNTED DATA RACK EXACT LOCATION PRIOR TO ANY RECEPTACLE ROUGH-IN. 4" CONDUIT SLEEVES THROUGH FLOOR. STUB 4" ABOVE FINISHED FLOOR WITH A BUSHING. SEE FLOOR SLEEVE DETAIL THIS SHEET. COORDINATE EXACT FLOOR PENETRATION LOCATION IN 4TH FLOOR I.T. ROOM WITH OWNER. SEE FLOOR SLEEVE DETAIL THIS SHEET.
PN10. FIRE ALARM CONTROL PANEL FOR ALL FIRE ALARM DEVICES LOCATED IN BASEMENT. SEE SHEET E3.1
PN11. JUNCTION BOXES FOR FUTURE POWER AND DATA DROPS.
PN12. COORDINATE EXACT DATA OUTLET MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO ANY ROUGH-INS.



① PARTIAL THIRD FLOOR POWER PLAN
1/4"=1'-0"

POWER NOTES (PN):

- PN1. 4" CONDUIT SLEEVES PENETRATIONS FROM 4TH FLOOR I.T. ROOM.
PN2. 1-1/4" PLUNEM-RATED INNERDUCT. ROUTE INNERDUCT FROM 4TH FLOOR I.T. ROOM TO 3RD FLOOR I.T. ROOM. COORDINATE.

TYPE		BUS AMPS		MAIN		VOLTAGE		SOURCE		PANEL NAME		RMS SYM AMPS		SYSTEM	
4RP2		100		120		208V/3ø/4W/SN		PANEL 4RP1		4RP2		42K AIC		NORMAL	
LOAD NAME		BUS AMPS		PANEL 4RP1		BUS AMPS		PANEL 4RP2		LOAD NAME		BUS AMPS		PANEL 4RP2	
LIGHTING		20		1		1		1		LIGHTING		20		1	
SPARE		7		2		2		2		GEV-3, GEV-4, MAV-1		12		2	
GEV-2, T-2		9		3		3		3		GEV-9, T-3		12		3	
GEV-10, MAV-5, MAV-7		11		4		4		4		HWP-1, 2		12		4	
DEDICATED DATA RECEPT.		13		5		5		5		DEDICATED UPS RECEPT		12		5	
RECEPTACLES		15		6		6		6		DEDICATED UPS RECEPT		12		6	
MAV-2, GEV-6, T-1		17		7		7		7		RECEPTACLES		12		7	
DEDICATED UPS RECEPT		21		8		8		8		DATA/POWER WIREMOLD		12		8	
RECEPTACLES		23		9		9		9		RECEPTACLES		12		9	
GEV-1, HEV-1		25		10		10		10		DATA/POWER WIREMOLD		12		10	
RECEPTACLES		27		11		11		11		RECEPTACLES		12		11	
HVAC CONTROLS		29		12		12		12		MAV-4, MAV-5, HEV-2		12		12	
HVAC CONTROLS		31		13		13		13		HEV-3, GEV-5, MAV-6, T-4		12		13	
SPACE		33		14		14		14		HEV-4, GEV-7, GEV-8		12		14	
		35		15		15		15		SPACE		12		15	
		37		16		16		16				12		16	
		39		17		17		17				12		17	
		41		18		18		18				12		18	

PANEL 4RP1
• NORMAL - 120/208 VOLTS •
SOURCE: PANEL 4RP2

EXISTING
PANEL
4RP1
120/208V
(NORMAL)

ATTIC FLOOR

4TH FLOOR

POWER RISER DIAGRAM
NTS