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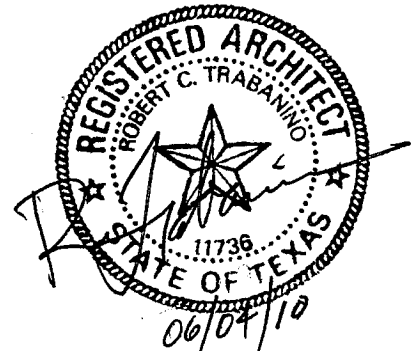
ADDENDUM NO. 03
04 June 2010

Project: **ALLIED HEALTH ADDITION @ CENTRAL CAMPUS**
San Jacinto College District

Issued by: **Bay Architects, Inc.**
18201 Gulf Freeway
Webster, TX 77598
281-286-6605

Bay Project No.: **0822**

Prepared for: **Prospective Proposers**



PART A: NOTICE TO PROPOSERS:

1. Receipt of this Addendum shall be acknowledged on the Proposal Form. Failure to do so may subject Proposers to disqualification. Each proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarification, and supplemental data included therein.
2. This Addendum forms part of the Contract Documents and shall be incorporated integrally therewith. Where provisions of the following supplemental data differ from those of previously issued documents, this Addendum shall govern.
3. The following Contract Documents have been issued to date delineating the Work (Project).

Contract Documents	18 May 2009
Addendum 01	1 June 2009
Addendum 02	4 June 2009

4. This Addendum consists of: six (6) written pages 8-1/2x11; Eleven (11) pages, Section 272752 Three (3) pages sketches **ADD-03-SKM1, ADD-03-SKM2, ADD-03-SKMEP1, ADD-03-SKE1 through ADD-03-SKE9**; as prepared by JSE Consulting Engineers. Total pages included in this Addendum: 26 pages

PART B: CHANGES TO PRIOR ADDENDUM

"Any changes to prior issued addendum materials are listed here."

5. None

PART C: CHANGES TO THE PROJECT MANUAL

6. Section 23 05 53 – Identification For HVAC Piping and Equipment
Article 2.1B – Add FCU's to list to have 3" high letters.
Article 2.1C – Revise CVT's to VAV's.
7. Section 23 09 93 – Sequence of Operations for HVAC Controls
Article 2.7 – Delete local control dampers.
Article 2.9 – Verify with the Owner on the desired location of the emergency shutdown switch. Switch shall be installed in a vandal-proof clear covering and labeled "EMERGENCY SHUTDOWN" in ½" high letters.
Article 2.13 – Point Configuration: Add CO2 level reading and VFD control for each FCU.
8. Section 23 41 00 – Air Handling Unit Filters
Article 2.1B – Revise MERV 8 filters to MERV 13 for all handling units.
9. Section 23 73 13 – Indoor Air Handling Units
Article 2.1E – Revise access door requirement to one side only.
10. Section 23 89 19 – Fan Coil Units
Article 2.1A – Revise insulation to 3/4" thick closed cell.
Article 2.1B – Delete this sentence.
Article 2.1C – Revise filter and rack to 2" thick MERV 13.
Article 2.1E – Delete reference to 3-way pneumatic valve.
11. Section 26 09 23 – Lighting Control Devices
Article 2.1 – Add Paragraph G - Provide photo cell and dimmer switches with 3-way controls per Detail Drawings as shown on Lighting Floor Plans.
12. Section 26 09 26 – Lighting Control Panel Boards
Article 2.1, Paragraph A – There is no Gym and Cafeteria. Electrical contractor shall provide lighting control panel boards for corridors and exterior lights as shown on lighting floor plans.
13. Section 26 27 26 – Electrical Wiring Devices
Article 2.1, Paragraph J – In addition to floor power outlets, electrical contractor shall provide floor data outlets with matching brass data device plate for data jacks.
14. Section 27 27 52 – Nurse Call System
Add attached Specification Section 27 27 52 – Nurse Call System to scope of work.

PART D: CHANGES TO THE DRAWINGS

15. Sheet MEP1.0

- a. The eight (8) existing light pole shown to remain on the north side of the addition is not correct. There are only four (4) existing poles on that side now. The other four shall be new type "Q" fixtures. For four (4) existing light poles, Contractor shall remove poles & fixtures and save for reinstallation. Contractor shall also remove existing light pole concrete bases and reinstalled (4) light poles on new concrete bases and located to the furthest east along that line of poles. Provide new circuits and relays. See attached Sheet ADD-03-SKMEP1.
- b. See Drawing C2.08 for sprinkler vault located northeast of detention pond, west of Luetta Blvd. Contractor shall provide 1" C and fire alarm cable form building fire alarm system to fire sprinkler vault.
- c. Add General Note: "Fire alarm cables in ceiling & wall of new and exist building shall be installed in conduit."
- d. Add General Note: "Electrical Contractor shall provide all junction boxes, conduits for all data drops, telephone drops, audio/video outlets, card readers, security cameras, etc. as shown on Technology/IT Consultant's Drawings."

16. Sheet M1.01 – Mechanical First Floor Plan – Areas E & F

- a. RR VESTIBULE F108: Provide a 18X18 R/A opening in wall above ceiling above doorway into Men F109.
- b. Storage E128: Revise 12X12 R/A opening with FD to 24X24 with FD.

17. Sheet M1.02 – Mechanical Second Floor Plan – Areas G & H

- a. OFFICE G206: Room has pre-manufactured interior walls. Relocate temperature sensor 2V11 on top of R/A grille.
- b. OFFICE G217: Room has pre-manufactured interior walls. Relocate temperature sensor 2V13 on top of R/A grille.
- c. CONF./WORKROOM G218: Room has pre-manufactured inter walls. Relocate temperature sensor 2V10 on top of R/A grille in ADMIN. G205.
- d. DENTAL ASSISTING LAB H212: Revise fan EF-6A ductwork per the attached drawing ADD-03-SKM1.
- e. Corridor H200: Revise relief vent RV to RV-1.

18. Sheet M1.03 – Mechanical Detail Plans – Areas E & F

- a. ELEV. EQUIP F107: Provide a 12X12 R/A opening with fire damper above ceiling in wall common with Men F109. Also, provide a 12X12 opening in the east wall.

19. Sheet M1.05 – Mechanical Perspective Views

- a. Note: Rectangular supply air discharge ducts shown shall be flat-oval type as indicated on the floor plans.

20. Sheet M3.00 – Mechanical Schedules

- a. Air Device Schedule: Add Type "F" device; plenum slot diffuser, 48" long, 1" wide, 4-slots, with insulated plenum, Titus Model TBD1-30.
- b. Fan Coil Unit Schedule: Revise the external static pressure shown on the schedule to TOTAL STATIC PRESSURE and change the value as follow: FCU-E = 1.25"; FCU-F = 1.685"; FCU-G = 1.25"; FCU-H = 1.725" Revise FCU-E & G motor horsepower to 3/4 HP with 460V/3P.
- c. Air Handling Unit Schedule: Revise all external pressure from 3.0" to 2.5". Revise AHU-G airflow to 7,500 CFM and EAT to 78.5°F. Revise filters from MERV 8 to MERV 13.

- d. Pump Schedule: Revise pump type to “vertical inline”.
- e. MOTOR STARTER REQUIREMENTS: Revise all FCU’s to have VFD’s.
- f. Revise EXHAUST FAN AND VENT SCHEDULE per the attached drawing ADD-03-SKM2.

21. Sheet M5.00 – Mechanical Schematics and Details

- a. Drawing 4 – VAV System Controls Schematic: All FCU shall be controlled by VFD through the CO2 sensor and the motorized dampers are for on/off position only.

22. Sheet E1.01 – Lighting First Floor Plan – Areas E & F

- a. Exam E138 & Exam E134 – Revise light fixture from Type A to Type AD.
- b. Storage E128, Copy RM. E122, Break RM E121 & Workroom E118: See attached Drawing ADD-03-SKE01 for changes.
- c. Waiting RM. E104, Exam E106, Custodial E115 and feature wall: See attached Drawing ADD-03-SKE02 for changes.
- d. Lobby B132 & Conference Room B134 – See attached Drawing ADD-03-SKE03 for changes.
- e. Vestibule E100 and Lobby F102: Add low voltage override light switches with weatherproof cover located on right wall of the entrance. Also, provide home run low voltage cables from each switch to both Relay Panels RN & RO. Contractor shall program the low voltage override light switch to override the interior corridor lights for maximum 2 hours only. Total Two (2) override switches at two entrances.
- f. Lobby F102: Connect type D downlights to Corridor F100 lighting circuit RN-3(HN-17).
- g. Stairs F103 – Revise light fixture from Type A2X to Type AX. Also, move (2) type U/UX light fixtures from south wall to second floor lighting plan.
- h. Mech. F105 Storage room – Add light fixture Type M1X to north wall and wire to Circuit LQ-40. Also, wire (3) type P/PX wall packs on south exterior wall to circuit RN-7 (HN-41).
- i. Relay Panel RN: On circuit RN-23: Connect 277V light pole circuit HN-23.
- j. Relay Panel RN: On circuits RN-23 & 24: Connect 120V feature wall lighting circuits HN-45 & 47.

23. Sheet E1.02 – Electrical Power Plan – 1st Floor Areas E & F

- a. Title – Revise 3rd line of title block for this sheet to read “AREAS E & F”.
- b. Delete Motorized Projection screens, switches and circuits as follows:
 - 1) Contact Lens Lab E138 – Circuit not shown on drawing
 - 2) Large Tiered Classroom E102 – Circuit LQ-26
 - 3) Computer Classroom / Testing Suite F101(three screens) - Circuits LQ-31, LQ-33, and LQ-35.
 - 4) Medium Tiered Classroom F104- Circuit LQ-7
- c. Deans Lobby B132 & Conference Room B134:
 - 1) See revisions to floor plan, devices and circuits on attached **DRAWING ADD-03-SKE5**. Included in these changes are relocation of coffee bar area, deletion of all sawcuts for conduit, addition of a receptacle and circuit 1LB1-33for under-counter refrigerator, and addition of fire alarm devices.
 - 2) All circuits in this area are revised to be on Section 2 of existing panel 1LB.

- d. Vestibule E100: Delete one receptacle located below FA remote annunciator. Delete two telephone lines, which are to be provided on IT consultant drawings.
- e. Lobby E101:
 - 1) Revise Fire Door at lower portion of Lobby connecting to existing building to rollup type door. Install switches on either side of door on right hand side.
 - 2) Add duct smoke detector to CVT 1V11 near right door to Classroom E102.
 - 3) Add irrigation controller shown on planter box with note "Irrigation Controller, Field verify location". Place on circuit LN-5, which shall have 20A/1P circuit breaker. Break circuit line between conduit from Lobby E101 ending at wall common with E114.
 - 4) Add circuit line connecting receptacles in custodial E115 with receptacles on right wall of Lobby E101 on circuit LQ-2.
 - 5) Remove receptacle near upper right planter that is not connected to a circuit.
- f. Large Tiered Classroom E102:
 - 1) Replace one ceiling mounted visual fire alarm device in lower left quadrant of room with ceiling fire alarm horn and strobe device.
 - 2) Revise circuit LQ-29 in lower left corner of room to LQ-41.
- g. Lab Storage E113:
 - 1) Add receptacle on upper right wall backing up to lobby to serve lockable undercounter refrigerator on dedicated circuit LN-49
 - 2)
 - 3) . Add note to read "Receptacle for undercounter refrigerator. See attached **DRAWING ADD-03-SKE6. I**
 - 4) Relocate ceiling fire alarm devices to be roughly centered in room.
- h. Exam Room E114: Eliminate ceiling-mount smoke detector.
- i. Mechanical Room E116:
 - 1) Revise receptacle on lower left wall at LN-1 home run to GFI receptacle.
 - 2) Revise starter on lower right wall on circuit HN-26 to VFD type.
 - 3) Add the following General Notes, which shall apply to ALL Mechanical Rooms:
- j. Dispensing Lab E117:
 - 1) On upper right wall, delete receptacle lowest on wall with home run tag to circuit LN-25. Revise remaining three receptacles on that wall from duplex to quad devices. Connect two lowest back to circuit LN-25. Leave uppermost receptacle connected to receptacle on upper wall on LN-23. See attached **DRAWING ADD-03-SKE6. I**
- k. Work Area E118:
 - 1) Revise ceiling heat detector near door to Waiting Room E104 to a ceiling smoke detector.
- l. Admin/Reception E119:
 - 1) Add Fire Alarm Pull station on wall adjacent to Remote Annunciator.
 - 2) Relocate receptacle on upper left wall under FA remote annunciator down wall to be out from under desk.

- 3) On front wall facing waiting room, add both a quad computer receptacle and a duplex receptacle in the knee space closest to doorway. Place the quad computer receptacle on new circuit CPN-14. Connect regular receptacle to circuit LN-29 with other receptacles in that room. Add note "Install receptacles in knee space".
- m. Copy Room E122: Break circuit connecting 20A receptacle adjacent to 14-30 receptacle to three other receptacles on circuit LN-2. Place this receptacle on dedicated circuit LN-34 for copy machine. See attached **DRAWING ADD-03-SKE6**.
 - n. Data E127 (See Enlarged Drawing):
 - 1) Revise one L6-30 receptacle circuit from CPN-21 to CPN-37.
 - 2) Revise the other L6-30 receptacle from circuit CPN-21 to CPN-37.
 - 3) Provide nurse call system headend equipment on same wall as doorway near common wall with breakroom. Connect to new 120V circuit LN-38.
 - 4) Provide disconnect switch and circuit HN-74 for MM-A.
 - 5) Add note to read, "Provide bonding and grounding for telecom equipment. See IT consultant drawings." For all above items for this room, see attached **DRAWINGS ADD-03-07 and ADD-03-SKE8**.
 - o. Diagnostics Lab E129: Connect receptacle on upper left wall just above room name tag to circuit LN-26. See attached **DRAWING ADD-03-SKE7**.
 - p. Exam Rooms E130, E131, E132, E133, E134, E135, E136, and E137:
 - 1) Relocate receptacle at sink in each exam room to location on same wall slightly away from sink. All should be GFI type mounted at standard height. See attached **DRAWING ADD-03-SKE7**.
 - q. Contact Lens Lab E138:
 - 1) Break circuit connecting 20A receptacles on upper wall with exterior receptacle in Entry Court E999. Receptacles on upper wall and upper left corner walls are placed on new circuit LN-40. Remaining receptacles are left on LN-32. See attached **DRAWING ADD-03-SKE7**.
 - r. Computer Classroom / Testing Suite F101:
 - 1) Relocate receptacle and three conduit endpoints on upper part of right-hand wall and mount on column just below on same wall.
 - 2) Add duct smoke detector to CVT 1V16 near and inside right-most door to this room.
 - s. Lobby F102:
 - 1) Revise circuit CPQ-40 to CPQ-39.
 - 2) Revise circuit CPQ-42 to CPQ-37.
 - t. Medium Tiered Classroom F104:
 - 1) Replace one ceiling mounted visual fire alarm device in upper left quadrant of room with ceiling fire alarm horn and strobe device.
 - 2) Move two Mechoshade motors in to each end of large window on lower wall. Coordinate final location with provider of Mechoshades.
 - u. Mechanical Room F105:
 - 1) Add duct smoke detector to FCU-F.

- 2) Relocate starter and disconnect switch for FCU-F on circuit HN-38 to opposite wall between Panel LQ and starter for AHU-F. Also, revise starter for FCU-F to VFD type.
 - 3) Add Fire Sprinkler Riser in upper right corner of room near door and add the following note, "Interlock Fire Sprinkler Riser with Fire Alarm System".
- v. Elevator F106 & Elev. Equip F107: New devices and circuits have been added to both rooms. Add Detail 3 on Sheet E1.02 titled, "Enlarged Elev. F107 & F108 Elec. Floor Plan". See attached **Drawing ADD-03-SKE8**.

24. Sheet E1.03 – Lighting Second Floor Plan – Areas G & H

- a. Adult Sim G227, G228, G229, G230, G231, G232 – Revise patient light fixture from Type DD to Type EE. Also, wire patient light fixtures to Panel LO on Circuit 21. See attached Drawing ADD-03-SKE4.
- b. Debriefing Room G237 – Relocate motion sensor located @ entrance to northeast corner of room near windows.
- c. Corridor G239 – Add one Type AX light fixture and wire to corridor lighting circuit RO-3 (HO-11).
- d. Mech G238 – Relocate light switch to door.
- e. RR G236 – Revised light fixture from Type S to Type SX. Add motion sensor the south corner of room.
- f. Ext. Balcony G999 – Revise three down lights located southwest of stairs and north of Corridor G224 from Type D/DX to Type CC/CCX.
- g. Nursing Station G225 – Remove Light fixture Type B above Receptionist from Circuit HO-7 and wire to Circuit HO-5.
- h. Classroom G241 – No spacing is required between the (4) southern most Type ED light fixtures and the (2) northern most Type ED light fixtures.
- i. Admin G205 & Admin G212 – Remove Type AX light fixture from Circuit HO-15 and wire to Circuit RO-7 (HO-13).
- j. Bridge G201 – Add Type BB light fixture to east side of Bridge.
- k. Men H205 & Women H206 – Revise light fixture Type S to Type SX. Add motion sensor in southwest corner of H205. Add motion sensor in southeast corner of H206.
- l. Existing Building Areas: In the corridor where the new lockers will be installed, the south wall has an existing light switch. Relocate and reconnect existing 3-way light switch to right column located adjacent to new lockers.
- m. Stairs H211 – Revise the (2) northernmost light fixtures from Type A2/A2X to Type A/AX. Remove the (2) southernmost light fixtures Type A2/A2X and add (2) wall mounted Type U/UX light fixtures to south wall.

25. Sheet E1.04 – Electrical Power Plan – 2nd Floor Areas G & H

- a. Delete Motorized Projection screens, switches and circuits as follows:
 - 1) Dental Assisting Lab H212 – Circuit LP-21
 - 2) Classroom H209 – Circuit LP-33 Classroom H209 – Circuit LP-33
 - 3) Classroom H208 – Circuit LP-35
 - 4) Classroom G241 – Circuit LO-23
 - 5) Sonography Lab G240 – Circuit LO-21
 - 6) Debriefing Room G237 – Circuit LO-66
- b. General Note Regarding Demountable Partitions in Office /Admin Area – Add note reading "Electrical Contractor to provide and install wiring to J-

boxes mounted above ceiling. After demountable partitions are installed, electrical contractor shall connect receptacles provided with walls to J-boxes, typical of all.”

- c. Receptacles for Ceiling Mounted Projectors in Room H208, H209, H212, G237, G240, and G241 – Coordinate final locations with Architectural Reflected Ceiling Plan Drawings and IT Consultant Drawings.
- d. Bridge G201: Add one ceiling mounted smoke detector approximately centered on bridge.
- e. Balcony G203:
 - 1) Add four ceiling mounted smoke detectors in high ceiling “atrium” area.
 - 2) Revise Fire Door at lower portion of Balcony connecting to existing building to rollup type door. Install switches on either side of door on right hand side.
- f. Office G209: Add ceiling-mounted visual fire alarm device.
- g. Office G213: Add ceiling-mounted visual fire alarm device.
- h. Corridor G220 – Add ceiling mounted speaker adjacent to Ceiling FA horn and strobe.
- i. Lab Coordinator G221:
 - 1) Relocate receptacle on upper right wall shared with Balcony G203 to upper left wall close to doorway.
 - 2) Add ceiling mounted speaker with volume control.
- j. Control Room G222:
 - 1) Add one duplex receptacle mounted at +42” AFF at center of lower left wall (backing up to Director Office G223) and connect to circuit LO-27. Add a second duplex receptacle mounted at +42” AFF at center of lower right wall (backing up to Sonography Lab G240) and connect to circuit LO-27. Add a third duplex receptacle mounted at +42” AFF at center of upper right wall (backing up to Lab Coordination G221) and connect to circuit LO-27. Coordinate final locations with Architectural Drawings.
- k. Director G223: Add ceiling mounted speaker with volume control.
- l. Corridor G224: Add ceiling mounted smoke detector adjacent to ceiling mounted FA horn and strobe outside doorway to Mech G238.
- m. Sim Lab Circulation G226:
 - 1) Remove “c” designation from receptacle on circuit LO-48 located adjacent to sink on common wall with RR G235.
 - 2) Add two ceiling mounted speakers adjacent to ceiling mounted FA horn and strobes.
- n. Ob Sim G227 :
 - 1) Change circuit LO-483 to Circuit LO-82.
 - 2) On upper left wall revise receptacle nearest doorway to a quad computer receptacle. Disconnect circuits shown and connect to two ceiling mounted CP receptacles for cameras and place all three on new circuit CPO-14. See attached **DRAWING ADD-03-SKE9**.

- o. Simulation Lab Rooms G227, G228, G229, G230, G231 and G232:
 - 1) Relocate "normal" nurse call button to adjacent to bed, typical.
 - 2) Add a second emergency nurse call button at the same location, typical.
 - 3) At exterior of doorway to each room, add an indicator light above door for nurse call system.
 - 4) At each headwall unit in each sim lab room, show additional two junction boxes on drawing. Previously shown by note, each room requires four total J-boxes to connect normal and emergency receptacles built into headwall and bed locator units.
 - 5) Add two ceiling mounted duplex computer receptacles for ceiling mounted cameras. Coordinate location with IT consultant drawings. For all above changes in these rooms see attached **DRAWING ADD-03-SKE9**.

- p. Utility G233:
 - 1) Add ceiling mounted speaker.
 - 2) Revise mounting heights for receptacles on circuits LO-54 and LO-56 to +38". See attached **DRAWING ADD-03-SKE9**.
 - 3) Revise receptacle on upper right wall to GFI type.

- q. Supply Room G234: Add ceiling mounted speaker.

- r. Lab G236:
 - 1) Add ceiling mounted speaker with volume control.
 - 2) Add nurse call button. Add a second emergency nurse call button at the same location, typical. See attached **DRAWING ADD-03-SKE9**.

- s. Mech. G238:
 - 1) Relocate starter and disconnect switch for Air Compressor to upper right wall adjacent to column in corner.
 - 2) Relocate starter and disconnect switch for Vacuum on circuit HO-36 to upper left wall near to window. Also move receptacle further up same wall.

- t. Mechanical Room G244:
 - 1) Relocate HVAC controls on circuit LO-3 closer to doorway.
 - 2) Relocate starters for FCU-G on circuit LO-5 and AHU-G on circuit HO-2 to opposite wall between HVAC controls and Panel RO.
 - 3) Relocate GFI receptacle on lower portion of lower left wall to close to lower corner of AHU-G on same wall.

- u. Break Room H203:
 - 1) Add ceiling-mounted visual fire alarm device.

- v. Dental Assist Lab H212:
 - 1) Revise five computer receptacles at teacher station in lower right corner of room from quad to duplex devices.
 - 2) Relocate slightly receptacles on circuits CPP-20 and CPP-22. Coordinate final locations with Architectural Drawing A8.02/9 and IT Consultant Drawings.
 - 3) Revise receptacles on upper wall on circuits LP-23 and LP-25 from duplex to quad devices. Coordinate final location with Architectural drawings.

- 4) Revise Note referencing Exhaust Fan 6A to indicate to be mounted in ceiling. Confirm final location with owner.
- w. Workroom H213 – Add one duplex GFI receptacle mounted at +42” Aff on lower portion of left wall and connect to similar receptacle on upper portion of same wall. Coordinate final locations with Architectural and IT Consultant Drawings.
- x. X-ray H214 – Revise two receptacles at workstation in upper right portion of room to be mounted at +42” AFF.
- y. Panoramic X-ray H215 – Revise two receptacles at workstation in upper right portion of room to be mounted at +42” AFF.
- z. Secure Storage H216 – Add ceiling mounted smoke detector. Also add additional J-box on left wall connected to J box outside doorway for remote shutoff of equipment.
- aa. Mechanical Room H217:
 - 1) Add duct smoke detector to FCU-H.
 - 2) Relocate starters and disconnect switches for FCU-H on circuit HO-14 and AHU-H on circuit HO-8 to opposite wall between Panel LP and AHU-H.
 - 3) Relocate HVAC controls on circuit LP-3 to opposite site of Panel CPP nearer to doorway.
 - 4) Relocate GFI receptacle on right wall next to AHU-H to opposite wall, keeping on same circuit.
 - 5) Add ceiling smoke detector and wall mounted visual fire alarm device near doorway.
- bb. Men’s H220 – Add ceiling mounted smoke detector.

26. Sheet E2.00 Electrical Schematic:

- a. Drawing 1, Electrical Wiring Schematic: Revise feeder between XFMR XCN and Distribution Panel DCPN from ‘3-3/0 + 2-3/0N, +2G, 2.5”C’ to ‘2-2.5”C each with 3-3/0 + 2-3/0N, +2G”.

27. Sheet E2.01 Electrical Schedules:

- b. Panel LN:
 - 1) Revise Circuit LN-5 to be 20A/1P GFI type circuit breaker.
 - 2) Revise Ciircuit LN-38 to serve nurse call system
 - 3) Revise circuit LN-34 from spare to serve 1 receptacle for copier
 - 4) Revise circuit LN-40 from spare to serve 4 receptacles in Room E138.
 - 5) Add 20A/1P CB for circuit LN-49 to serve undercounter refrigerator in room E113.
 - 6) On circuit LN-45 & 47: add 3-12 to serve feature wall track lights.
 - 7) Add 20A/1P CB for circuit LN-49 to serve undercounter refrigerator in Room E113
- c. Panel LO:
 - 1) Revise circuit LO-21 to serve patient wall lights.
 - 2) Circuits LO-23 and LO-66 are revised to spare
- d. Panel LP:
 - 1) Circuits LP-21, 33, and 35 are revised to spare
- e. Panel LQ:
 - 1) On circuits LQ-40 & 42, add 3-12 to serve Elevator lights and

- receptacles.
- 2) Revise circuit LQ-23 from spare to serve 7 VAV's.
- 3) Revise circuit LQ-25 from spare to serve elevator controls.
- 4) Revise circuit LQ-23 from spare to serve High water alarm .
- 5) Revise circuit LQ-23 from spare to serve suction pumpSP-1.
- 6) Revise circuits LQ-7, 28, 31, 33, and 35 to spare.
- f. Panel HN:
 - 1) On circuit HN-23, add 3-8 to serve light poles.
 - 2) On circuits HN-25, 27, 29, 31, 33, 35, 37 & 39: Revise wire size from 3-10 to 3-8.

28. Sheet E3.00 Light Fixture Schedule:

- a. Type RR: Change finish to brushed aluminum with clear power coat.
- b. Change Hill-ROM MODEL P005196A48-120V linear fluorescent light fixture from Type DD/DDX to type EE/EEEX. Light fixtures are serving the patient rooms.
- c. Add type FF Wall Spot Light Fixtures to serve the feature wall: Provide Wall mounted spot lights mounted on Monopoints, white finish, 90 Watts PAR38 lamp, wide beam pattern, 120V. Lytespan Alcyon 22SS8WH with 6190WH Monopoint.

29. Sheet P1.01 – Plumbing Floor Plan, Area E & F

- a. Add wall hydrant WH-2 in exterior wall at column line GG. Extend ¾" CW from 1.25" CW in corridor. Install shut off valve in new ¾" CW line above corridor ceiling.
- b. Add wall hydrant WH-2 in exterior wall between column lines CC and DD and adjacent to 8" storm drain leader. Extend ¾" CW from 1" CW in corridor. Install shut off valve in new ¾" CW line above corridor ceiling.
- c. Add wall hydrant WH-2 in exterior wall at column line C. Extend ¾" CW from 1.25" CW in corridor. Install shut off valve in new ¾" CW line above corridor ceiling.
- d. Add wall hydrant WH-2 in exterior mechanical room wall at column line J. Revise ¾" CW line from corridor to 1". Extend ¾" CW from 1" CW after ¾" tap for HB. Install shut off valve in new ¾" CW line adjacent to exterior wall.
- e.

30. Sheet P5.01 – Plumbing Riser Diagrams

- a. Riser P/4: 4" sanitary at riser P/4 shall be shown to flow in to the 4" sanitary line that terminated just upstream of the 2 EDF in plumbing riser P/3.
- b. Riser P/3: 6" sanitary at riser P/4 shall be shown to flow in to the 6" sanitary line that terminated just upstream of SK-3 in plumbing riser P/1.
- c. Pipe sizes are missing from 2 sinks (SK-3) in plumbing riser P/1. These sinks shall be piped with ½" CW/HW..

PART E: RE-ISSUED SHEETS

- 31. None

END OF ADDENDUM

SECTION 27 27 52 - NURSE CALL SYSTEM

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

The General Provisions of the Contract, including General, Supplementary and Special Conditions, apply to the work specified in this Section.

1.02 SCOPE

Furnish and install a multiplex/microprocessor based emergency call system as shown, scheduled and specified. Systems requiring "home run" wiring will not be acceptable.

1.03 QUALITY ASSURANCE

- A. Basis: The products specified shall be new and of the standard manufacture of a single manufacturer. As a reference of standard and quality, functionality and operation, the products listed in this specification and/or shown on the drawings are those of the TekTone Sound and Signal Manufacturing Co., and constitute the type and quality of manufacture and design desired.
- B. Codes and Standards:
 - 1. Underwriter's Laboratories UL-1069.
 - 2. NFPA Standards 70 and 99
 - 3. State Licensing Standards.
- C. Local Manufacturer's Representative/Installer: The Local Representative/Installer shall be an authorized representative of the Manufacturer and shall provide proof of such, in writing, from the Manufacturer to the Architect at time of submittal. The Local Representative shall be maintain a staff of factory-trained, certified technicians and shall be capable of proving emergency and warranty maintenance service with part support on a 24-hour, 365 day basis.

1.04 SCHEDULING

It is the responsibility of the Contractor to coordinate all work with the other trades for scheduling, rough-in, and finishing all work specified.

PART 2 - PRODUCTS

2.01 GENERAL

The system hardware shall consist of a Nurse/Patient Communications System. A Central Nurse Control Station shall receive Normal and Emergency Calls from the various patient rooms. An Call/Emergency indicator light shall be provided outside each patient room.

2.02 CALL CLASSIFICATIONS

- A. The Emergency Call Systems shall provide the following Priority and Life Threatening Emergency signaling capabilities:
 - 1. Bed Call
 - 2. Emergency Bed Call
- B. System operation shall be monitored automatically by Control Station and Central Logic circuitry so as to provide continuous supervision of each other, associated stations, and circuits between.

2.03 MAJOR COMPONENTS

- A. The installed system shall include at least the following in quantities as called for and/or shown on related drawings:
 - 1. Emergency Station Control Console – TekTone NC110A with IH300 Series Desk Cabinet
 - 2. Wiring Cabinet – TekTone IH151N
 - 3. Central Power Supply – TekTone IH151NK
 - 4. Annunciator Controller – TekTone PK151A
 - 5. Patient Call Station – TekTone SF101C
 - 6. Emergency Call Control Unit – TekTone SF155B
 - 7. Emergency Call Station – TekTone PK153
 - 8. Corridor Light – TekTone LI381
- B. The contractor shall also install all necessary materials, parts, wire, connections and hardware to form a complete and working system.

PART 3 - EXECUTION

3.01 SUBMITTALS

- A. Submittals shall include, but not be limited to, the following:
 - 1. Floor plan drawing locating and naming each device.
 - 2. A complete wiring diagram indicating all conduit, wire and box sizes clearly.
 - 3. Completely identified and marked catalog cuts of all associated equipment and devices, with all non-applicable items crossed out.
 - 4. A written description of the system operation.
 - 5. Provided Record Drawings of all installed network components and associated wiring on building plans.

6. Additional information as required in Section 26 00 00.

3.02 INSTALLATION

- A. All components of the Nurse Call System shall be install and wired in accordance with the manufacturer's requirements and installation drawings. All low-voltage wiring may be installed in the ceiling plenum without conduit, provided it is bundled and supported from the structure.
- B. Contractor shall terminate all wiring with manufacturer approved connectors. The use of wire nuts is prohibited.
- C. All wiring shall be free from shorts and faults. Wiring shall be UL listed, NEC and NFPA 70, Article 725 approved.

3.03 IN-SERVICE TRAINING

Contractor shall proved thorough training of all facility staff assigned to monitor and respond to the Emergency Call System.

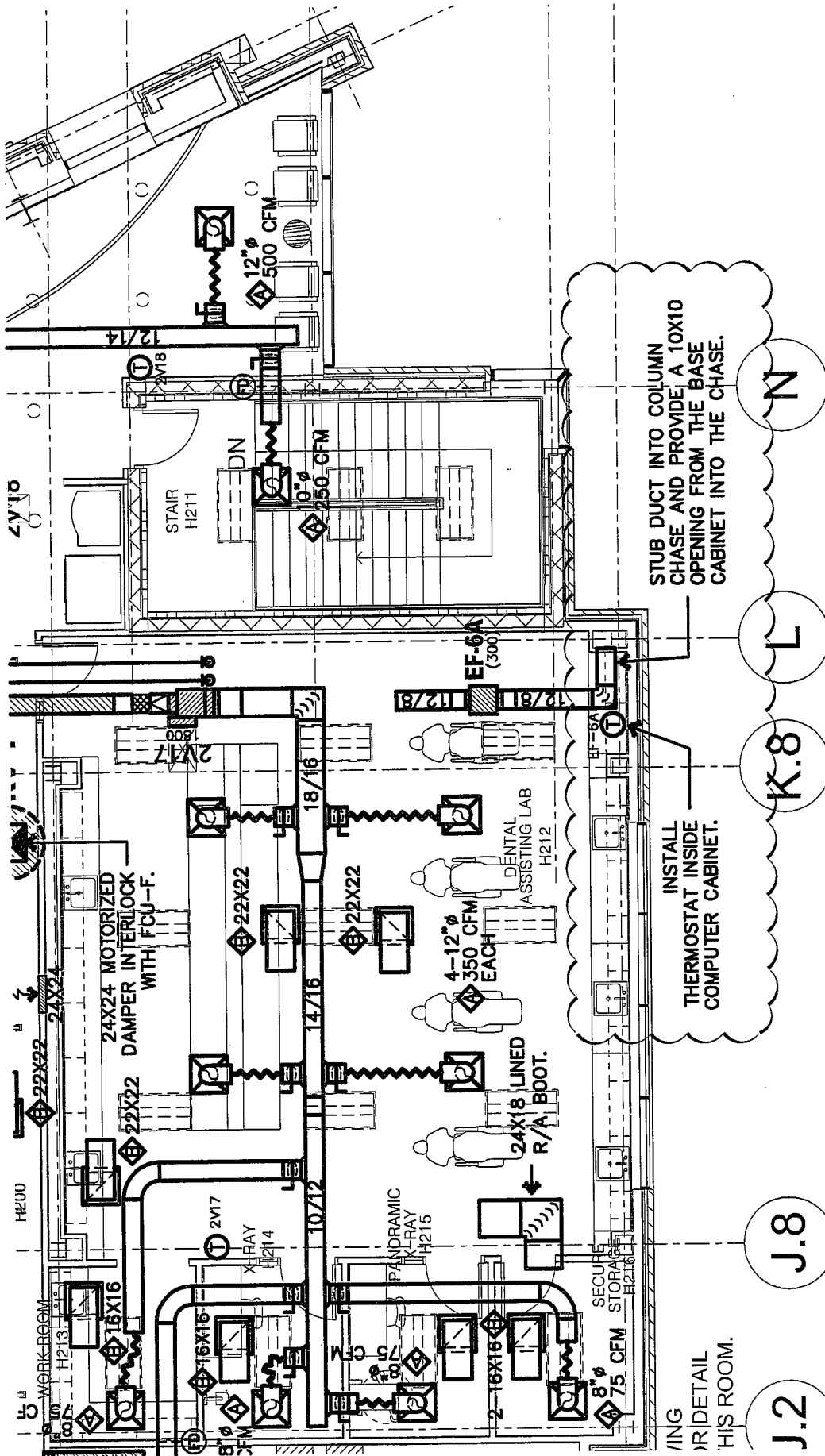
3.04 START-UP AND TESTING

System start-up and testing shall be conducted by a factory representative who shall fully test the system and certify it to be functioning as specified.

3.05 WARRANTY

- A. Each piece of Emergency Call equipment shall be warranted to be free of defects in material and workmanship for a period of two (2) years from the date of shipment from the manufacturer's facility.
- B. Installation of equipment shall be warranted by the installing contractor to be free of defects for a period of one (1) year from the date of acceptance by the Owner's designated representative.

END OF SECTION



STUB DUCT INTO COLUMN CHASE AND PROVIDE A 10X10 OPENING FROM THE BASE CABINET INTO THE CHASE.

INSTALL THERMOSTAT INSIDE COMPUTER CABINET.

J.2

J.8

K.8

L

J.8

N

REVISED DENTAL ASSISTING LAB MECHANICAL PLAN



BAY ARCHITECTS
 18201 GULF FREEWAY
 P.O. BOX 891299
 HOUSTON, TEXAS 77289
 281.286.6605

ALLIED HEALTH ADDITION
 SAN JACINTO COLLEGE

ADD-3-SKM1
 0822
 1/8" = 1'-0"
 06/02/2010
 M1.02

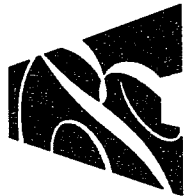
EXHAUST FAN AND VENT SCHEDULE

MARK	EF-1A	EF-2A	EF-3A	EF-4A	EF-5A	EF-6A	RV-1	RV-2
SERVES	F TOILETS	H TOILETS	TOILETS	CUST.	RR	COMP. CAB.	BLDG. PRESS.	MM-A
TYPE	ROOF-CPV	ROOF-CPV	ROOF-CPV	ROOF-CPV	ROOF-CPV	INLINE	ROOF-RELIEF	RELIEF VENT
DRIVE	BELT	BELT	BELT	BELT	BELT	DIRECT	-	-
CFM	1,200 CFM	1,200 CFM	200 CFM	200 CFM	100 CFM	300 CFM	2,500 CFM	1,500
STATIC PRESS	0.625"	0.50"	0.50"	0.50"	0.50"	0.25"	0.10"	0.128"
SIZE	12	12	7	7	7	9	24	16
DESIGN H.P.	1/3 HP	1/4 HP	1/6 HP	1/6 HP	1/6 HP	1/6 HP	-	-
VOLTAGE	120V	120V	120V	120V	120V	120V	-	-
STATIC EFF.	53%	48%	14%	14%	12%	40%	-	-
MANUFACTURER	LOREN COOK	LOREN COOK	LOREN COOK	LOREN COOK	LOREN COOK	LOREN COOK	LOREN COOK	LOREN COOK
MODEL	120 ACEB	120 ACEB	70 ACEB	70 ACEB	70 ACEB	90SQ10D	PR-24	PR-16
MAXIMUM SONES	10.4	10.1	9.0	9.0	7.2	3.4	-	-
NOTES	1,2,3,4,5	1,2,3,4,5	1,2,3,4,5	1,2,3,4,5	1,2,3,4,5	1,2,5	3,4	1,2,3

NOTES:

1. STATIC PRESSURE SHOWN IS EXTERNAL TO UNIT. MANUFACTURER SHALL ADD DAMPER AND ACCESSORY LOSSES TO THIS VALUE BEFORE SELECTING FAN.
2. FAN SHALL BE CAPABLE OF 120% OF THE SCHEDULED CFM CAPACITY AND SHALL HAVE ADJUSTABLE V-BELT SHEAVES. REFER TO WRITTEN SPECS FOR ADDITIONAL REQUIREMENTS.
3. INSULATED ROOF CURB & BIRDSCREEN
4. BACKDRAFT DAMPER
5. DISCONNECT SWITCH

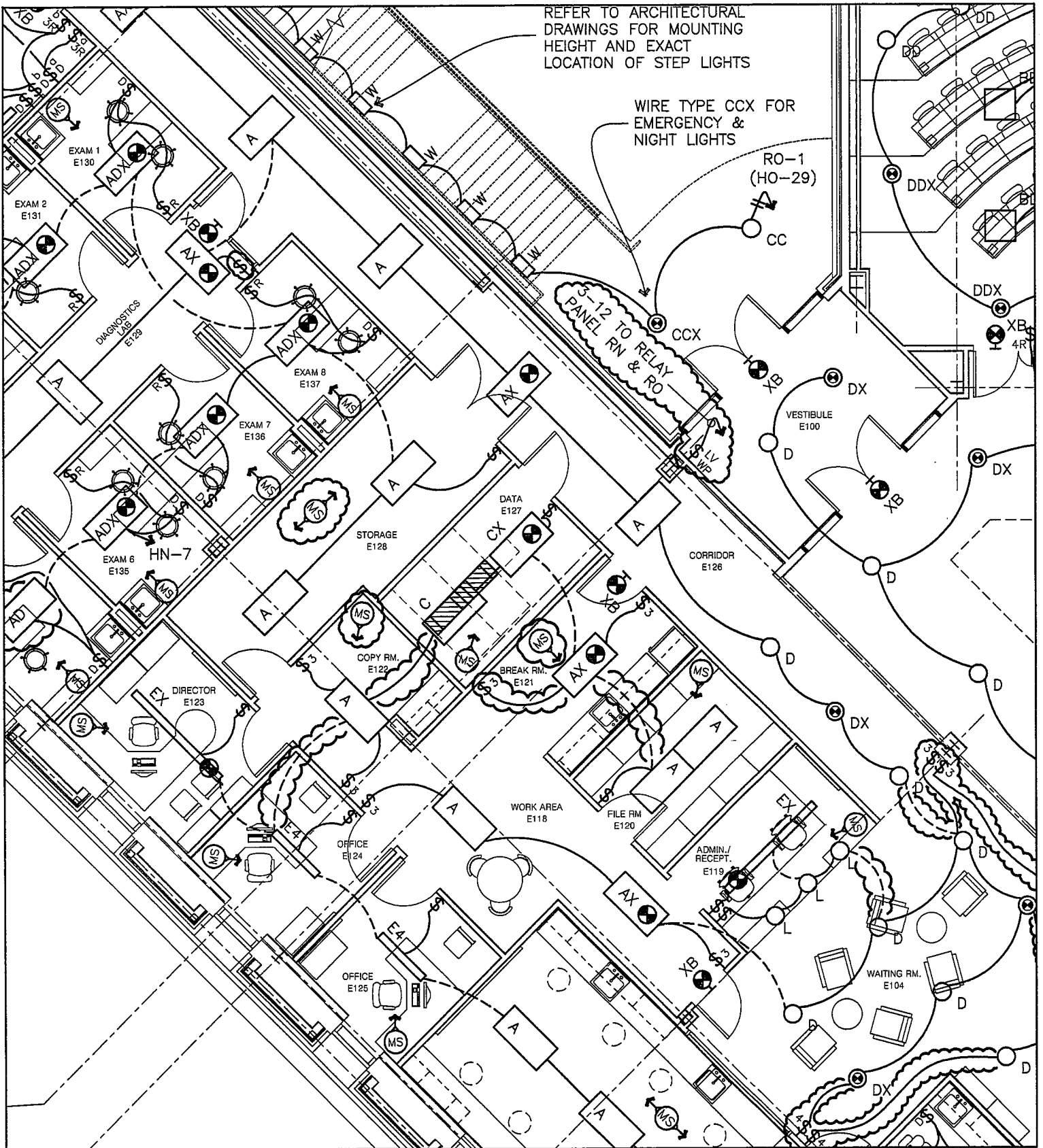
REVISED EXHAUST FAN AND VENT SCHEDULE



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ALLIED HEALTH ADDITION
 SAN JACINTO COLLEGE

ADD-3-SKM2
 0822
 NO SCALE
 06/02/2010
 M3.00



Partial Lighting First Floor Plan

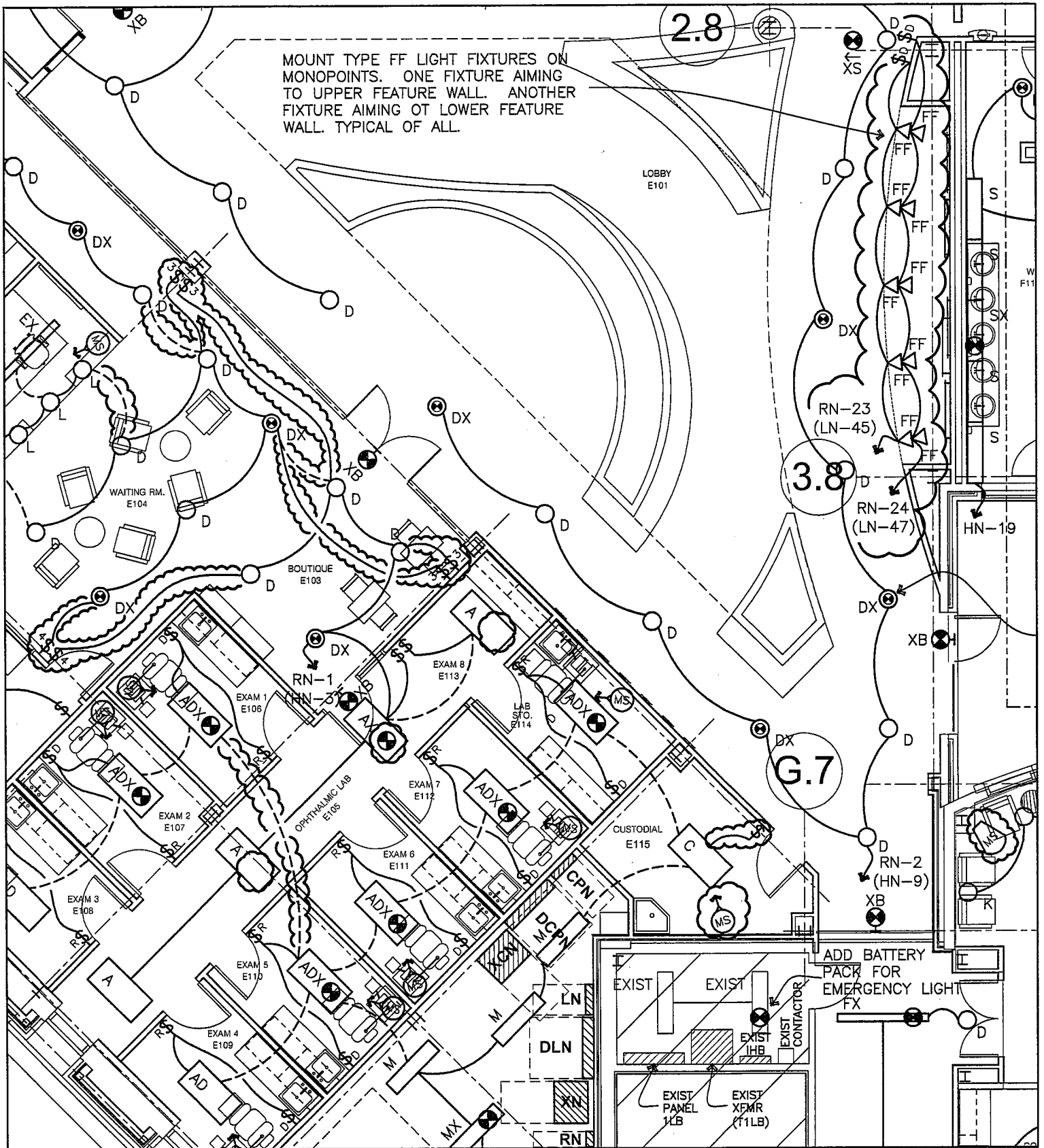


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San Jacinto College Allied Health Addition

ADD-03-SKE1

0822
 1/8"=1'-0"
 06/04/2010
 E1.01



Partial Lighting First Floor Plan

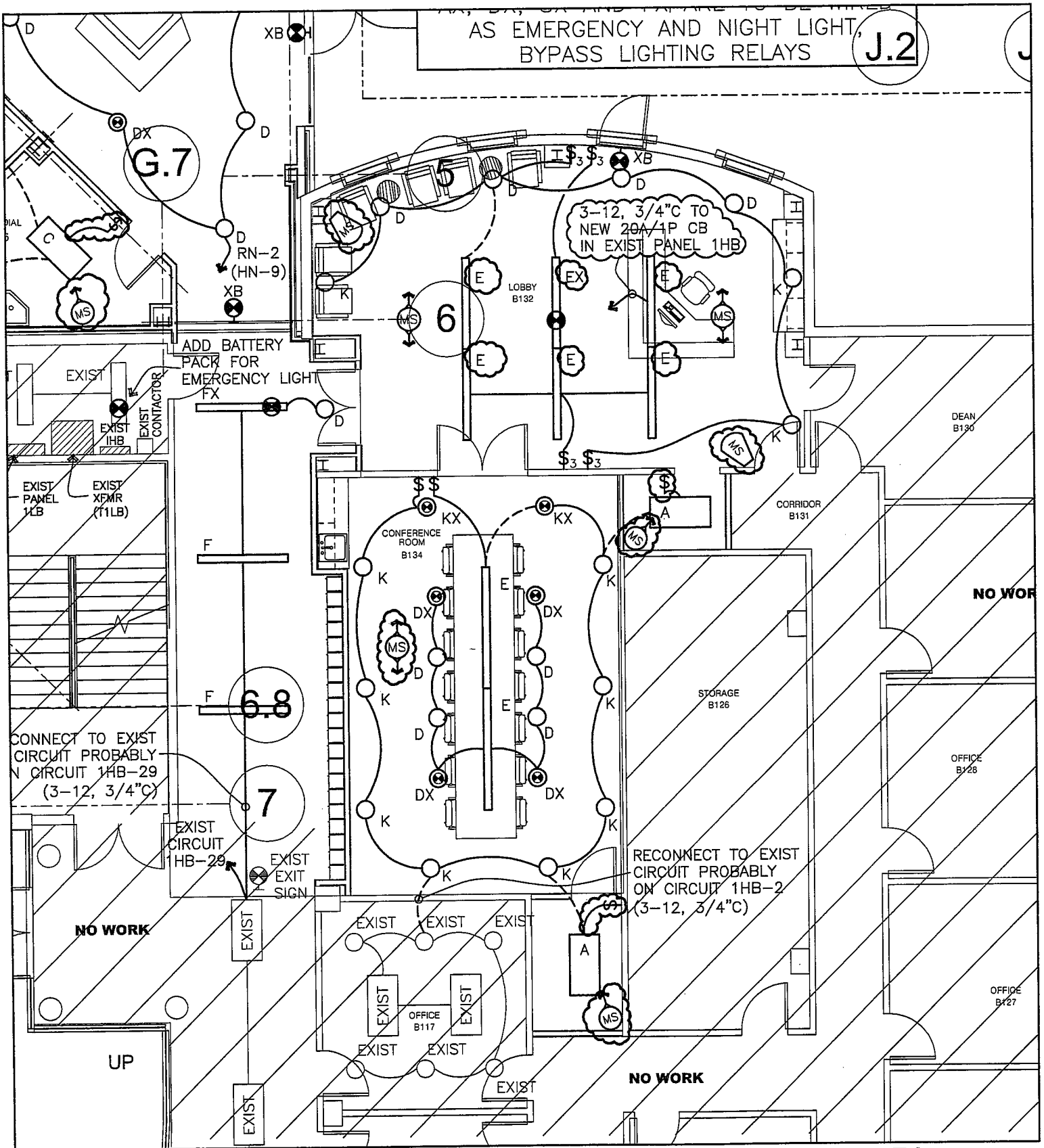


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San Jacinto College Allied Health Addition

ADD-03-SKE2

0822
 1/8"=1'-0"
 06/04/2010
 E1.01



Partial Lighting First Floor Plan

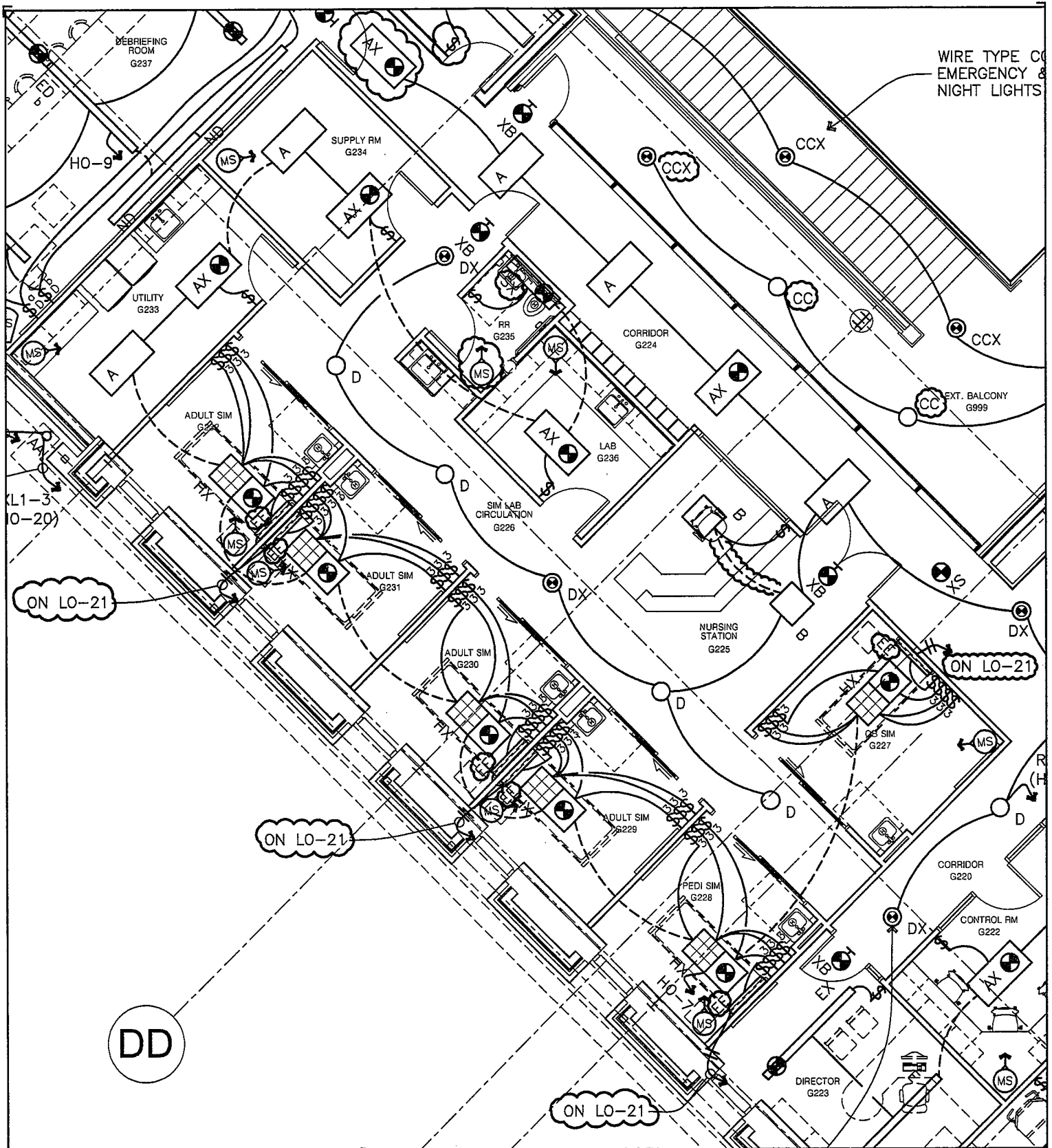


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San Jacinto College Allied Health Addition

ADD-03-SKE3

0822
 1/8"=1'-0"
 06/04/2010
 E1.01



Partial Lighting Second Floor Plan

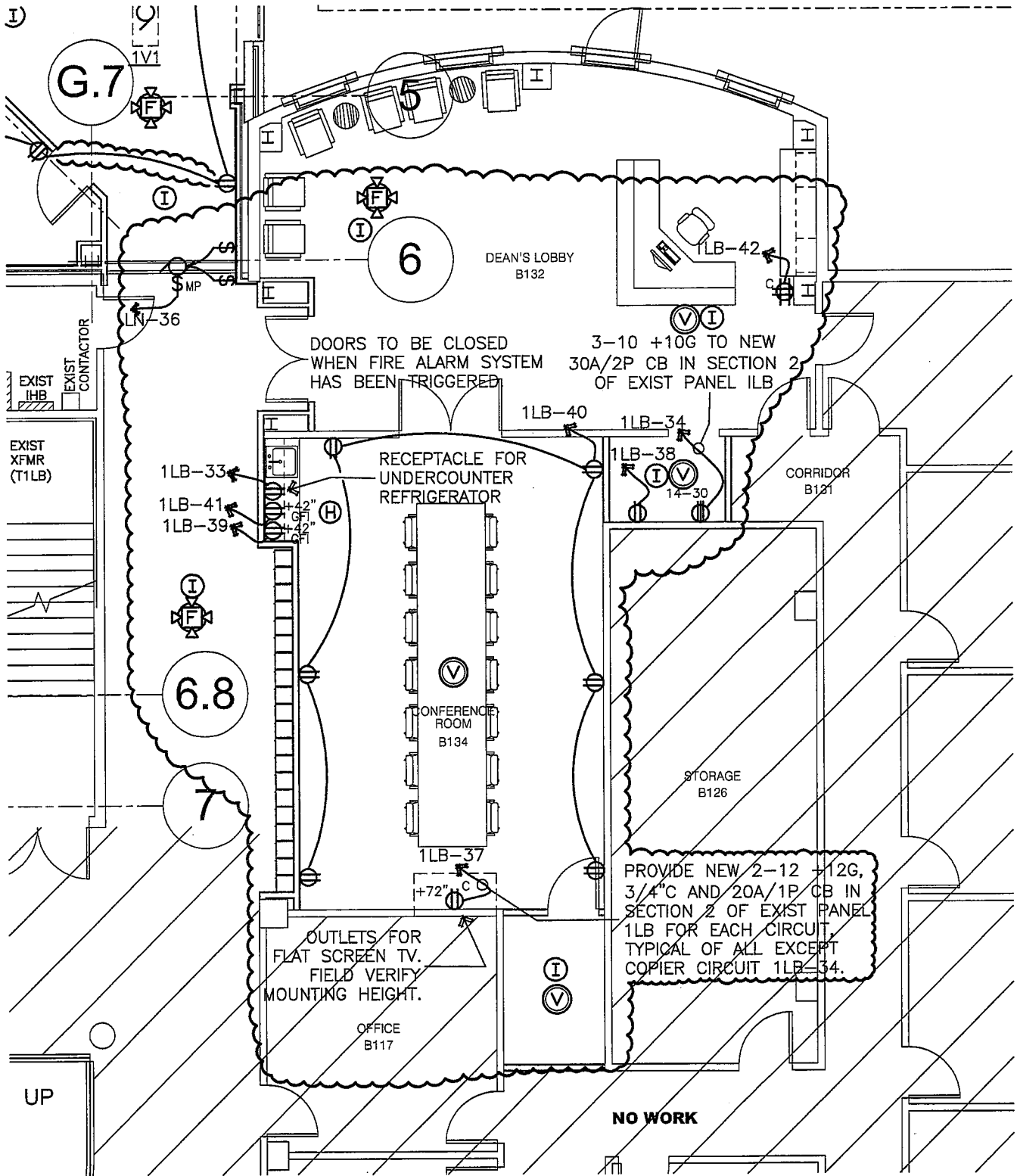


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San Jacinto College Allied Health Addition

ADD-03-SKE4

0822
 1/8"=1'-0"
 06/04/2010
 E1.03



PARTIAL ELECTRICAL FIRST FLOOR PLAN



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ALLIED HEALTH ADDITION
 SAN JACINTO COLLEGE

ADD-03-SKE5
 0822
 1/8"=1'0"
 06/04/2010
 E1.02

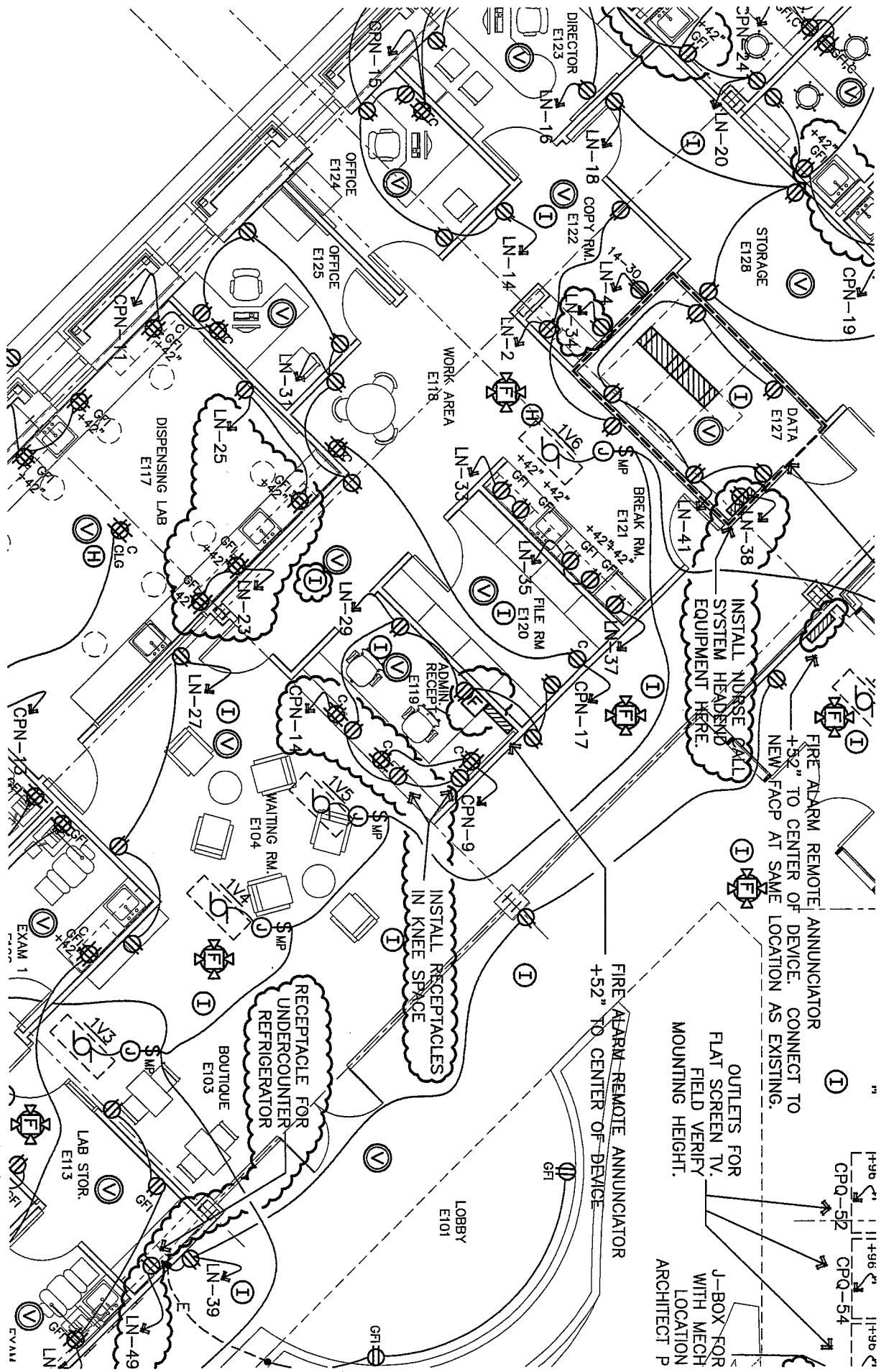


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ALLIED HEALTH ADDITION
 SAN JACINTO COLLEGE

PARTIAL ELECTRICAL FIRST FLOOR PLAN



ADD-03-SKE6
 0822
 1/8"=1'0"
 06/04/2010
 E1102



BAY ARCHITECTS

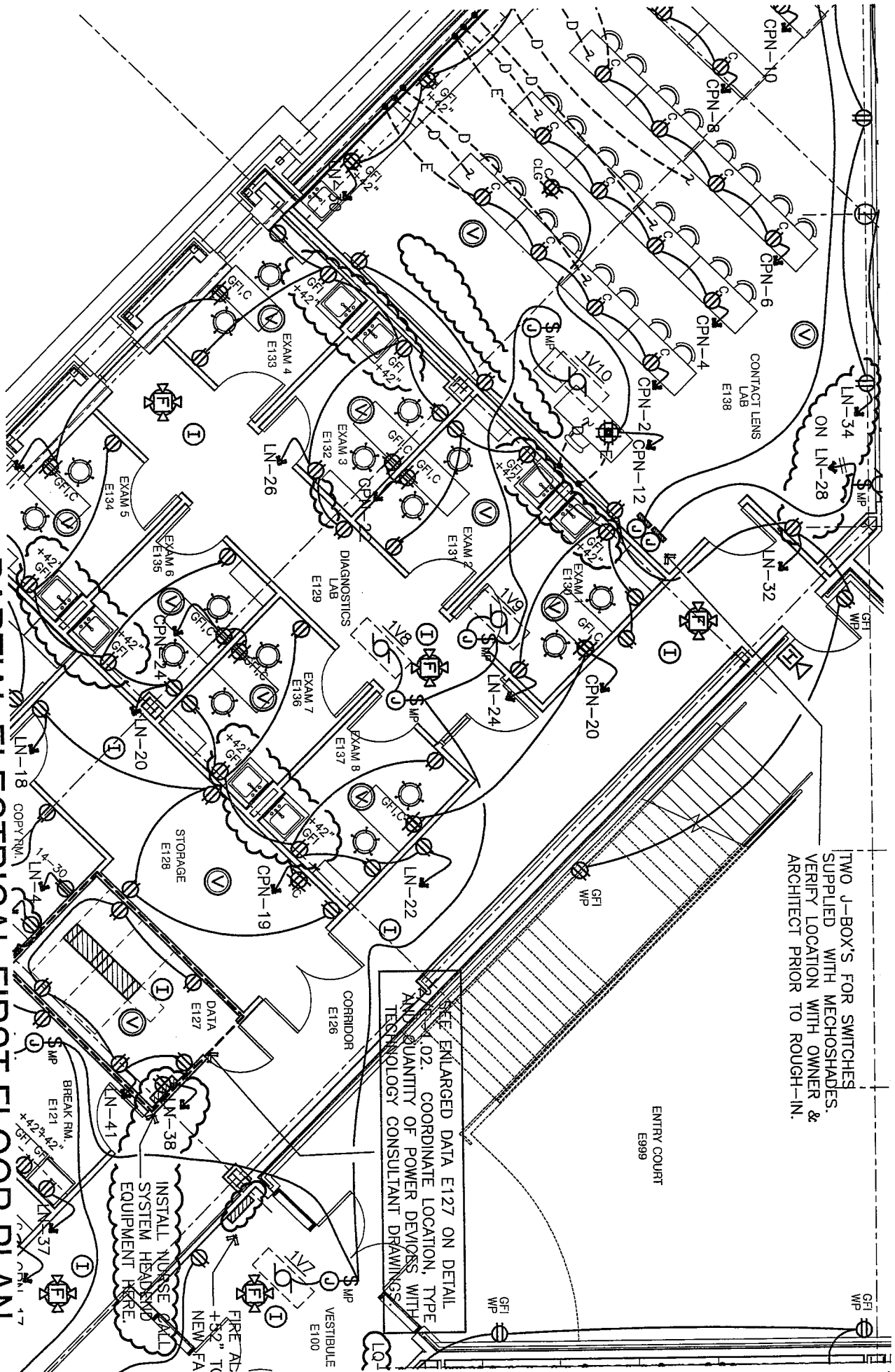
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ALLIED HEALTH ADDITION
SAN JACINTO COLLEGE

PARTIAL ELECTRICAL FIRST FLOOR PLAN

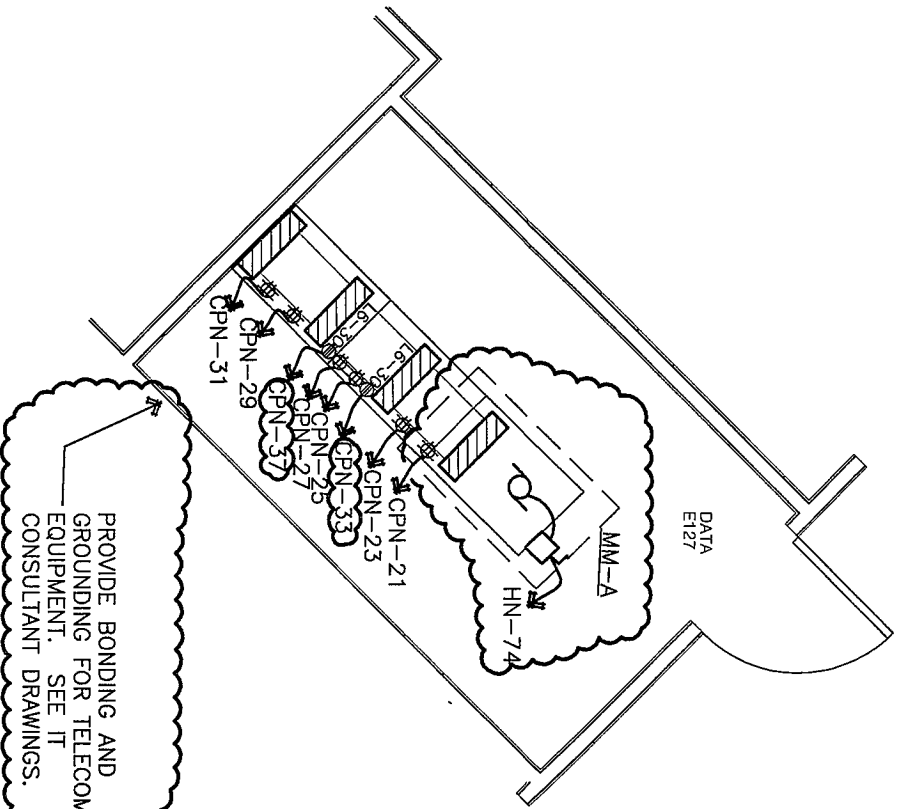
ADD-03-SKE7

0822
1/8"=1'0"
06/04/2010
E1.02



TWO J-BOX'S FOR SWITCHES SUPPLIED WITH MECHSHADES. VERIFY LOCATION WITH OWNER & ARCHITECT PRIOR TO ROUGH-IN.

SEE ENLARGED DATA E127 ON DETAIL E1.02. COORDINATE LOCATION, TYPE AND QUANTITY OF POWER DEVICES WITH TECHNOLOGY CONSULTANT DRAWINGS.

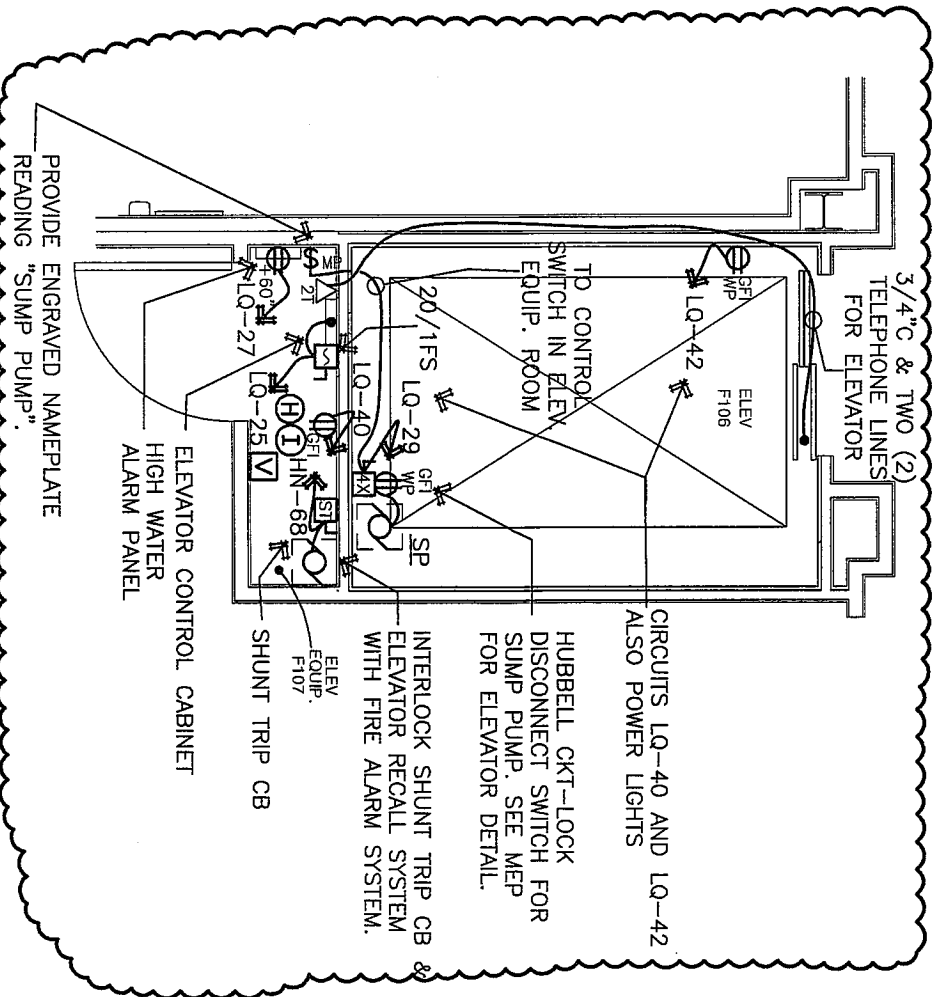


2

ENLARGED DATA E127

SCALE: 1/4" = 1'-0"

NORTH



3

ENLARGED ELEV F108 & F107

SCALE: 1/4" = 1'-0"

NORTH

PARTIAL ELECTRICAL FIRST FLOOR PLAN



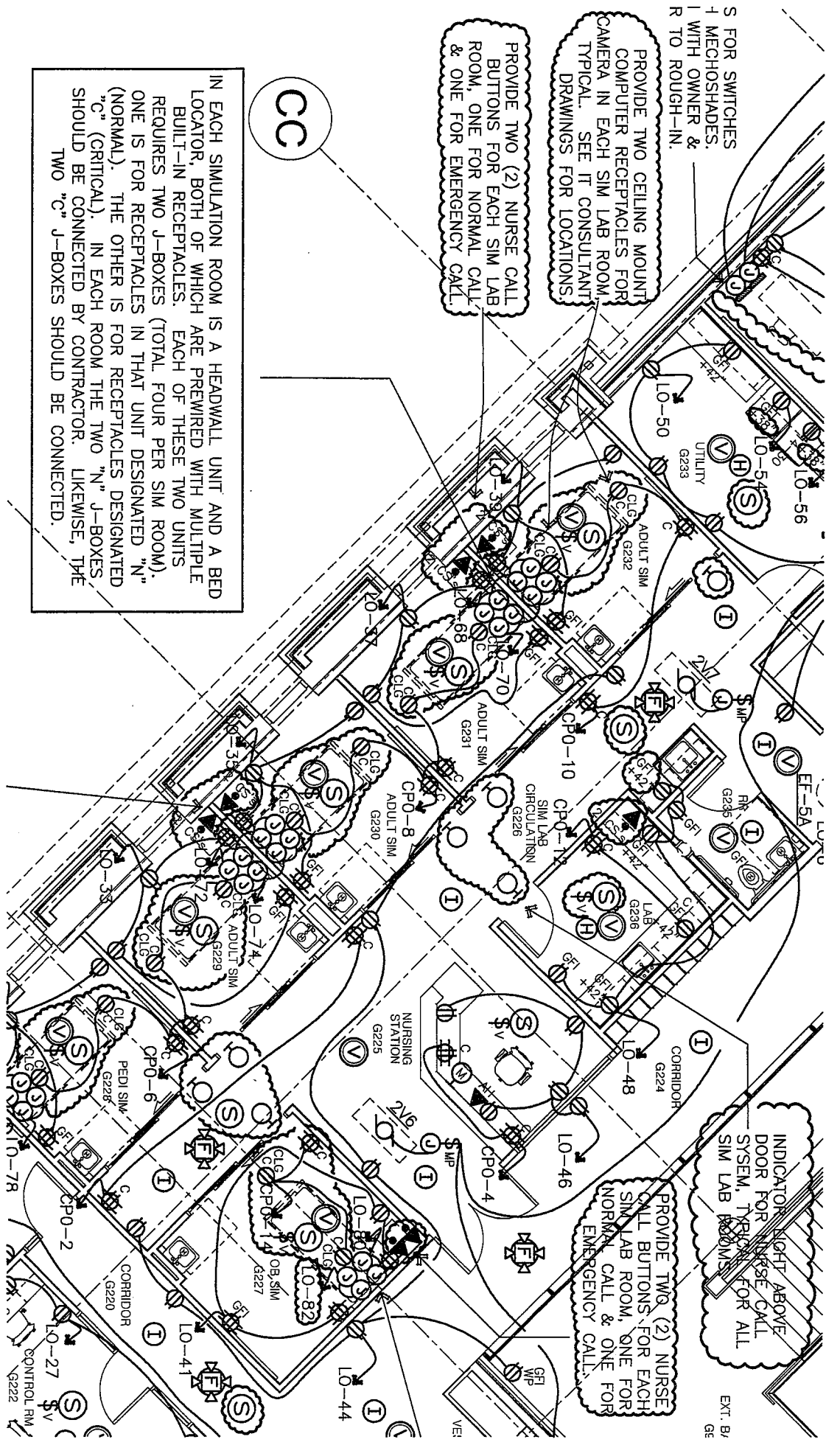
BAY ARCHITECTS

18201 GULF BREWERY
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HOUSTON, TEXAS 77289
281.286.6605

ALLIED HEALTH ADDITION
SAN JACINTO COLLEGE

ADD-03-SKE8

0822
1/4"=1'0"
06/04/2010
E1.02



IN EACH SIMULATION ROOM IS A HEADWALL UNIT AND A BED LOCATOR, BOTH OF WHICH ARE PREWIRED WITH MULTIPLE BUILT-IN RECEPTACLES. EACH OF THESE TWO UNITS REQUIRES TWO J-BOXES (TOTAL FOUR PER SIM ROOM), ONE IS FOR RECEPTACLES IN THAT UNIT DESIGNATED "N" (NORMAL). THE OTHER IS FOR RECEPTACLES DESIGNATED "C" (CRITICAL). IN EACH ROOM THE TWO "N" J-BOXES SHOULD BE CONNECTED BY CONTRACTOR. LIKEWISE, THE TWO "C" J-BOXES SHOULD BE CONNECTED.

PROVIDE TWO (2) NURSE CALL BUTTONS FOR EACH SIM LAB ROOM, ONE FOR NORMAL CALL & ONE FOR EMERGENCY CALL.

PROVIDE TWO CEILING MOUNT COMPUTER RECEPTACLES FOR CAMERA IN EACH SIM LAB ROOM. TYPICAL. SEE IT CONSULTANT DRAWINGS FOR LOCATIONS

S FOR SWITCHES
+ MECHOSHADOWS,
I WITH OWNER &
R TO ROUGH-IN.

INDICATOR LIGHT ABOVE DOOR FOR NURSE CALL SYSTEM, TYPICAL FOR ALL SIM LAB ROOMS

PROVIDE TWO (2) NURSE CALL BUTTONS FOR EACH SIM LAB ROOM, ONE FOR NORMAL CALL & ONE FOR EMERGENCY CALL.

PARTIAL ELECTRICAL 2ND FLOOR PLAN

BAY ARCHITECTS

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ALLIED HEALTH ADDITION
SAN JACINTO COLLEGE

ADD-03-SKE9
0822
1/8"=1'0"
06/04/2010
E1.04

