

**SCOTT COMMUNITY COLLEGE
BELMONT CAMPUS
ALLIED HEALTH (CTE) ADDITION AND REMODEL PROJECT**

**ADDENDUM #02
August 1, 2022**

SUMMARY

Include Pre-Bid Meeting Notes, Drawing/Spec revisions, substitution requests, and list of RFIs.

STRUCTURAL

DRAWING ITEMS:

1. **DRAWING S1.10 - FOUNDATION AND SECOND FLOOR FRAMING PLAN**
 - a. **REVISE** Keynote 16 and **ADD** Keynote 19 for added clarification.
 - b. **ADD** section cut 11/3.00 and elevations for footings associate with the existing buildings.
2. **DRAWING S1.12 - ROOF FRAMING PLAN**
 - a. **ADD** steel members to support roof deck overhang.
3. **DRAWING S5.00 - FRAMING DETAILS**
 - a. **REMOVE** Detail 4 Notes 3 and 4 as they are not applicable.

ARCHITECTURAL

SPECIFICATION ITEMS:

1. **SUMMARY OF MULTIPLE CONTRACTS REVISED**
2. **SECTION 08 71 00 - DOOR HARDWARE**
 - a. **REVISE** cylinder and keying sections
3. **ADD 12 35 53 LABORATORY CASEWORK EPOXY COUNTERTOPS section**

DRAWING ITEMS:

1. **DRAWING A1.01 MID AND LOWER LEVELS ALLIED HEALTH FLOOR PLANS**
 - a. **ADD** wall tags
 - b. **ADD** new toilet and urinal partitions at the Men's and Women's Restrooms
2. **DRAWING A1.11 – ALLIED HEALTH REFLECTED CEILING PLANS**
 - a. **ADD** (Armstrong or sim.) field transition pieces at corridor intersections
3. **DRAWING A1.41 – FINISH PLANS**

- a. ADD floor leveler to room 1006 for added floor prep for the sheet vinyl due to existing uneven floor
- 4. **DRAWING A2.00 – EXTERIOR ELEVATIONS**
 - a. REVISE Nichiha note to read NICHHA FIBER CEMENT PANEL SYSTEM.
- 5. **DRAWING A3.00 - BUILDING AND DETAIL SECTIONS**
 - a. ADD Section detail notes to all elevations.
 - b. REVISE inside and outer top partition tracks to be rigid rather than slip track connections.
 - c. REVISE note for roof assembly to include ½” plywood per RFI response.
 - d. ADD Nichiha notes to detail 3 above flat roof.
- 6. **DRAWING A3.01 – BUILDING AND DETAIL SECTIONS**
 - a. ADD notes to detail flashing and roofing treatment from flat roof to existing building.
 - b. Add wall section through main entry.
- 7. **DRAWING A4.03 – INTERIOR ELEVATIONS**
 - a. ADD elevation under stair to show pipe rail
- 8. **DRAWING A5.00 – WALL TYPES AND DETAILS**
 - a. ADD/REVISE wall types and notes for 8” and 6” CMU walls
- 9. **DRAWING AD1.01 – ALLIED HELATH PLAN – DEMOLITION**
 - a. ADD Wall tags
 - b. ADD removal of all urinal and toilet partitions at the Men’s and Women’s Restrooms
 - c. ADD stairs to mezzanine to be removed
 - d. ADD casework and mailboxes to be removed

MECHANICAL

DRAWING ITEMS:

- 1. **DRAWING P200 - ALLIED WING UNDERFLOOR - PLUMBING**
 - a. **ADD** floor drain sanitary and vent piping.
 - b. **ADD** floor cleanout in Exam Overflow 0208.
 - c. **ADD** notation to gas piping.
- 2. **DRAWING P201 - ALLIED WING - PLUMBING**
 - a. **REVISE** gas piping routing.
- 3. **DRAWING P202 - ALLIED WING ROOF - PLUMBING**
 - a. **REVISE** gas piping routing.
- 4. **DRAWING P401 - PLUMBING DETAILS - PLUMBING**
 - a. **ADD** floor drains.
- 5. **DRAWING P600 - PLUMBING SCHEDULES**
 - a. **REVISE** L-1, L-2, SK-2, SK-4, SP-1, and SP2 description.
- 6. **DRAWING M201 - ALLIED WING - MECHANICAL**
 - a. **REVISE** view number 4 to show RTU-14 duct routing.

- b. **ADD** duct reference note.
 - c. **ADD** RTU-14 return duct routing.
 - d. **ADD** RG-3 and associated ductwork in Commons Corridor 0201.
7. **DRAWING M401 - MECHANICAL DETAILS**
- a. **ADD** RTU-14 duct layout isometric.
 - b. **ADD** DOAS-1 duct layout isometric.
8. **DRAWING M600 - MECHANICAL SCHEDULES**
- a. **ADD** return grille RG-3.

ELECTRICAL

SPECIFICATION ITEMS:

1. **SECTION 26 27 26 - WIRING DEVICES**
- a. **ADD** Paragraph 2.5H FB-5 "Floor Box" as follows:
- H. FB-5: Concealed Center Compartment:
- 1. Floor Box, flush-mounted hinged cover, square/rectangular center service area with closed while-in-use cover and cable egress doors in cover, provide complete with appropriate outlet cover plates and hardware. For use with 4-inch minimum concrete pour floors, fully adjustable, UL 514 scrub water listed.
 - 2. Gang / Outlet Descriptions:
 - a. One (1) 125 Volt, 20 amp, NEMA 5-20R duplex USB receptacle with 3/4-inch conduit. Type A USB charging rated at 5VDC 3.0A minimum.
 - 3. Manufacturers:
 - a. Hubbell CFB Series
 - b. Legrand Wiremold RFB Series
 - 4. Installation: Group route raceway conduits under slab on grade or in ceiling space below to nearest wall or as shown on plans. Provide provisions to core drill elevated floors and route conduits to ceiling space of associated floor box. Provide hub reducers when applicable.

DRAWING ITEMS:

1. **DRAWING E000 - ELECTRICAL COVERSHEET**
- a. **REVISE** Electrical Symbol List to add floor box "FB-5" to list as indicated.
2. **DRAWING E100 - SITE-ELECTRICAL**
- a. **CLARIFY** Keynote 5 for the spare conduit to run from the ceiling space of Mechanical Room-0227 for the exterior building sign. No revised sheet is issued for this clarification.
3. **DRAWING E211 - ALLIED WING - POWER**
- a. **REVISE** location for one above counter GFCI duplex outlet in Women 0216 as indicated.

- b. **REMOVE** total two (2) GFCI outlets and associated circuit(s) in Women 0216 as indicated.
 - c. **REVISE** location for the USB outlet in Corridor 0206 as indicated.
 - d. **ADD** Keynote 22 tag in ICN 0224 as indicated.
 - e. **ADD** total two (2) duplex outlets and associated circuit in Surgery Lab 1002 as indicated.
 - f. **ADD** total eight (8) FB-5 type floor boxes and associated circuits in Commons Corridor 0201 as indicated.
 - g. **ADD** Keynote 23 to the new digital meter for the existing switchboard as indicated.
 - h. **ADD** Keynotes 22 and 23 to sheet keynotes as indicated.
- 4. **DRAWING E600 - ELECTRICAL SCHEDULES**
 - a. **REVISE** Luminaire Schedule as indicated.
 - 5. **DRAWING E700 - ELECTRICAL PANEL SCHEDULES**
 - a. **REVISE** Panel Schedule for Panel RP2 as indicated.
 - 6. **DRAWING E701 - ELECTRICAL PANEL SCHEDULES**
 - a. **REVISE** the circuit tag from (*RNWB) to (*NWB) where applicable for circuits for panel P1. No revised sheet is issued for this clarification.

TECHNOLOGY

DRAWING ITEMS:

- 1. **Drawing T300 - ROOM LAYOUT - TECHNOLOGY**
 - a. **ADD** one (1) SC-MPP-2 to each rack as indicated on revised sheet.
- 2. **Drawing T501 - AUDIO/VIDEO RISER DIAGRAMS**
 - a. **ADD** one (1) AV-DCAM-1 as indicated on revised sheet.
- 3. **Drawing T600 - TECHNOLOGY SCHEDULES**
 - a. **ADD** SC-MPP-2 to Technology Equipment Schedule as indicated on revised drawing.

SUBSTITUTION REQUESTS

- 1. 072726-3: Fire Resist Baritech NP for Air-Shield LSR – Recommended
- 2. 072100 Thermal Insulation Carlisle Coating and Waterproofing R2+ Sheathe - Recommended
- 3. Alfrex metal panel – Not Recommended
- 4. Armstrong Ultima to USG Mars – Not Recommended
- 5. TKE Endura Elevator – Not Recommended
- 6. Allegion Door Hardware – Not Recommended
- 7. 4000 Hospital Holeless Hydraulic Elevator – Not Recommended

REQUEST FOR INFORMATION (RFI)

- 1. Spec 06 16 00 calls out plywood sheathing whereas details on A501 call out DensGlas. Please clarify.

Use Dens Glass where it is called out in the documents. Most of the time we are calling out Dens Glass for the main exterior walls and plywood over the extended soffits, back of parapets and fascia.

2. Detail 3 on A5.01 shows a prefinished aluminum soffit but doesn't call out what the substrate consists of as far as framing or sheathing.
5/8" EXT. PLYWOOD SHEATHING (SPECIFIED AIR BARRIER OVER SHEATHING) at the soffits and fascia.
3. Detail 2 on A3.00 (see attached) shows a 2 hour shaft wall system that is in front of the existing exposed aggregate panels above the windows. What's supporting that shaft wall? It calls for a slip track connection at the roof deck so we can't suspend it.
The 2" shaft wall is to have a rigid connection. We can rely on the EMSEAL joint to provide movement. That way they can hang the partitions for the deck.
4. Electrical/date see attached PDF. Looks like one of the patch panels is not shown on the technology schedules as of Addendum 1. Can we clarify?
Refer to addendum drawings.
5. 2/ A3.00 How is this soffit going expected to be braced above the storefronts?
Refer to addendum drawings.
6. The specifications call out for Z-furring added at roof deck for installation of metal framing where fire resistive materials are being used. Is there any fire resistive materials at the deck being used?
No, none combustible materials.
7. Interior expansion joints that are 2-hour fire rated, is there specific manufacturer or basis of design to follow on this?
Emseal or similar: 2 hour fire rated 2" expansion joints and covers
8. Is there a typical wall type that we should use for the walls that are not called out on the print?
Yes, wall type 'A1' if walls are not tagged.
9. Wall A1 at east storefront of conference room 211, is this wall to be fire rated?
Yes, wall type switched to 1 hour fire rated 'B1'
10. Can we get a copy of A1.01 without the life safety lines? We cannot see all the walls and details.
The life safety lines are behind all text and notes. Refer to other floor plans without the life safety lines.
11. 2/A3.00 the return to the windows, does that need to be 2hr rated also?
Yes.
12. 3/M400 the gypsum board and insulation, is that in bid package 3 or bid package 4?
Estes will clarify this in Summary of Multiple contracts.

13. East walls in room 1000, 1002, and 1006 are existing gypsum board walls. Are these being demolished? If not would that furred wall in room 1006 be necessary?
Correct, they are existing gypsum board furring walls and plan to replace the 1006 walls to be sure they are plumb and not all cut/patched with the new plumbing.

14. Could you clarify what style of digital power meter is being requested for the MDP? Is it to be external or installed in to the MDP? Below is all the detail we get:

2.3 (DPM) DIGITAL AC POWER MONITOR:

- A. Capable of measuring, calculating and directly displaying; Volts (L-L, L-N), Amps, KW, KWH. Monitor shall be true RMS measurement with programmable set-up parameters. All setup parameters data shall be stored in non-volatile memory to protect from power outages.

(EXTERNAL TYPE, because the switchboard is existing – fyi, a clarification has been added in addendum #2)

15. Are the exterior Sika Emseal Joint expansions located at transitions between steel stud framed wall and CMU clock walls? Can we get the locations called out in the addendum?

The expansion joints are located at each addition, separating the new addition from the existing buildings at the floors, walls, and ceilings.

16. Got in to the detail on the lower level dental plan. I don't see any info on the table in Materials Lab 1001C. Are we going to have to cut the receptacles in to that table or will that table be supplied with the receptacles already installed and we will just need to wire the connections?
EC to furnish and install the receptacles in the table per the note for those table outlets. It is expected that EC needs to cut the holes in the table to install the EC furnish outlets. (FYI, no additional clarification is needed on the power sheet for this scope).

17. What is the expectation for Science Casework (I don't see any Lab Casework Spec. Only talk about P.Lam. Casework (Is it supposed to be P.Lam. Lab Casework?) Elevations say Science Lab WOOD Casework? Do we need a spec for the wood cabinets.

12 35 53 LABORATORY CASEWORK EPOXY COUNTERTOP Specification section added via this addendum.

18. 3" Standpipe for SP-2, is a vent required? If so, please show location.

Refer to addendum drawings.

19. Drawing P200 shows underfloor compressed air and vacuum piping. The specifications do not call out anything specific for routing these systems underfloor. Please verify if carbon steel pipe for the compressed air system and copper pipe for the vacuum system is acceptable for underfloor. Should these piping systems get wrapped?

Refer to addendum drawings.

20. Drawing P200 shows acid waste piping appears to be going to dental chairs and possibly sinks in the area. What connections are required at these locations (traps, direct connection, etc.) Also there doesn't appear to be any venting for these locations, are vents required?

Refer to addendum drawings.

21. Are there cutsheets available for the dental equipment?
Yes, refer to the attachment.
22. All natural gas piping shown to the DOAS and RTU is shown as 2", please verify if this size is correct.
Refer to addendum drawings.
23. Would it be possible to use galvanized pipe for the exposed natural gas piping, or are we required to paint it?
Refer to addendum drawings.
24. See attached Mech 0227. Can we get a clarification of what height the block wall will terminate and what the jogged wall is to be constructed with ? If it's to be a drywall Shaft wall , what size framing members are required ? Is it to be finish taped and painted ?
Per RCP the block wall needs to be minimum 10' AFF for the ceiling then can jog above ceiling with wall type B patriation or D shaft wall are acceptable. Finish to be taped and painted.
25. Should there be bulkheads or soffits in the corridors to separate the ACT.
At changes in corridor ACT directions, utilize Armstrong Field Transition pieces 1-1/2" wide.
26. Can we use Dow froth pak in lieu of spray foam?
No formal substitution request was submitted. Will accept Dow Froth Pak if meets all aspects of the specifications and project requirements.
27. SP-1 and SP-2 descriptions in the plumbing material list on drawing P600 appears to note many options. Can these options get edited to what is required for the project? (Controls- 1 vs. 4X enclosure and the basin lid and lifting options will need to be specified.)
Refer to addendum drawings.
28. There appears to be an existing hose bibb on the north side of the existing building. Is this to remain or will it need to be removed? If it is to be removed, will a new hose bibb on the addition be needed
Refer to addendum drawings.
29. Below is a clip from M102 from Addendum 1 with a few HVAC questions on it.
Refer to addendum drawings.
30. There were still some wall types that didn't make it on the addendum 1, can we get tags on the dental area?
Yes, refer to the floor plans.
31. What are the floor to floor heights?
Mid Level 17'-4" to 17'-8" sloped roof with 20" deep double tees
Lower Level 12'-2" up to 20" double tees
Second Floor 10'-4" up to 20" double tees

32. Note 5 on E100 says to run a 1" spare conduit for future data cabling to building sign. Where is this conduit supposed to run to?
Addendum #2 will have clarification for this. (fyi, run to ceiling space in Mechanical room-0227).
33. E211 sheet note #1 says "provide architectural surface raceway to install the new device on existing wall" refer to detail 1/E400. Keynote #12 references same detail. This detail on E400 DOES NOT tell us what type of raceway to use?
The basic minimum type Architectural surface raceway is identified as ASR type in the Conduit Installation Schedule located on the electrical cover sheet as well as in the Surface raceway Specifications, if no special tag for surface raceway is provided. Any special type, different from general ASR, needed at any particular instance will have a type tag provided on the power plans (for example - keynote 12 asks for WW-1 type surface raceway). (FYI, no additional clarification will be issued in Addendum #2 for this).
34. 03 30 00 – 15 O. shows the concrete package replacing all concrete from other trades. Who is responsible for all floor cutting and who is responsible for all floor patching Electrical wise? It seems to be shown in multiple places.
This is addressed in the Summary of Multiple Contracts via an allowance in the electrical bid package.
35. E701 panel schedules for existing panel P1 has 3 breakers notes "RNWB" however there is no denotation this panel and or any of the other panels that I can see what this means?
This RNWB tag shall be revised as "NWB" tag where applicable for panel P1 circuits. (fyi, the clarification is added in addendum #2 narrative, no revised sheet issued for this).
36. Note 4 on E100 has a HH-1 hand hole and the detail for this hand hole is on E400 detail 6. There is no size shown on this detail or E100?
Minimum size is typically noted in the specification section covering the Handhole

ATTACHMENTS:

ADD#2_STRUCTURAL

ADD#2_ARCHITECTURAL

ADD#2_MECHANICAL

ADD#2_PLUMBING

ADD#2_ELECTRICAL

ADD#2_TECHNOLOGY

Dental Equipment Reference Drawings (Reference Only)

08 71 00 - DOOR HARDWARE

01 12 13 Summary of Multiple Contracts for Allied Health for Addendum 2

SCC Allied Health – Bid Schedule 7.29.22

12 35 35 LABORATORY CASEWORK EPOXY COUNTERTOPSS AND ACCESSORIES

Substitution Requests

END OF ADDENDUM #02

SCOTT COMMUNITY COLLEGE – BELMONT CAMPUS

ALLIED HEALTH ADDITION & REMODEL (CTE)

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