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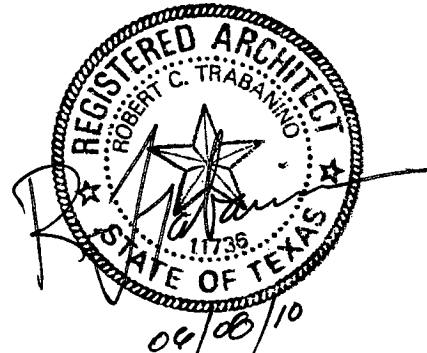
ADDENDUM NO. 07
June 8, 2010

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	May 21, 2010
Addendum No. 01	May 28, 2010
Addendum No. 02	June 2, 2010
Addendum No. 03	June 4, 2010
Addendum No. 04	June 4, 2010
Addendum No. 05	June 7, 2010
Addendum No. 06	June 8, 2010

4. This Addendum consists of: ADD 07-1 through ADD 07-5; sketches ADD-07-SKM1 through ADD-07-SKM2, ADD-07-SKE1 through ADD-07-SKE2 and ADD-07-SKP1; as prepared by JSE Consulting Engineers.

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 22 07 19 – Plumbing Piping Insulation
Article 1.2G – Revise the requirement of aluminum jacketing on all insulated piping exposed to view, including inside mechanical rooms.
7. Section 22 42 00 – Commercial Plumbing Fixtures
Paragraph 1.2, Section K.1, Add Kohler to the list of acceptable manufacturers of water closets, urinals and lavatories.
8. Section 23 07 19 – HVAC Pipe Insulation
Article 1.02G – Revise the requirement of aluminum jacketing on all insulated piping exposed to view, including inside mechanical rooms.
Article 2.3C – Revise glass fiber insulation for filling voids to closed cell.
9. Section 23 21 13 – HVAC Hydronic Piping
Article 2.9H – Equivalent valves of manufacturers not listed are also acceptable.
Article 2.14 – Delete the entire article. No grooved piping shall be used.
10. Section 26 00 00 – General Electrical
Article 1.2 – Electrical switchgear manufacturer shall provide electrical coordination study. Also, coordinate requirements with work specified in other divisions (27 & 28).
Article 1.4 – Contractor shall include overlaying Drawings with Mechanical Shop Drawings to identify conflicts prior to installation.
Article 1.12 – Coordinate with Architect for submittal requirements. Submit electronic submittals as required. Submit at least one hard copy to engineer.
Article 1.18 – Provide tests in presence of commissioning authority.
11. Section 26 05 00 – Electrical Wiring
Article 2.1A – Contractor shall also coordinate requirements with work specified in other divisions (27 & 28).
Article 2.1 C3 - Contractor shall consult with Owner and Architect on the use of exposed raceways in areas other than mechanical rooms.
Article 2.2E: Revise to: Fire Alarm and DDC system wiring shall be in conduit unless directed otherwise in consultation with Owner. Consult with Owner for others.
Article 2.7H. Contractor shall provide grounding and bonding for telecommunications room per NEC. Coordinate with telecom consultant.
12. Section 26 09 23 – Lighting Control Devices
Article 3.1 – Coordinate with Mechanical work so that occupancy sensors can also be used to initiate setback temperature sequence via automation system. Interlock wiring from occupancy sensors to HVAC equipment shall be provided by mechanical contractor.
13. Section 26 51 13 – Interior Lighting Fixtures, Lamp and Ballasts
Article 2.1D – Fluorescent lamps should be mercury-free. Also, fluorescent lamps shall be super save T8 and long life type use 28W instead of 32W.

PART D: CHANGES TO THE DRAWINGS

14. Sheet M1.01 – Mechanical Floor Plan – 1st Floor Areas E & F
 - a. Revise MM-A ductwork per the attached Drawing ADD-7-SKM1.

15. Sheet M1.01 –Mechanical Floor Plan – 1st Floor Areas E & F
 a. Provide RV-2 and ductwork per the attached Drawing ADD-7-SKM2.
16. Sheet E1.02 – Electrical Power Plan – 1st Floor Areas E & F
 a. Vestibule E100: Provide J-box and switch with pilot light above ceiling to serve card reader at outside entry door, connect to circuit LN-42.
 b. Lobby E101: Provide J-box and 120V circuit LN-48 for electronic access (remote) to door at lower end of lobby on right side (connects to original building area).
 c. Large Tiered Classroom E102: Provide J-box and switch with pilot light above ceiling to serve card readers at both entry doors, connect both to circuit LQ-33.
 d. Boutique E103: Provide J-box and switch with pilot light above ceiling to serve card reader at lobby entry door, connect to circuit LN-44.
 e. Mechanical Room E116: Provide VFD type starter for FCU-E. Remove junction box and home run to circuit LN-8 and place on 480V circuit HN-53.
 f. Corridor E126: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door from outside adjacent to Contact Lens Lab E138, connect to circuit LN-8.
 g. Contact Lens Lab E138: Provide J-box and wire panic hardware for door on southwest wall, connect to circuit LN-46.
 h. Computer Classroom / Testing Suite F101: Provide J-box and switch with pilot light above ceiling to serve card readers at all three (3) entry doors, connect all to circuit LQ-7.
 i. Lobby F102: Provide J-box and 120V circuit LQ-26 for electronic access (remote) to double door to outside
 j. Medium Tiered Classroom F104: Provide J-box and switch with pilot light above ceiling to serve card readers at both entry doors, connect both to circuit LQ-31.
17. Sheet E1.04 – Electrical Power Plan – 2nd Floor Areas G & H
 a. Simulation Lab Rooms G227, G228, G229, G230, G231 and G232:
 1) Add Detail 2/E1.04 titled “Typical Sim Room Headwall Electrical Plan”. see attached **DRAWING ADD-07-SKE1**.
 2) Add the phrase “See Detail 2 this drawing for additional detail” to the notes pointing to these junction boxes at three different locations.
 3) Add one duplex computer receptacle located just off the right end of the patient light unit of the headwall system to serve the monitor.. Connect to existing computer circuits. Also, revise the mounting height of one of the quad receptacles to serve the sim link equipment. Coordinate with headwall unit provider prior to rough-in. Typical of each of the six simulation rooms.
 b. Entry door to simulation area between rooms G234 and G235: Provide J-box and switch with pilot light above ceiling to serve card reader at this door, connect to circuit LO-52.
 c. Vestibule G219: Provide J-box and switch with pilot light above ceiling to serve card reader at double door entry from Balcony G203, connect to circuit LO-66.
 d. Control Room G222: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LO-66.
 e. Ob Sim G227: Change circuit LO-82 to Circuit CPO-27.
 f. Pedi Sim Lab Room G228: Change circuit LO-78 to Circuit CPO-25.
 g. Simulation Lab Room G229: Change circuit LO-74 to Circuit CPO-23.
 h. Simulation Lab Room G231: Change circuit LO-70 to Circuit CPO-21

- i. Sonography Lab G240: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LO-84.
- j. Classroom G241: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LO-84.
- k. Classroom H208: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LP-33.
- l. Classroom H209: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LP-33.
- m. Dental Assist Lab H212: Provide J-box and switch with pilot light above ceiling to serve card reader at entry door, connect to circuit LP-21,
- n. Mechanical Room G244: Provide VFD type starter for FCU-G. Remove junction box and home run to circuit LO-5 and place on 480V circuit HO-39.

18. Sheet E2.01 Electrical Schedules:

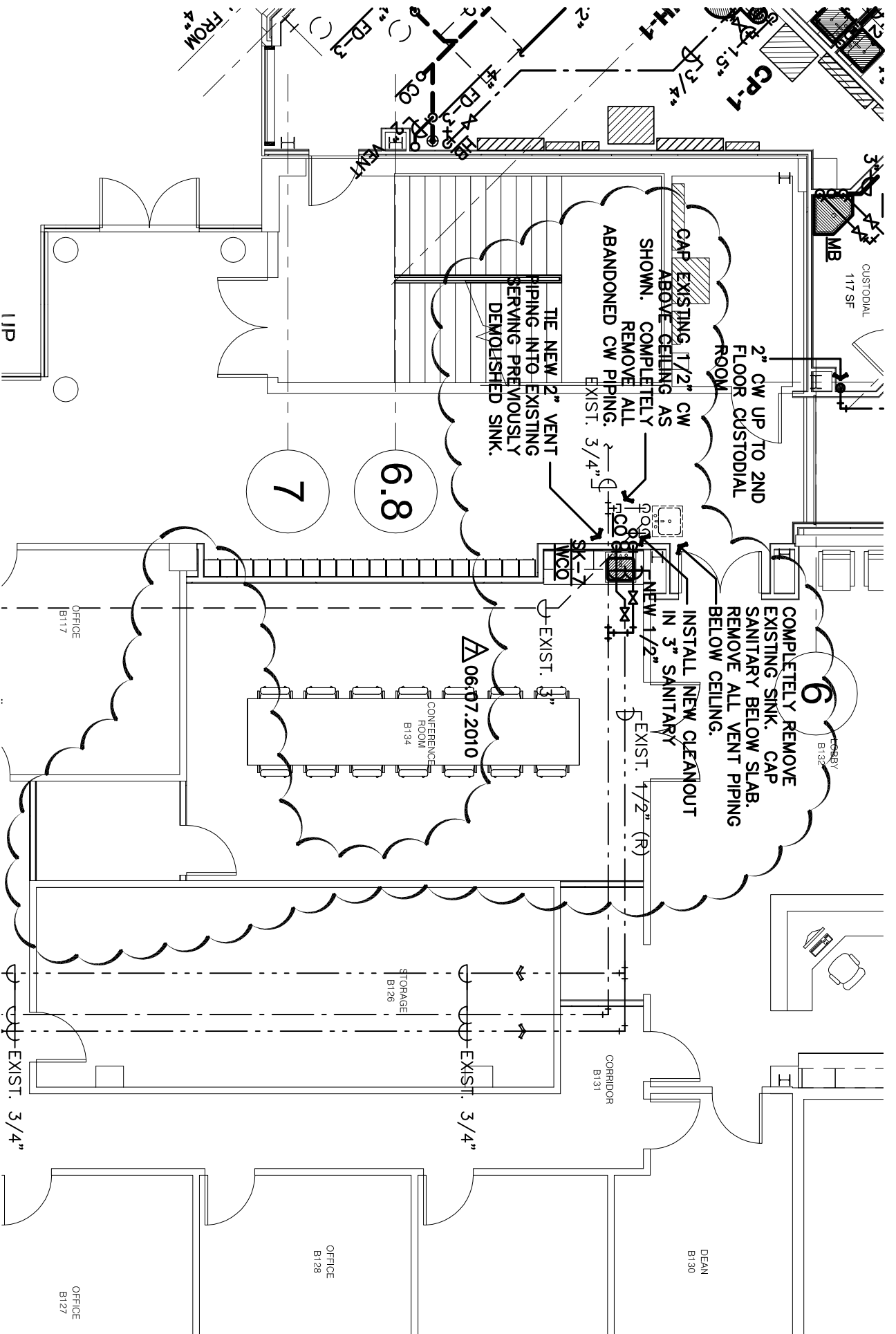
- a. Panel LN:
 - 1) Revise circuit LN-8 from FCU-E to serve one card reader.
 - 2) Circuit LN-42 is revised from spare to serve one card reader.
 - 3) Circuit LN-44 is revised from spare to serve one card reader.
 - 4) Circuit LN-46 is revised from spare to serve panic hardware for outside door in E138.
 - 5) Circuit LN-48 is revised from spare to serve electronic access (remote).
 - 6) Revise circuits LN-54, 56, 58, and 60 to spares with 20A/1P circuit breakers.
- b. Panel CPO:
 - 1) Revise circuit CPO-21 from spare to serve four "C" J-boxes in simulation room headwall units.
 - 2) Revise circuit CPO-23 from spare to serve four "C" J-boxes in simulation room headwall units.
 - 3) Revise circuit CPO-25 from spare to serve two "C" J-boxes in simulation room headwall units.
 - 4) Revise circuit CPO-27 from spare to serve two "C" J-boxes in simulation room headwall units.
- c. Panel LO:
 - 1) Revise circuit LO-5 to spare.
 - 2) Circuit LO-52 is revised from spare to serve one card reader.
 - 3) Circuit LO-66 is revised from spare to serve two card readers.
 - 4) Circuit LO-84 is revised from spare to serve two card readers.
 - 5) Revise circuits Lo-70, 74, 78, and 82 to spare.
- d. Panel LP:
 - 1) Circuit LP-21 is revised from spare to serve two card readers.
 - 2) Circuit LP-33 is revised from spare to serve one card reader.
- e. Panel LQ:
 - 1) Circuit LQ-7 is revised from spare to serve three card readers.
 - 2) Circuit LQ-26 is revised from spare to serve electronic access (remote).
 - 3) Circuit LQ-31 is revised from spare to serve two card readers.
 - 4) Circuit LQ-33 is revised from spare to serve two card readers.
- f. Panel HN:
 - 1) Provide 3-12 +12G, ¾"C to circuit HN-53 for FCU-E.
- g. Panels CPN, CPO, CPP and CPQ: Provide integral TVSS for each Panel.
- h. Panel HO:
 - 1) Revise Panel HO to accommodate up to 54 circuit breakers.
 - 2) Provide 3-12 +12G, ¾"C to circuit HO-39 for FCU-G.
 - 3) Add 20A/1P circuit breakers and make spares of circuits HO-44, 45, 46, 47,48, and 49.

19. Sheet E3.00 Electrical Details and Light Fixture Schedule:
 - a. Electrical Legend & Symbols: See attached **DRAWING ADD-07-SKE2** for symbols added to schedule.
 - b. Type XS, XB and XD: Provide exit signs with frog-eye fixtures and 90-minute batteries.
 - c. Type Q: New light poles shall match existing campus light pole, field verify.
LSI Industries
HFPSDV-2-175-MH-F-MT-PLT-SS
Pole: LITHONIA RSA 14 – Field Verify.
20. Sheet P1.01 – Plumbing Floor Plan, Area E & F
 - a. Revise location of new sink in renovated area, Conference B134. See attached **Drawing ADD-07-SKP1**.
21. Sheet P2.01 – Plumbing Schedules and Details
 - a. Revise plumbing fixture schedule to add sink mark SK-7. See attached **Drawing ADD-07-SKP2**.

PART E: RE-ISSUED SHEETS

22. None

END OF ADDENDUM



PARTIAL PLUMBING FIRST FLOOR PLAN - AREA E

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ALLIED HEALTH ADDITION
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ADD-07-SKP1
 0822
 1/8"=1'0"
 06/07/2010
 P1.01



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PARTIAL PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

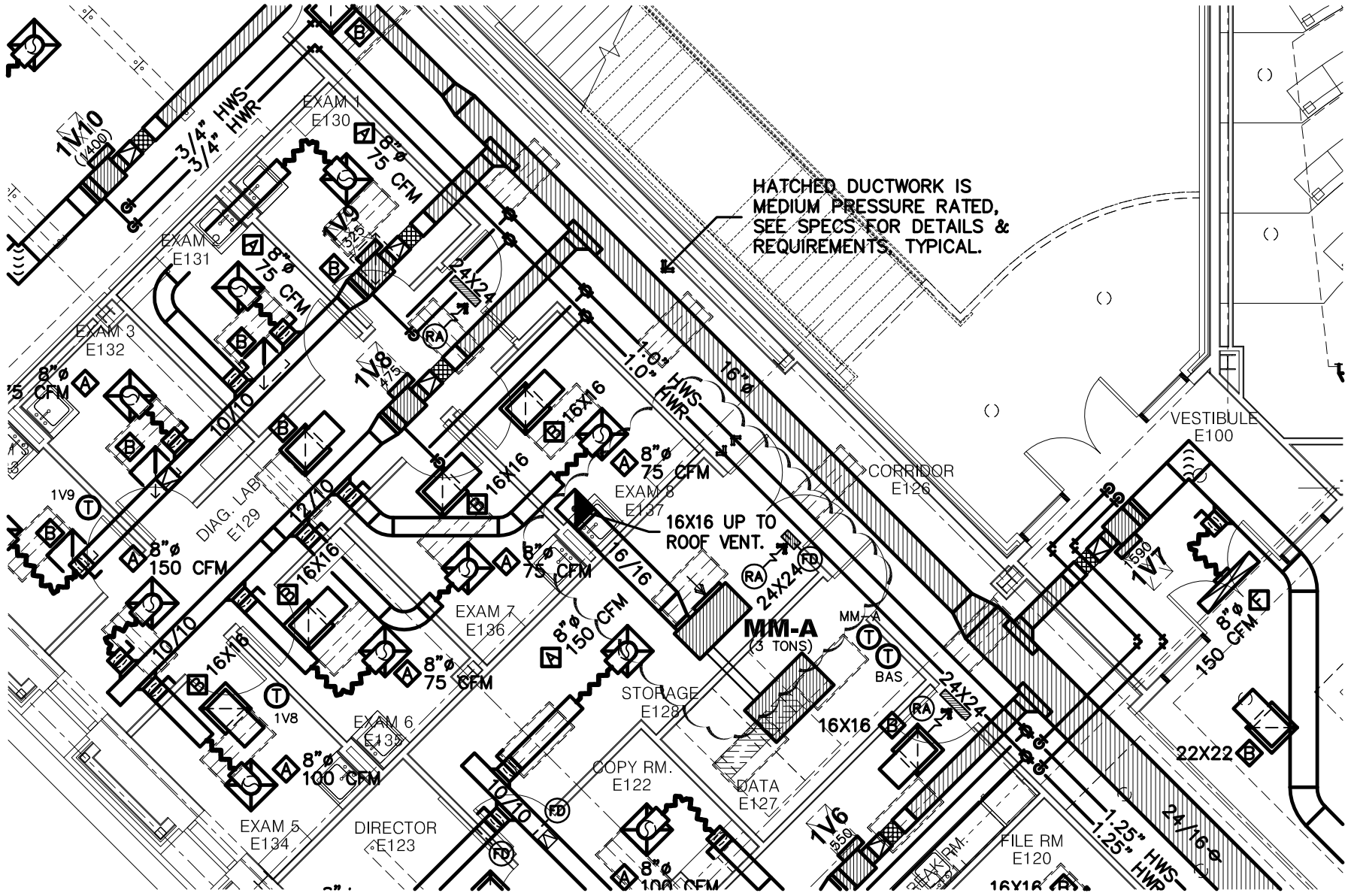
SK-7	1-1/2	1-1/2	1/2	1/2	<p>WORK SINK - SINGLE COMPARTMENT, 18-GAUGE STAINLESS STEEL WITH STAINLESS STEEL CHANNELS, ADA/TAS COMPLIANT, DRAINS IN REAR-CENTER OF BOWLS, FULLY UNDERCOATED AND SOUND DEADENED, 2 FAUCET HOLES (CENTER AND RIGHT), 13" X 16" X 6-1/2" DEEP ELKAY MODEL LRAD-1316; FAUCET SHALL BE CHROME PLATED, ALL CAST BRASS CONSTRUCTION, DECK MOUNTED WITH CHICAGO GN2A SWING SPOUT (INSTALL IN CENTER OF FAUCET LEDGE), ADA/TAS COMPLIANT SIDE VALVE FITTING WITH HIGH TEMPERATURE LIMIT AND SINGLE LEVER CONTROL, 1.5 GPM AERATOR, COMPLETELY VANDAL PROOF (INCLUDING AERATOR), COPPER SUPPLIES AND CERTIFIED FOR MEETING ALL REQUIREMENTS OF NSF 61 SECTION 9 CHICAGO MODEL 2302-VPC-GN2A; ELKAY LK-99 DRAIN OUTLET WITH HEAVY-GAUGE STAINLESS STEEL BODY, REMOVABLE STAINLESS STEEL BASKET WITH LOCKING SHELL AND RUBBER STOPPER ON BOTTOM; CHROME PLATED, 17-GAUGE CAST BRASS P-TRAP WITH CLEANOUT PLUG; CHROME PLATED, CAST BRASS, LOOSE KEY ANGLE STOPS WITH CHROME PLATED COPPER RISERS; AND, TRUEBRO HANDI LAV-GUARD, VANDAL-PROOF, WHITE INSULATION KITS WHERE KNEESPACE MILLWORK SCREEN IS NOT PROVIDED.</p>
EDF	1-1/4	1-1/4	1/2	-	<p>ELECTRIC DRINKING FOUNTAINS - WALL MOUNTED, ALL STAINLESS STEEL, ADA AND TAS COMPLIANT FOR ALL AGES, FRONT AND SIDE PUSH BARS, 8 GPH AT ARI STANDARDS, 2-STREAM ALL METAL BUBBLER</p>

STOPS WITH CHROME PLATED COPPER RISERS; AND, TRUEBRO HANDI LAV-GUARD, VANDAL-PROOF, WHITE INSULATION KITS WHERE KNEESPACE MILLWORK SCREEN IS NOT PROVIDED.

ALLIED HEALTH ADDITION
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ADD-07-SKP2

0822
 NO SCALE
 06/07/2010
 P2.01



REVISED FIRST FLOOR MECHANICAL PLAN - AREA E

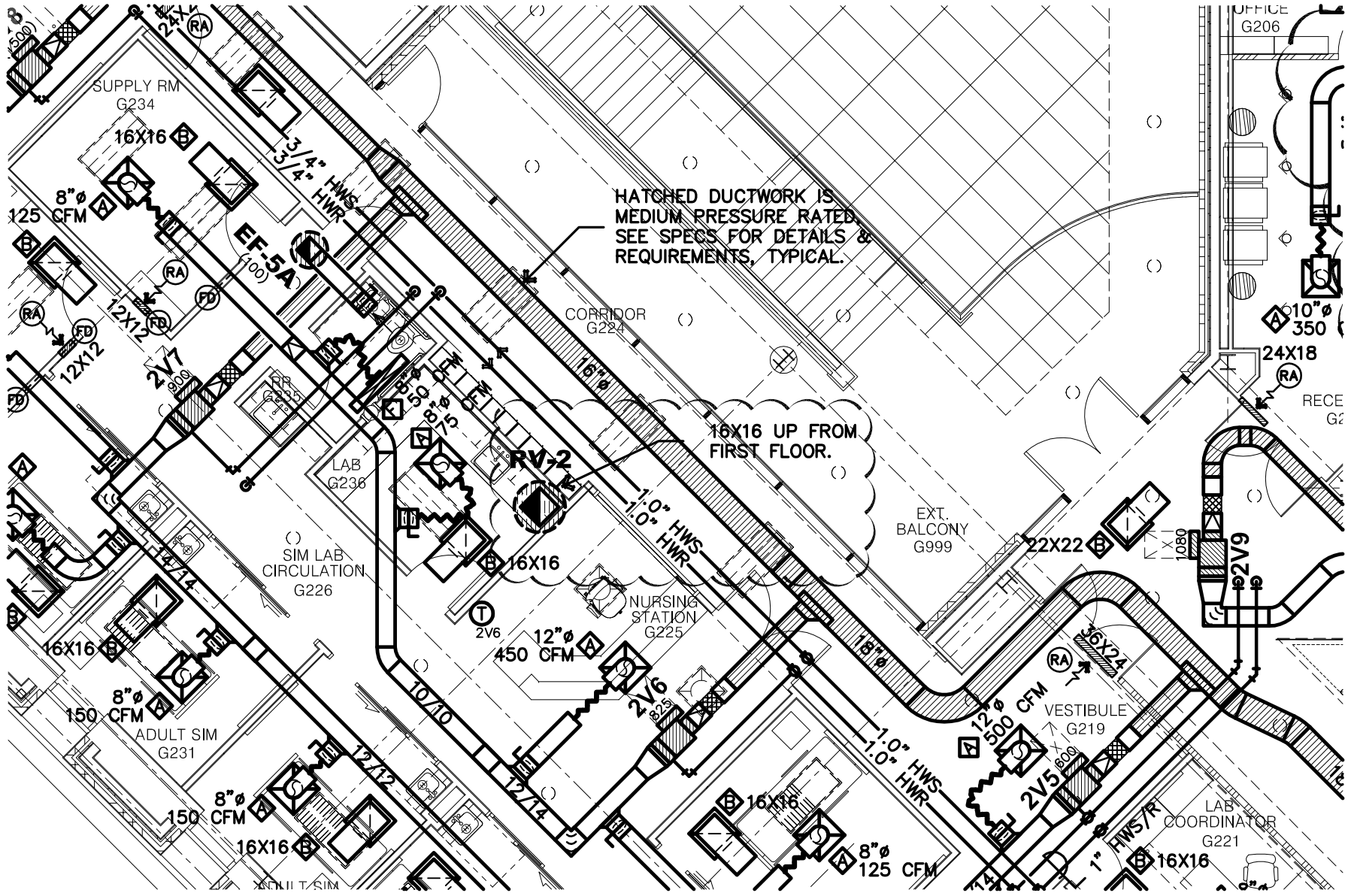


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ADD-7-SKM1

0822
 1/8" = 1'-0"
 06/07/2010
 M1.01



REVISED SECOND FLOOR MECHANICAL PLAN - AREA G



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ADD-7-SKM2
 0822
 1/8" = 1'-0"
 06/07/2010
 M1.02



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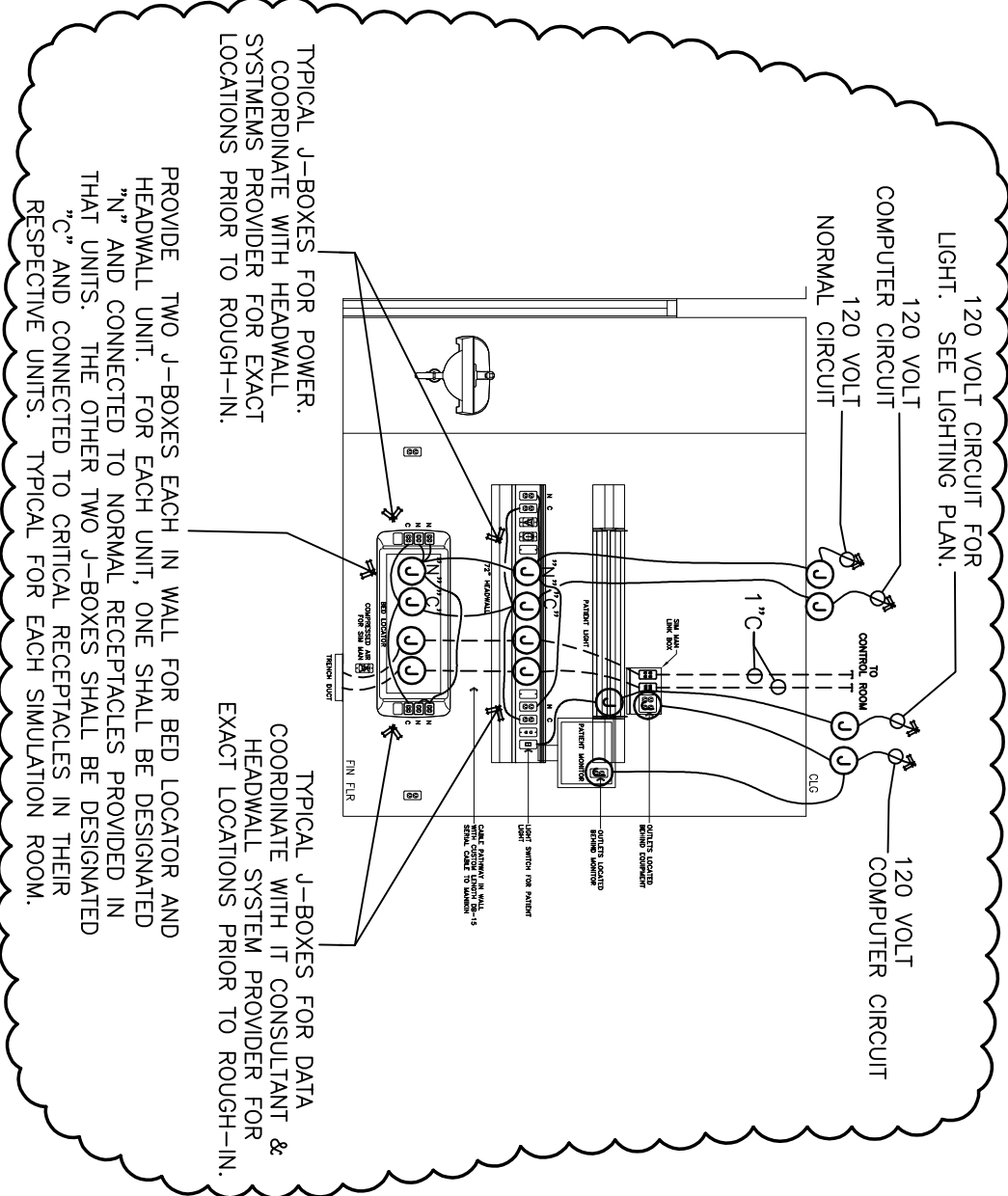
ADD-07-SKE1

0822
 1/4"=1'0"
 06/07/2010
 E1.04

2

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

TYPICAL SIM ROOM HEADWALL UNIT ELECTRICAL
TYPICAL SIM ROOM HEADWALL UNIT ELECTRICAL PLAN



TYPICAL J-BOXES FOR POWER.
 COORDINATE WITH HEADWALL
 SYSTEMS PROVIDER FOR EXACT
 LOCATIONS PRIOR TO ROUGH-IN.

PROVIDE TWO J-BOXES EACH IN WALL FOR BED LOCATOR AND
 HEADWALL UNIT. FOR EACH UNIT, ONE SHALL BE DESIGNATED
 "N" AND CONNECTED TO NORMAL RECEPTACLES PROVIDED IN
 THAT UNITS. THE OTHER TWO J-BOXES SHALL BE DESIGNATED
 "C" AND CONNECTED TO CRITICAL RECEPTACLES IN THEIR
 RESPECTIVE UNITS. TYPICAL FOR EACH SIMULATION ROOM.







TYPICAL J-BOXES FOR DATA
 COORDINATE WITH IT CONSULTANT &
 HEADWALL SYSTEM PROVIDER FOR
 EXACT LOCATIONS PRIOR TO ROUGH-IN.

120 VOLT CIRCUIT FOR
 LIGHT. SEE LIGHTING PLAN.

120 VOLT
 COMPUTER CIRCUIT
 120 VOLT
 NORMAL CIRCUIT

120 VOLT
 COMPUTER CIRCUIT

ELECTRICAL LEGEND AND SYMBOLS

	J-BOX FOR ACCESS CONTROL CARD READER. PROVIDE CONDUIT INSIDE WALL. PROVIDE FLEX CONDUIT INSIDE DOOR FRAME.
	SPEAKER FOR NURSE CALL SYSTEM
	SPEAKER WITH VOLUME CONTROL SWITCH FOR NURSE CALL SYSTEM
	NURSE CALL SWITCHES - "2 CS" DENOTES TWO SWITCHES (ONE REGULAR, ONE EMERGENCY)
	INTERCOM HANDSET FOR NURSE CALL SYSTEM
	INTERCOM HANDSET FOR NURSE CALL SYSTEM

PARTIAL ELECTRICAL DETAILS

ALLIED HEALTH ADDITION
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ADD-07-SKE2
0822
NO SCALE
06/07/2010
E3.0



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