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WAYNFLETE LOWER SCHOOL - ADDENDUM #2

date:	Monday, February 06, 2017	
project:	Waynflete Lower School Addition & Renovations, 2013-0050	
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Subject:	Addendum #2 to Bid Documents of January 12, 2017	

ADDENDUM #2

This addendum revises the Drawings and/or Specifications as described below and becomes a part of the Contract Documents. The contractor will be held to do all work required for the full completion of the work described, including all work incidental thereto or necessary to complete the work properly, even though not specifically mentioned.
The original General Conditions shall govern all work unless specifically exempted or modified herein.

This Addendum consists of the following:

Addendum #2	7 pages
Specification Sections:	
Additional Information:	
Founders Asbestos Survey (Feb 01 2017)	5 pages
Additional Information: Thermal Seal Wing Nut Product Data	1 page
Revised Excerpt: Section 238126 – Variable Refrigerant Volume Systems	6 pages
Section 270528 – Pathways for Communications Systems	4 pages
Section 271300 – Communications Backbone Cabling	13 pages

Section 271500 – Communications Horizontal Cabling 10 pages

Revised Sheets: 10 sheets
A611R, S1.3R, E000R, EL101R, EL102R, EL103R, EL500R, EP101R, EP501R, EP601R

Sketches:
SKA-01, 02, 03, 04 / SKP-01 / SKM-01 6 pages

62 total pages

Indicate receipt of this addendum on the Proposal/Bid Form where indicated.

QUESTIONS:

2-Q1	Question 1	Q: Wall Assembly #1 lists "Through-body Fiber Cement", but in the accepted VE items we substituted painted Hardi panels for this product. As stated in our previously submitted Comments Log (issued 1-18-17), Spec. Section 07 46 46 Fiber Cement Siding has not been issued yet. A: Fiber Cement panel mentioned in Wall Assembly #1 refers to Fiber Cement Siding, Basis of Design : James Hardie, Hardie Reveal 2.0 Panel. Specification Section 074646 for Fiber Cement Siding added to Project manual as item 1-S10 of Addendum #1.
2-Q2	Question 2	Q: 2. Wall Assembly #1 lists "Rain Screen System – Strapping & EPDM Gasket", but in the accepted VE items we carried Hydrogap Breather and no strapping. A: Strapping is being used in conformance with the Hardie Reveal 2.0 Panel System.
2-Q3	Question 3	Q: 4. Detail 7/A401 states "Typical Venting Trim" at the fiber cement siding. We carried typical solid Fry Riglet trim extrusions. Please clarify. Is the Fry Riglet trim to be clear anodized or painted the same color as the panels? A: All trim pieces used with the Hardie Reveal 2.0 Panel System are part of the siding system and supplied through the siding manufacturer. Trim pieces to be field painted with the siding panels.
2-Q4	Question 4	Q: Are the SIP panels on the Roof that are listed on S1.3 & S1.4 coming prefab by others? A: Yes. SIPS are prefabricated and by others.
2-Q5	Question 5	Q: S1.3 and S1.4 does the CFMF over frame refer to the SIP panels? A: CFMF is a reference to the cold formed metal framing roof crickets.
2-Q6	Question 6	Q: Are the SIP panels on the walls being supported on the light gage framing or the structural steel? A: SIPS connect to and are supported by the CFMF.
2-Q7	Question 7	Q: Drawing A401 Detail 2 indicates a wrapped column condition as typical. Details 7 and 8 on the same page do not show a wrapped column condition. Where does Detail 2 occur? A: Detail 2 / A401 occurs only at exterior columns with the exception of Col. J11. Interior columns receive a painted finish.
2-Q8	Question 8	Q: Drawing A133: There is a fire rated ceiling listed for Stair S3-2. Is there a UL listing for this ceiling we should follow? A: See SKA-04 included herein.

2-Q9	Question 9	Q: Drawing A131 multiple ceilings require a 1 hour rating. Is there a UL listing we can use for building these ceilings? A: See SKA-04 included herein.
2-Q10	Question 10	Q: Drawing A103: North wall of Classroom 211 shows Section Marker 7 on A313. This does not exist on A313. A: See A313R issued under Addendum #1.
2-Q11	Question 11	Q: Drawing A103: Will a shaft wall system be required between Stair S5-2 and Closet 204A? None indicated. A: Shaft separating S5-2 and 204A to be constructed with shaft wall assembly.
2-Q12	Question 12	Q: Drawing A102: Note at the exterior wall in the Founders Building "See Wall Assembly #5 on A311" there is no Wall Assembly #5 on A311. A: Please see 1-D15 from Addendum #1.
2-Q13	Question 13	Q: Drawing A102: North wall of EC Performance Space indicates a recessed area. Is this millwork or GWB and framing? No wall type indicated. A: This construction is to be GWB and framing.
2-Q14	Question 14	Q: Drawing A102: North wall of Teachers Office 116 seems to show an additional wall. No wall type indicated. A: Provide S4/01 assembly on finished side of fire rated partition S4/02.
2-Q15	Question 15	Q: Drawing A102: Any framing or GWB required for cubby units in EC Classroom 114D? A: Cubby units in 114D are to be millwork assemblies.
2-Q16	Question 16	Q: Drawing A102: Wall between Stair S5-1 and Cubbies 101A indicates a double wall system. Please clarify wall type required. A: Provide S4/01 assembly on finished side of fire rated partition S4/02.
2-Q17	Question 17	Q: Drawing A102: Wall between Stair S5-1 and HC Toilet 106 indicates a double wall system. Please clarify wall type required. A: Provide S4/01 assembly on finished side of fire rated partition S4/02A.
2-Q18	Question 18	Q: Drawing A102: Will the shaft between K-1 Entry 104 and HC Toilet 106 require a shaft wall system? A: Yes.
2-Q19	Question 19	Q: Drawing A102: Will the shaft between Stair S3-1 and Faculty Support Office 102 require a shaft wall? No wall type indicated. A: Shaft construction on Office side of Stair wall is to be shaft wall assembly, with finish face per S4/04A as indicated.
2-Q20	Question 20	Q: Drawing A102: Will the Resource Deck 120B require metal framing and GWB? A: This desk to match assembly of Reception Desk. See 6/A532, sim.
2-Q21	Question 21	Q: Drawing A101: Will Hashed area at Col Lines G-5 be covered with framing and GWB? A: Wall assembly M1/01 to be used at all perimeter foundation walls, typ, uno.

2-Q22	Question 22	Q: Drawing A101: Will there be GWB on the foundations walls at Stair S6-0? No wall type indicated. A: Wall assembly M1/01 to be used at all perimeter foundation walls, typ, uno.
2-Q23	Question 23	Q: Drawing A101: Will the exposed block at Elevator A at Corridor 009 require GWB? No wall type indicated. A: Wall assembly S2/01 is to be used this location.
2-Q24	Question 24	Q: Detail 5 on A312 is showing a Direct Applied Finish to the exterior ceiling. I cannot find where this is listed in the spec. Can I get a clarification on what we should use for this? A: "Direct Applied Finish to Exterior Ceiling" refers to Section 092900-3, 2.5 Exterior Gypsum for Ceilings and Soffits.
2-Q25	Question 25	Q: Dwg l-102 cast in place stair What type of reinforcing is required ? A. At cast in place stair use #4 reinforcement at 12" OC each way. Use #4 as nosing bars.
2-Q26	Question 26	Dwg l-101 dumpster pad What type of reinforcing is required ? A: At Dumpster Slab, use #4 reinforcement at 12" OC each way.
2-Q27	Questions 27	Q: EL500, there is no wiring diagram detail that corresponds to Keynote 9. Keynote 9 is used in several locations. Are we to wire room 205 (EL103) as 1 multi-zone room or as 5-6 individual rooms; typical of other classroom wings? A: Each separately tagged room with a lighting control note tag shall be wired as an individual room. Refer to attached revised lighting drawings for further information.
2-Q28	Question 28	Q: I see a Generator and ATS on EP500 but no spec in Div 26; will a specification be provided? A: Drawing EP500 indicates the basis-of-design generator and specifies the enclosure and performance level for the generator and automatic transfer switch. No specification section will be provided.
2-Q29	Question 29	Q: ES101; Please provide more info on the UG electrical structures? a. Should we provide a standard 4x6 CMP manhole on the primary run (handbook illustration 34)? b. Should we provide a 7' CMP T-pad, or the 9' ? c. Is the "square H" in the telecomm service a 36" Quazite box or a 4x4 precast box or something else? d. Are the "circle H's" in the Gym-refeed to be 36" Quazite boxes? i. Is the intent to provide new conductors from Pad-T to Gym, or can reuse the existing conductors to the extent possible with a splice in the handhole? A. a. Coordination with the utility is the responsibility of the Contractor. However, our understanding is that CMP requires a 38Y manhole, which is 7' x 12' x 8' deep. b. Coordination with the utility is the responsibility of the Contractor. However, our understanding is that a 7'x7' transformer base will be required. c. The "square H" is a Handhole sized per NEC for the number and size of conduits, but not smaller than 18"x 36"x 24". Underground enclosure application is specified in Article

3.3 of Section 260543 – Underground Ducts and Raceways for Electrical Systems. As specified, polymer concrete handholes, such as manufactured by Quazite, of the specified structural load rating are appropriate for parking lots and driveways.

d. Please see response to Question 'c' above. The "circle H" is intended to be the same symbol as the "square H".

i. Existing conductors shall be permitted to be re-used with a splice in a handhole provided the existing conductors are sized in accordance with code and comply with the product specifications in the Contract Documents.

2-Q30 Question 30

Q. Will you have a crane onsite to set the generator on the roof; or should I cover that? I'm sure Cote can offer some solution, but it looks difficult to figure out how to get a crane close enough. The unit is only 500# though.
A. The Contract Documents call for fully-functional systems. Installation of the generator on the roof is a matter of Contractor's means and methods.

2-Q31 Question 31

Q. The plans (A411 Section 11 and 15) shows metal through wall flashing with a leg that runs up wall 8" but Specs 042000 2.9A.1 calls for back edge turned up 1.5". Please Clarify
A. Provide 1.5" back edge at a minimum, unless otherwise indicated in dwgs.

2-Q32 Question 32

Q. Windows 03, 07, & 10 have masonry sills but there is no detail that shows how it is to be constructed. Please clarify these sills or provide a detail.
A. Windows 03, 07, & 10 to have extruded metal window accessory sills by window manufacturer in finish to match windows. Detail similar to 6 / A611Rwith 8 ½" projection.

2-Q33 Question 33

Q. The Masonry Veneer anchors as specified Hohmann & Barnard 2-Seal Tie (wing nut) the biggest cavity it is made for a 4" Insulation thickness and not the 6" insulation for this project. Please clarify what to use for anchors.
A. Hohmann & Barnard report that they now have the 2-Seal Tie (wing nut) for a 6' insulation system. See attached catalog sheet.

2-Q34 Question 34

Q. Are we only doing the bathrooms on A-511? or are we also doing 016,122,213,1214,19?
A. All bathrooms, toilets, or washrooms as indicated in plans A101, 102, 103, A141, A142 and A143, and on finish schedule shall be provided beyond typical examples and notes shown on A511.

2-Q35 Question 35

Q. The Specs show one kind of water closet and the schedule says something different. Which we going with?
A. See SKP-01 included herein.

SPECIFICATIONS:

2-S1 Table of Contents

In Table of Contents, Division 27 – COMMUNICATIONS:
Add: "Section 270528 – Pathways for Communications Systems
Section 271300 – Communications Backbone Cabling
Section 271500 – Communications Horizontal Cabling" to TOC

2-S2 Section 003100-1

Under Available Project Information
Add: E. Additional Asbestos in Founders by Safe Environmental Solutions dated February 1, 2017.

2-S3 Section 062013-2

Under 2.2 Standing and Running Trim:
Add: A. Synthetic Trim: Extruded composite consisting of bio-based polymer with coal-combustion ash.

1. Product: Subject to compliance with requirements, product that may be incorporated into the Work include the following:
   a. Boral Composites, Inc.; TruExterior® Trim.
2. Density: ASTM C 1185: 40 to 50 pcf.
3. Heat Deflection Temperature: Not less than 130 deg F, per ASTM D 648.
4. Coefficient of Thermal Expansion: ASTM D 6341, Typical: 1.40E-05 in/in/degree F, tested at minus 30 to 140 degreesF.
5. Water Absorption: ASTM D 570: Less than 1.5 percent.
6. Flame Spread: ASTM E 84: Between 25 and 29.
7. Smoke Developed, ASTM E 84: Less than 450.

2-S4 Section 079500-3

Under 2.3 Interior Expansion Control Systems, E. Wall to Wall, 1.:
Change Basis of Design from Model ASM-300 W/FB to Model ASM-300S W/FB.

Under 2.3 Interior Expansion Control Systems, E. Wall to Wall, 2.:
Change Basis of Design from Model SF-300 to Model ASM-300S.

Under 2.3 Interior Expansion Control Systems, E. Wall to Wall:
Add: . 3. Wall to Wall at Corners: Basis of Design: Construction Specialties; Model ASMC-300S with fire block.

2-S5 Section 079500-3

Under 2.4 Exterior Expansion Control Systems, C. Wall to Wall, 1.:
Add Notes: a. Provide factory fabricated miter joints at continuous horizontal /vertical joints.
b. Provide manufacturers adhesive for corner conditions where mechanical fastening is not possible.
c. Provide field formed flexible base closure at joint end.
c. Paintable finish.

Under 2.4 Exterior Expansion Control Systems, D. Roof to Wall, 1.:
Change Basis of Design from Model RJTW-200 W/RFX-2F GYB.
to Model SRJW-300 W/FB.
Add Notes: a. Provide formed aluminum end caps art roof to wall finish transitions.
b. Paintable finish.

2-S6 Section 238126

Under Section 3:
Delete: Paragraphs 3.3, 3.4, & 3.5
Add: Replacement paragraphs 3.3, 3.4, & 3.5 attached.

2-S7 Section 270528

After page 265219-6:
Add: Section 270528 – Pathways for Communications Systems
(new section included herein).

2-S8 Section 271300

After new section 270528:
Add: Section 271300 – Communications Backbone Cabling
(new section included herein).

2-S9 Section 271500

After new section 271300:
Add: Section 271500 – Communications Horizontal Cabling
(new section included herein).

DRAWINGS:

2-D1	Sheet AD101	At General Demolition Notes: Add: 14) Prior to the demolition of the wood framed connector building north of Hewes Hall, salvage, remove and store the decorative wood scroll brackets at the roof eave. Salvage, remove and store raised wood quoins at corners.
2-D2	Sheet A401	At Detail 2 / A401, Change drawing title from "Typ. Column Cover Detail" to "Typical Exterior Column Cover Detail" Add note: "This detail applies to all exterior column with the exception of Col. J11."
2-D3	Sheet A611R	Replace drawing sheet with revised sheet A611R, issued 2/6/2017.
2-D4	Sheet S1.3R	Replace drawing sheet with revised sheet S1.3R, issued 2/6/2017.
2-D5	Sheet E000	Replace drawing sheet with revised sheet E000R.
2-D6	Sheet EL101	Replace drawing sheet with revised sheet EL101R.
2-D7	Sheet EL102	Replace drawing sheet with revised sheet EL102R.
2-D8	Sheet EL103	Replace drawing sheet with revised sheet EL103R.
2-D9	Sheet EL500	Replace drawing sheet with revised sheet EL500R.
2-D10	Sheet EP101	Replace drawing sheet with revised sheet EP101R.
2-D11	Sheet EP501	Replace drawing sheet with revised sheet EP501R.
2-D12	Sheet EP601	Replace drawing sheet with revised sheet EP601R.

SKETCHES:

2-SKA-01	SKA-01	Exterior Expansion Joint Section Detail
2-SKA-02	SKA-02	Exterior / Interior Expansion Joint Plan Detail
2-SKA-03	SKA-03	Interior Expansion Joint Section Detail
2-SKA-04	SKA-04	Floor / Ceiling Assemblies
2-SKA-05	SKP-01	Revised Schedule - Sheet M600
2-SKA-06	SKM-01	Added Thermostats – Sheet MP103