Addendum #4

B12/9780

Northwest Campus New Building Expansion

SPECIFICATIONS for
Northwest Campus New Building Expansion

Dated: September 11, 2012

This Addendum supplements and amends the original Specifications and Drawings, dated August 30, 2012, and shall be taken into account in preparing Bids, and shall become part of the Contract Documents. In case of conflicts between the Specifications, Drawings, and this Addendum, this Addendum shall govern. Careful note of this Addendum shall be taken and all trades affected shall be fully advised for performance of the work. Acknowledge receipt of this Addendum in the space provided on the proposal form. Failure to do so may subject bidder to disqualification.

Item #1. Mechanical Sketches and clarifications referenced in Addendum #1

End of Addendum #4
ADDENDUM

The following clarifications, additions, and/or deletions shall be incorporated into the plans and specifications for the above project and shall be part of the contract documents. All other provisions shall remain unchanged.

DRAWING ITEMS:

1. Sheet M1.2: Added smoke dampers to the smoke partitions. Provide low leakage smoke dampers with blade seals and duct mounted smoke detectors for each damper equivalent to Ruskin SD35 or SDRS25. Refer to sheet XM-1.

2. Sheet M1.2: Added smoke dampers to the smoke partitions. Provide low leakage smoke dampers with blade seals and duct mounted smoke detectors for each damper equivalent to Ruskin SD35 or SDRS25. Refer to sheet XM-2.

3. Sheet M1.3: Added smoke dampers to the smoke partitions. Provide low leakage smoke dampers with blade seals and duct mounted smoke detectors for each damper equivalent to Ruskin SD35 or SDRS25. Refer to sheet XM-3.

4. Sheet M1.3: Added smoke dampers to the smoke partitions. Provide low leakage smoke dampers with blade seals and duct mounted smoke detectors for each damper equivalent to Ruskin SD35 or SDRS25. Refer to sheet XM-4.

5. Sheet M6.1: Revise note on detail 5 to read as follows:

   Install sash position sensors similar to Phoenix Controls, Seimens, or TSI. Coordinate with fume hood manufacturer. Sensors shall be capable of monitoring both the vertical and horizontal sash positions. Typical of 3 in room 300 for each fan for a total of 6 hoods.

6. Sheet P1.2: Revised sewer and rainwater piping for area drains. Refer to sheet XP-1.

7. Sheet P1.2: Revised sewer and rainwater piping for area drains. Refer to sheet XP-2.

8. Sheet P1.3A: Added sewer and vent piping to island sinks in Organic Chemistry room 300. Refer to sheet XP-3.


10. Sheet P1.3A: Revised rainwater piping for area drains. Refer to sheet XP-5.


13. Sheet P1.1 of the TI drawings: Add the following note 5 to the Plumbing General Notes:

5. The buildings contain an existing wet pipe sprinkler system. The contractor shall modify the systems as required to conform to the new architectural floor plan. Location of sprinkler heads shall be coordinated with the architectural reflective ceiling plan. The system provided shall comply with all requirements of NFPA, local and federal codes which govern such work. Contractor shall submit shop drawings for approval by the governing agency.

SPECIFICATION ITEMS:

1. Specification Section 220523: Change the following paragraph to read as follows:

2.4D. Natural Gas Service
1. Provide conventional port, brass ball valve with brass trim and threaded ends, 400 psi CWP rating, 150 psi SWP rating, PTFE or TFE seats, brass stem, brass ball with hard chrome plate. Quarter-turn (closed to fully open) design, yellow vinyl-coated steel level handle requiring less than 5 lbs pressure to operate. Ball valves shall be in compliance with NFPA 54, UL listed and AGA/CGA certified for natural gas service. Manufacturers: Nibco, Apollo, or approved equal.

2. Specification Section 220719: Add the following paragraph:

3.2J. Industrial hot water supply and return piping shall be insulated in the same manner as domestic hot water supply and return piping.

3. Specification Section 226313: Change the following paragraph to read as follows:

3.2B. Vacuum Piping: Test and prove airtight under an air pressure of 50 psig for a period of four (4) hours and bubble test all joints with soap solution. Following pressure test, perform vacuum hold test pressure of 25” Hg for a period of four (4) hours with a maximum vacuum degradation of 1.25” Hg allowed. Repair all leaks and re-test system until proven airtight.

4. Specification Section 230719: Add the following paragraph:

3.2J. Provide a minimum 12” long, high density insulation insert such as calcium silicate or its equivalent at each support. Insert shall be the same thickness as adjacent piping.
PLUMBING PLAN - SECOND FLOOR

SCALE: 1/8" = 1'-0"

JOB NO: 1106.000
DATE: 10.03.12
1. PLUMBING PLAN - SECOND FLOOR

Scale: 1/8" = 1'-0"
PLUMBING PLAN - THIRD FLOOR - SOIL

SCALE: 1/8" = 1'-0"

addendum # 1

drawing title

PARTIAL PLUMBING PLAN

2ND FLOOR

JOB NO: 1106.000
DATE: 10.03.12

SHEET NO XP-5
SOIL AND VENT RISER

3" CW rise on wall w/SOV @ 60" AFF.

3" CW (UG), see site plan for contin.

4" S DN. FROM 3RD FLR.

1-1/2" V

2" WCO @ 1'-0" AFF

3" WCO @ 1'-6" AFF

1-1/2" V

3" WV

4" WCO 18" AFF

FD

4" S

1-1/2"

3" VR

2" V

2" V

1-1/2"

FD

P1

P2

P3

P4

P4

P4

P5

P6

addendum #
1
drawing title
PARTIAL PLUMBING ISOMETRIC

DATE: 10.03.12

JOB NO: 1106.000

PIMA COMMUNITY COLLEGE
NORTHWEST CAMPUS BUILDING EXPANSION
Tucson, AZ

bws ARCHITECTS

BURNS WALD-HOPKINS SHAMBACH ARCHITECTS
261 North Court Avenue
Tucson, Arizona 85701
520.795.2705  Fax 520.795.6171
www.bwsarchs.com