

ADDENDUM NO. 4

TOWN OF WINDHAM INTERMODAL TRANSPORTATION CENTER



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DATE SENT: June 24, 2019
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DISTRIBUTION LIST

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The Addendum is issued initially to the Town of Windham. The Town of Windham shall issue the Addendum to all bidders who have requested / will request the bid documents.

The above referenced Addendum follows. Please contact above if there are any questions.

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DATE OF ISSUANCE: June 24, 2019 WALKER PROJECT #: 16-2958.00
OWNER: Town of Windham

The attention to bidders submitting proposals for the above project is called to the following addendum to the specifications and drawings. The items set from herein, whether of omission, addition, substitution or clarifications are all to be included in and form part of the proposal submitted. This addendum shall take precedence or provide clarification.

The number of this addendum must be entered in the appropriate space on page one of the bid forms entitled (SECTION TITLE).

GENERAL QUESTION RESPONSES / COMMENTS

1. Question – Please name additional approved soil disposal facilities since facilities listed in the spec are either close and/or the analytical exceeds their requirements.
 - a. Response – Any material removed from the site shall be disposed/reused at a licensed/permitted facility.
2. Question - Will additional analytical be collected before the project commences? The analytical provided is from 2013. Facilities typically only accept analytical data less than a year old.
 - a. Response – The contractor shall be responsible for conducting waste profiling as required by the selected off-site disposal/reuse facility.
3. Question – Dwg A-410, Elevator No. 1: A 14" CMU wall is shown and is to be Ground Face CMU per Spec Section 042000. A. Jandris % Sons has informed us that they do not make a 14" Ground face CMU block and therefore cannot quote it. Please advise what to use in place of this.
 - a. Response – All 12" ground face CMU shall be used instead of 14".
4. Question - What is the intended use for the space at the ground tier level beneath the precast parking structure between grid lines A/3 to 5 and B/3 to 5? The cross section details indicate an unfinished condition at grade. Please advise.
 - a. Response – There is no use for that space. It is unfinished, unoccupied dead space.
5. Question - In the Architectural Plans, Electric Vehicle Charging Stations are noted on Tiers 2, 3, & 4 (A-102 to A-104). In the Electrical Plans, Electric Vehicle Charging Stations are only detailed on Tier 2 (E-102). Please clarify the intended locations for Electric Vehicle Charging Spaces as the electrical and architectural plans conflict.
 - a. Response – There shall be only 1 charging station on Level 2. Disregard notes on Levels 3 and 4. The charging station is a dual charger servicing 2 spaces.

6. Question - Reference notes on A-104 & A-105, "Paint Parking Space Number on the Vertical Face of the Spandrel at 3FT Above the Ground on This Side of the Garage." Please clarify which spaces are to receive a painted parking space number on the vertical face of the spandrel at 3 FT above the ground.
 - a. Response – This is for all spaces open to sky above. This is all spaces on A-105 and all spaces on A-104 except for the spaces in the area between column lines A to B and 3.6 to 6. The intent is to have the space number visible in the event that there is snow on the roof level (space numbers are necessary for parking payment purposes).
7. Question - Reference response to question #14 in Addendum 2. "The Contractor shall include replacing this handhole with a new handhole of similar size to match the new grading of the area."
 - a. Is the existing handhole to be replaced in the same location within the proposed garage footprint? Or will the new handhole be installed in a different location? If so, please indicate the proposed location for the new handhole.
 - b. Are the existing parking lot lights to be kept in service during construction?
 - c. Are there any existing powerlines or conduit connected to the existing handhole that shall be protected during construction?
 - d. Response – After further review with the civil engineer, this handhole will not be required after the existing parking lot lights are taken off-line. Per the construction documents, the new street lights / lot lights and existing street lights to remain will be serviced by the new parking structure. The parking lot lights will not be kept in service during construction. The existing power lines and conduits do not need to be protected during construction with the exception of conduit and lines that will be reused for existing lights to remain that will be connected to the new parking structure.
8. Question - Reference Stair / Elevator No.1 Enlarged Tower Roof Drawing A4/S-411. Section D3/S-570 indicates an 8" P/C knee wall and Plan Callout E6/S-570 indicates an 8" cast in place concrete knee wall. Please clarify if the proposed knee wall is to be precast concrete or cast in place concrete.
 - a. Response – The knee wall shall be precast concrete.
9. Question - Reference Note 5 on drawing E-401, "Two 4 inch Concrete Encased Conduits from MDP to Utility Transformer Located Outside Garage at Northeast Corner. One for Power and One Spare. Coordinate with Civil." There is no Utility Transformer indicated outside the garage at the Northeast corner on the bid plans. Please provide the location of the Utility Transformer outside the Northeast Corner of the Garage.
 - a. Response – The text of this note shall be revised from "Northeast Corner" to "Southwest Corner". The utility transformer location is indicated on E-101 near column A/1.
10. Question - Reference note 16 on drawing C-101, "Existing Grease Trap Tanks shall be Abandoned in Accordance with the Connecticut State Health Code Requirements and shall be Coordinated with the Town of Windham Health Department and

Engineering Department. Permits will be required from both departments." It does not appear that existing grease traps are indicated on the bid plans. Please provide the quantity and locations of the existing grease traps referenced in note 16 to be abandoned.

- a. Response - Note 16 on drawing C-101 is a standard note. There are no known grease traps located within the project limits.

11. Question - Reference Specification 111226 Parking Control Revenue System, Section 2.1 "System Description". Subsection A states, "The intention of this specification is to integrate new pay-by-space MSM's in the proposed parking structure. All existing software and systems shall be upgraded/updated to allow for this expansion." Please define what existing systems are in place that you would expect updates on. If existing software and systems are proprietary to the existing vendor, this could pose an issue to be able to complete the intended upgrades.

- a. Response – Disregard this note regarding existing software and systems; integration with an existing system is not required.

12. Question - Reference Specification 111226 Parking Control Revenue System, Section 2.1 "System Description". Subsection B states, "Provide all necessary components and materials to expand the Town's existing MSM system to the proposed Parking Structure: Ten (8) pay-by-space MSMs." Please clarify how many MSM's are required. Please note, it appears 7 MSM's are detailed in the Electrical Plans.

- a. Response – Provide 7 MSM's in the locations indicated on the Architectural and Electrical Plans.

13. Question - Reference Specification 111226 Parking Control Revenue System, Section 2.1 "System Description". Subsection B specifies two products, Strada Evolution and MS1. Is the Town of Windham open to accepting alternate MSM products that will meet or exceed the specifications?

- a. Response – An alternate product is acceptable provided it meets the specifications and is demonstrated to be an equivalent system to the products specified.

14. Question - Please clarify what type of communications cabling is required for the security cameras (i.e. CAT 5, etc...).

- a. Response – The intent of the specification is to be provide a fully operational system; the cabling shall be as required for the system's operations. Cabling shall be type CAT 5e for the purpose of bidding unless the contractor determines a higher performance cable category is required.

15. Question - Will the Town of Windham be providing contract duration for the construction of this project? If not, how is the Town of Windham comparing bids when each bidder will likely submit different contract durations?

- a. Response – As previously addressed in Addendum No. 1 and Specification Section 001116 subsection 10.24, award will be based on the lowest responsible

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and qualified bidder. Bids will be compared on the basis of cost. The construction duration shall be proposed by the Contractor.

16. Question - Reference Specification Section 004100, Part 3 - "Attachments". Please clarify an exact list of what the Town of Windham expects to receive with our bid.

- a. Response – The following are required at the time of bid:
 - i. Bid security
 - ii. 004100 – Bid Form
 - iii. 004100 - Bidder Contract Compliance Monitoring Report
 - iv. 004100 - State of Connecticut Non-Discrimination Certification
 - v. 004300 – List of Alternates
 - vi. 004300 – List of Unit Prices
 - vii. 004300 – Non-Collusion Affidavit
 - viii. 004300 – List of Subcontractors (required per CHRO Bidder Contract Compliance Monitoring Report)

17. Question - Reference Specification Section 005200 Contract Requirements/Agreement Form. Subsection 1.4 states, "Liquidated Damages will not be included in Article 3 of agreement." Are there liquidated damages included in this contract? If so, what are they and what schedule will they be based upon?

- a. Response – Liquidated damages are required for this project. Refer to Specification Section 001116 subsection 10.20.

18. Question - Reference Specification Section 007300 Supplementary Conditions, Subsection 1.10 SC-3.18 Indemnification. We request that this entire 1.10 Section of the Supplementary Conditions which modifies section 3.18 of AIA document A201-2017 be struck in its entirety. This indemnification and limitation of liability clause unfairly shifts design risk onto the General Contractor.

- a. Response – No, this section of 007300 will not be struck.

19. Question - Reference Addendum 2 Clarification #4. Holding 2% of the \$6M Grant provided by the Connecticut Department of Economic and Community Development for an undefined and extended period of time is vague and does not seem to be a fair and reasonable clarification. Please provide a defined parameter and duration under which this retainage will be released.

- a. Response – The Connecticut Commission of Human Rights and Opportunities (CHRO) requires this 2% is held until all documentation is reviewed and approved by CHRO. The Town has no control over this process. Timing will depend on how quickly the Contractor submits all the required information to the CHRO for review and how long the review process will take. On a recent project in the Town this process took almost one year. A specific duration cannot be provided.

20. Question - Please reference C-102. Is the area to the right of the parking garage above the 3 tree planters receiving new bituminous paving? There does not appear to be any work specified here besides the dumpster pad and extruded curb.

- a. Response – The Demolition Plan, C-101, calls for the existing pavement in this area to be removed. New pavement consistent with the new parking area to the north is required in this area. Refer to Sheet C-102 and Sheet C-103 for the limits of the proposed paved areas.
21. Question - Drawing C-001 states that contractors shall coordinate directly with utility companies for fees associated with this project. There is a new electrical pole being installed for this project as well as a connection to the existing gas, water and sewer. Prior to construction start it is nearly impossible to get pricing from the utility companies. Can an allowance be established that all contractors carry for utility company connection/impact fees?
- a. Response – Refer to Addendum No. 2, Item No. 15. Similar to the response to this Addendum No. 2 item, the utility connections shall be shall be paid for by the Town as an extra to the project costs. During construction, the Contractor shall coordinate the requirements with the utility company and the cost associated with this work shall be provided to the Town for payment.
22. Question - The Geo-technical report clearly calls for drilled soldier piling around the perimeter of the site and adjacent to the police station. However, the Geo tech states that underpinning may need to be installed. It then goes on to state "However, depending on the proximity of the footing, lateral support during excavation (IE: Soldier piling) may be sufficient." For bidding purposes can contractors assume that the installed soldier piling will be sufficient and underpinning will not be required? Or should underpinning be carried as shown on S-100?
- a. Response - The Geotechnical Report recommends drilled soldier piles and lagging due to the relatively shallow bedrock at the site. Other types of support of excavation may be used provided they meet the requirements of Specification Section 021500. Underpinning will not be required provided the support of excavation is designed to support the existing building footing and meets the requirements of Specification Section 021500, specifically deflection of less than 0.5 inches at existing foundations.
23. Question - Section 034100 - Page 1, Paragraph 1.2.C.1. – This paragraph indicates that the "Strand Guardrail System" is assigned to the precast concrete supplier. Specification Section 051617-"Strand Guardrail System" has specific criteria which appear to be the work of a specialty trade contractor other than the precaster. Precaster does not typically hold the required certifications or provide this scope of work. Local practice is for this scope to be performed by a specialty trade contractor under contract with the general contractor, not by the precaster. Please consider revising, as this is not Industry Standard practice.
- a. Response – The intent of the construction documents is to have the barrier strand work performed by a contractor meeting the qualification requirements of Specification Section 051617. The intent of the construction documents is also for this scope to be assigned to precast contractor, such that the precast contractor would hire a qualified subcontractor to perform this work under their scope. This approach is similar to how the waterproofing scope is assigned to

the precast contractor, requiring the precast contractor to hire a waterproofing contractor to perform that assigned scope. This was done due to the careful coordination and installation requirements will be required between the precast elements, embedded items in the precast, the strand component, and the intermediate structural steel posts anchored to the precast that the strands thread through.

At this discretion of the General Contractor, it shall be acceptable for the General Contractor to delegate the scope the cable barrier system and the structural steel posts (see S-102 to S-105 Sheet Note 13) to other subcontractors provided they perform all the necessary coordination to ensure the system is designed and installed correctly. If the General Contractor choose this direction, they shall provide a letter with their bid stating that they are taking this approach, that they have delegating all scope associated with these systems sufficiently, and there will be no additional costs to the Owner for coordination of these systems during construction.

24. Question - Section 034100 - Page 1, Paragraph 1.2.C.2. & 1.2.C.3. – These paragraphs indicate that the “Water Repellents, Concrete Joint Sealants, and Expansion Joint Sealants” are assigned to the precast concrete supplier. Please clarify, that the precaster is responsible for the scope of work in this section only as it applies to Water Repellents and joint Sealants that are applied to the precast materials, not to other materials or between precast and dissimilar materials.
- a. Response – The intent of this section is to assign all water repellent scope, concrete joint sealant scope, and expansion joint scope that is covered in these specification sections to the precast contractor. This includes, for example, sealants and water repellents in the slab-on-grade and cast-in-place topping areas. These specification sections also require that a single installer is responsible for the scope of these specification sections. If the General Contractor would like to allocate only the precast waterproofing scope to the precast contractor, that is acceptable provided the General Contractor also contracts the same waterproofing installer for waterproofing scope in these specification sections that is not allocated to the precast contractor.
25. Question - Section 034100 - Page 5, Paragraph 1.4.Q. – This paragraph suggests every exterior spandrel on the drawings requires a full height x 6ft wide sample. Please confirm that only two (2) sample panels are required are as indicated on Architectural Elevation Drawings as Sample Panel Areas 1 & 2.
- a. Response – The intent of the documents is to provide two sample panels as indicated on the Architectural drawings. Per this specification section, the intent is to hold these sample panels at the site until production is complete and then shipped to the site to be held there until completion. The intent of these sample panels is to confirm at the plant that the panels produced are consistent with the approved samples before shipment and confirmed again on site before they are erected. If the contractor's production and erection schedule is such that these exterior panels are still being produced while erection is happening, then four

sample panels shall be provided so that two can remain at the plant and two can be shipped to the site.

26. Question - Section 034100 - Page 11, Paragraph 1.6.L.2. – This paragraph indicates that Sample panel shipped to site (if required). Please advise if sample panels are required to be shipped to site.
- a. Response – Yes, sample panels shall be shipped to the site.
27. Page 12, Paragraph 1.6.M. – This paragraph states that the fabricator is required to hire an independent testing agency. This is a highly unusual requirement. Independent Testing Agency is typically provided and paid for by the Owner, not the Precaster. Precaster normally provides its own in plant testing which is done in accordance with the Precast/Prestressed Concrete Institute Plant Certification Program. Please confirm that this is acceptable.
- a. Response – The precaster's own in-plant testing is acceptable instead of an independent testing agency.
28. Question - Section 034100 - Page 15, Paragraph 1.9.A. – This paragraph indicates that the precaster is required to furnish anchorage items embedded in other construction. Please confirm that precaster is only required to furnish anchorage items embedded in other construction as required for erection of the precast. Embeds and connection hardware for subsequent materials and finishes that are attached to the precast are by others.
- a. Response – Refer to S-001, the fourth column of notes, note section "Connection Component Coordination". This section defines the requirements for embedded items in different materials and which contractor the components are assigned to. This is the direction for responsibility of these and will not be revised.
29. Question - Section 034100 - Page 18, Paragraph 2.4.B.1. – This paragraph indicates that the Exterior façade units to have colored concrete by a combination of pigment and white cement. Please provide the specific dosage of pigment and white cement to be used for each color required.
- a. Response – The Buff Limestone shall be assumed to be 100% white cement and up to 3% pigment. The Tan Beige shall be assumed to be 50% white cement and up to 3% pigment.
30. Question - Page 22, Paragraph 2.9.A.2. – This paragraph indicates light weight structural concrete. Please confirm that no precast concrete components require light weight concrete.
- a. Response – There shall be no lightweight concrete.
31. Question - Page 24, Paragraph 2.9.H.5. – This paragraph indicates use of polypropylene/polyethylene synthetic structural fiber in concrete mixes where indicated. We do not find this indicated. Please confirm that use of polypropylene/polyethylene synthetic structural fiber in concrete mixes is not required in any precast concrete components.

- a. Response – The use of synthetic structural fiber is not required; use is at the discretion of the precast contractor.
32. Question - Page 24, Paragraph 2.9.H.6. – This paragraph indicates use of shrinkage reducing admixture in concrete mixes where indicated. We do not find this indicated. Please confirm that use of shrinkage reducing admixture in concrete mixes is not required in any precast concrete components.
- a. Response – The use of a shrinkage reducing admixture is not required; use is at the discretion of the precast contractor.
33. Question - Page 24, Paragraph 2.9.I. – This paragraph indicates Silica Fume Concrete. We do not find this indicated. Please confirm that Silica Fume Concrete is not required in any precast concrete components.
- a. Response – The use of silica fume is not required; use is at the discretion of the precast contractor provided it does not have a detrimental impact on the color of the exterior precast product (IE exterior precast wall panels, spandrel panels, and columns).
34. Question - Page 33, Paragraph 3.2.F. – This paragraph, as written, may suggest that all open spaces at joints require grout. Please confirm that non-structural open joints do not need to be grouted.
- a. Response – Non-structural open joints are not required to be grouted unless otherwise indicated on the drawings.
35. Question - Drawing A-001 – Fire Resistance rating requirements described on this Architectural drawing conflict with the Structural drawing S-001. Please advise which Drawing is correct regarding Fire resistance ratings for precast elements.
- a. Response – All elements are required to have a 1-hour fire resistance rating as noted on S-001. The elevator shafts shall have a 2-hour fire resistance rating.
36. Question - Drawing A-101 – The elevator wall panel along grid '1' is indicated as a 2hr rated precast wall. Please advise if this is correct as it conflicts with Structural Drawing S-001 which indicates a 1hr rating for all precast components.
- a. Response – The elevator shaft shall have a 2-hour fire resistance rating.
37. Question - Drawing A-201 - The concrete color indicated for the 'BUS' band portion of the, stacked, thin brick, precast wall panel on the North Elevation does not match the indicated simulated mortar joint color within the same panel. Mixing two different colors of concrete within the same wall panel requires special attention and detailing. Please advise if it is acceptable to use one color (the CN3 color) throughout the entire panel including the "BUS" band area. If this is not acceptable then another solution would be to introduce a design element that is not currently shown on drawings by providing a 2" deep reveal separating the colors. Please advise how to proceed for pricing?
- a. Response – It is acceptable to use the CN3 color throughout the entire panel including the "BUS" band area.

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38. Question - Drawing A-201 - The CN-1 color finish indicated for the "BUS" band portion of the stacked thin brick wall panel on the North Elevation does not have the same 'graphic representation' (i.e. stippling) as is shown on the adjacent spandrel panels which is also called out to have the same CN-1 color/finish. Please confirm the color & finish required for the "BUS" band area of these panels?
- a. Response – The "BUS" band shall be the CN3 color. Finish shall be a light to medium sand-blast.
39. Question - Drawing A-201 - On the North Elevation; Section cut A7/A-310 between grids 'B/A.4' references Section C5/A-511, which suggests that there are 10' high precast panels below the welded wire fence and gates shown on the North Elevation. Please advise if precast wall panels are required below the welded wire fence and gates.
- a. Response – There is no precast wall panel below the welded wire fence and gates at this location.
40. Question - Drawing A -201 - The CN-1 color finish indicated for the four (4) non-brick band portion of the stacked thin brick wall panel on the West Elevation between grids '3-4', at the Third Level, do not have the same stippling as the lower bottom panel shown with the same CN-1 color finish. Please confirm the color & finish required?
- a. Response – The color shall be CN-1. The finish shall be a light to medium sandblast finish.
41. Question - Drawing A-202 - The concrete color indicated for the simulated thin brick mortar joints at the interior surface of the picture-frame spandrels on the South & East Elevations does not appear to match the color indicated for the perimeter edges of the spandrels. Can the thin brick simulated mortar joint color at the interior surface of the picture-frame spandrels match the concrete color around the perimeter edges of the spandrels; i.e., Red Brick w/ Buff Limestone simulated mortar joints in lieu of the indicated Red Brick w/ Tan Beige simulated mortar joints?
- a. Response – Yes, Red Brick w/ Buff Limestone is acceptable.
42. Question - Drawing A-202 - The Int. Fourth Tier El. On the East Elevation is indicated as 303'-4". Should this elevation be 300'-4"?
- a. Response – Yes, the elevation should be 300'-4".
43. Question - Drawing A-310 Wall Sections indicate precast ledges on precast concrete spandrels. Please advise if precast concrete spot corbels can be used in lieu of ledges.
- a. Response – Spot corbels are acceptable.
44. Question - Drawing A-311 Wall Section A7 indicates the 2nd stacked wall panel at elevation 273'-3". Please confirm that this should read elevation 276'-3".
- a. Response – Yes, the elevation should be 276'-3".
45. Question - Drawing S-001 & S-002 - Embedded plates in the precast for other trades. Only embed plates required by precaster for connection of the precast are supplied and installed by the precaster. Any plate embeds required by other trades are

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designed and furnished by the trade requiring the embed. The precaster will provide labor to install the embeds in the precast. Please confirm this to be acceptable.

- a. Response – Refer to S-001, the fourth column of notes, note section "Connection Component Coordination". This section defines the requirements for embedded items in different materials and which contractor the components are assigned to. This is the direction for responsibility of these and will not be revised.
46. Question - Drawing S-101 Note indicating a knock-out panel in precast "Window" area between grids '4/5' along grid 'A' is not indicated on any of the Architectural drawings. Is a knock-out panel required? If yes please provide additional information on the size and material construction of the knock-out panel?
- a. Response – Yes, it is intended to have a knock out panel in all 4 openings at this level between column lines 4 and 5. The intent is to provide a solid barrier to the unoccupied space with the ability to easily remove the knock-out panels in the future if there is a desired use for this space without jeopardizing the wall panel construction. The intent is for the panel to be precast, minimum of 4" thick, infilling the opening, with connections that can easily broken to remove the panels.
47. Question - Drawing S-101 - Precast concrete curbs - E2 Curb Detail. Please confirm that the precast concrete curbs indicated on this drawing and in E2 Curb detail are not part of the Structural Precast Concrete Garage Scope of Work.
- a. Response – This precast concrete curbs on S-101 are not specifically assigned to the Structural Precast Concrete contractor. The General Contractors can determine who provides these curbs for the project.
48. Question - Drawing S-101 - Sheet Notes #17 - Four strand vehicular guard rail system. The Strand Guardrail System Specifications indicate a firm experienced in producing guardrail strand fabrications with barrier cable system produced in PTI-certified plant and installed by PTI- certified installers. Please confirm that this is the work of a Specialty trade contractor provided by the General Contractor.
- a. Response – Refer to the response provided in Addendum No. 4 Item 23.
49. Question - Drawing S-102, S-103, S-104 & S-105 - Sheet Notes #12 - Four strand vehicular guard rail system. Sheet Notes #13 – Indicates that all components for the intermediate support for the cable barrier system (HSS and embedded weld plates) shall be provided and installed by the precast supplier. This note conflicts with detail D4 on drawing S-502 which indicates that the Barrier Strand Contractor is responsible for cable barrier assemblies. Please confirm that this is the work of a Specialty trade contractor provided by the General Contractor, not by the Precaster.
- a. Response – Refer to the response provided in Addendum No. 4 Item 23.
50. Question - Drawing S-102, S-103, S-104 & S-105 - Layout drawings indicate F.D. for locations of floor drains and refer to Mechanical Drawings for drain types. Smith 2140C-M-B drains are specified on Mechanical drawings for double tee floor drains whereas

Structural drawing S-521 indicates Zurn Model #662 drain assemblies. Please confirm that the Zurn drain is an approved equal.

- a. Response – The Zurn 662 is an approved equal. The high-flow version shall be used for the F.D.-3 drains.
51. Question - Drawing S-103 - Indicates extended tee daps required at the 3rd tier and says to refer to the Mechanical drawings for sizing. Please confirm that a six inch (6") extension to the typical dap is required.
- a. Response – The dap shall provide a minimum of 8" clearance between the corbel / ledge and the precast stem, including the effect of construction tolerance.
52. Question - Drawings S-210 & S-511 Indicate two (2) layers of fencing required at light-wall openings. Standard detail should only require one (1) screen located such that a fall hazard or space greater than 4" does not exist; this achieved by placing the screen in the lightwall opening nearest the face where a fall hazard otherwise would exist. Please confirm if this is acceptable.
- a. Response – One screen in the light wall opening is acceptable provided it satisfies the building code requirements for pedestrian guards (IBC 1015).
53. Question - Drawing S-401- Indicates precast ledges on precast concrete spandrels. Please advise if precast concrete spot corbels can be used in lieu of ledges.
- a. Response – Spot corbels are acceptable.
54. Question - Drawings S-401 - Details A1 & A3 appear to indicate that the brick returns for full thickness of panels. Please advise if the thin brick returns on the panel edges are actually required in either of these details and if it does how far does it return.
- a. Response – Provide 4" brick returns.
55. Question - Drawing S-401 - Detail B3 appears to indicate that the brick returns for near full thickness of panel at window openings where Architectural Drawings say to provide a 4" return brick at window jambs. Please confirm that the thin brick only returns 4" at window jambs as shown on the Architectural drawings.
- a. Response – Provide 4" brick returns.
56. Question - Drawings S-411 Interior Elevator (North Wall) is indicated as a 14" thick CMU at all levels except for the tower roof level indicated in detail A1 which calls out for a precast wall panel. If a precast wall panel is required at the tower roof level please provide the bottom elevation of the precast panel so overall panel height can be determined.
- a. Response – A precast panel is required at the tower roof level. Bottom of panel elevations is 51'-8".
57. Question - Drawings S-511 & S-571 - Detail C4 on drawing S-511 & Detail A4 on drawing S-571 indicate precast to cast-in-place connection by precaster with detail showing a welded base connection between precast wall panel and cast-in-place concrete wall.

Standard practice is to provide grouted rebar splice connections in lieu of welded connections for all wall panels to CIP concrete foundation wall base connections. Please confirm a grouted rebar splice connection is acceptable.

- a. Response – Grouted rebar splice connections are acceptable.
58. Question - Drawing S-520 - Detail F1 indicates precast ledges on precast concrete spandrels. Please advise if precast concrete spot corbels can be used in lieu of ledges.
- a. Response – Spot corbels are acceptable.
59. Question – Drawing 570 - Details C3 & E4 refer to embedded plates required in the precast by other trades work. The layout, supplier and designer of embeds required by other trades is the responsibility of the trade requiring the embed. The precaster will provide the labor forces required to install the embed but the embed is to be furnished to the precaster. Please confirm this to be acceptable.
- a. Response – Refer to S-001, the fourth column of notes, note section "Connection Component Coordination". This section defines the requirements for embedded items in different materials and which contractor the components are assigned to. This is the direction for responsibility of these and will not be revised.
60. Drawings S-100 & S-210 indicate the cast-in-place concrete foundation wall and the precast concrete light-walls along grid line 'B' between grids '2 & 5' as sloped walls. Standard practice is to provide horizontal, level, stepped walls, located approximately 6" above the high-point of the ramp slope in each bay. Horizontal, level, walls allow the use of grouted rebar splice sleeve connections for precast to cast-in-place concrete. Setting the wall elevation 6" above the deck ensures the precast concrete light-walls do not take earth load. Please advise if the cast-in-place foundation wall and precast concrete light-walls can be changed to horizontal level walls that step in each bay.
- a. Response – No exception is taken to revising the walls from B/2 to B/5 from sloped to horizontal and stepped provided that the General Contractor coordinates this change between the precast contractor and the cast-in-place contractor to appropriately adjust the top of CIP wall elevations. If the General Contractor elects to make this change, this shall not result an increase in cost after bidding.
61. Question – Spec Section 111226.01 – Section 2.1-C – What integration is required if any? Do we just need an on-line application to see what spaces are paid from the 3g enabled smart phones?
- a. Response – An on-line application to see what spaces are paid from the 3g enabled smart phones is acceptable.
62. Question – Spec Section 111226.01 – Section 2.3-E - what Pay by Cell Phone provider is required for this integration or is the capability acceptable?
- a. Response – The capability is acceptable.
63. Question – Spec Section 111226.01 – Section 2.3-E - For data, it looks like conduit will be supplied for each machine back to Communications Backboard for data (supplying

internet). Can you confirm location and we will be hard-wired for internet (meters typically are cellular). Need to confirm distance is less than 330 feet to each meter.

- a. Response - The Communication Backboard is located in the Electrical Room. See A5/E-401. Yes the intent is to be hard-wired as the quality of the cellular service within the garage is unknown. Provide cellular capabilities in the equipment as well for the purposes of bidding.
64. Question - Please confirm that it is acceptable to use the AIA A310 Bid Bond Form for the Windham Intermodal Bid.
- a. Response - The use of AIA 310 Bid Bond Form is acceptable.
65. Question - Drawings E-101 – E-104 - Many of the fixture symbols do not include fixture types that correspond with the fixture schedule. Please advise what the correct fixture type is for these symbols.
- a. Response – Refer to drawing E-001 General Note 1.
66. Question - Dwg A-601, Door Schedule: The Hardware Key on the Door Schedule does not indicate what each Hardware Abbreviation is indicating and it does not appear to be clarified in Spec Sect 087100 – Door Hardware. Please provide a key to the Hardware Abbreviations.
- a. Response – Abbreviations are provided on A-601, middle right of the page on top of the diagrams depicting the door and door frame types.
67. Question - Re: Spec Section 096516 - Resilient Sheet Flooring. There does not appear to be any areas on the Finish Schedule (Dwg A-601) that call for Resilient Sheet Flooring. Please clarify what areas receive this.
- a. Response – Per Specification Section 096516 subsection 1.2-A-1, the resilient flooring is to be used in the elevator cab.
68. Question - Re: Unit Prices in Spec Section 004300 – Procurement Form Supplements, Item #6: Handling Contaminated Groundwater. An anticipated quantity for bidders is typically provided for Handling of Groundwater items. The startup, managing, setup, lump sum costs, for handling and disposal of 1,000 gals yields a unit cost that is orders of magnitude different than for 1,000,000 gals. Please provide an anticipated quantity for the purpose of providing a fair unit price.
- a. Response – For bidding purposes, assume 18,000 gallons (approximately 1 fractionation tank) for handling contaminated groundwater. Assume discharge from tank can be directed to municipal storm sewer under CTDEEP General Permit for Discharge of Groundwater Remediation Wastewater. Contractor is responsible for all permitting, testing, and monitoring required by the General Permit.
69. Question - Re: Dwg S-003, detail A4. A waterproofing note references B5/2-516 for additional info, however that detail does not exist. Please clarify reference and/or applicable specification.

- a. Response – The reference to B5/2-516 shall be revised to E4/S-516.
70. Question - Re: Dwg A-201. 3(Three) windows shown to the left of column line 5 are listed as 08 01 44, which in the keynote legend for Curtainwall. The 3 windows to the right of column line 5 are listed as 08 43 00 which is called out as storefront in the legend. Please clarify which type of window is to be used at each location.
- a. Response – That is correct. The windows in this elevation between column line 5 and 5.7 are curtainwall; the windows between 4 and 5 are storefront. This is due to the depth of the mullion section; the curtain wall system is 7.5" and the depth of the storefront system is 4.5". This is necessary to fit the storefront system in front of the precast knock-out panels. The storefront system at this location shall be detailed so that the glazing can be replaced from the exterior.
71. Question - Re: Division 8 Spec references, Dwg A-201 Legend. The specification referenced do not appear to match the actual written specification provided. Please clarify the correct spec and/or type for window for the window subcontractors.
- a. Response – The Key Note 08 01 44 is related to the curtainwall system and correspond with Specification Section 084413. The Key Notes 08 42 26 and 08 43 00 are related to the storefront system and glass entrances and correspond with Specification Section 084113.
72. Question - Re: Dwg A-601, Doors/Frames 112 & 113. These are noted as stainless steel on the door schedule but there does not appear to be a relative specification. Please clarify and/or provide specification.
- a. Response – The design intent was to provide a door that was consistent with the adjacent mesh screen system at this location. It is acceptable to provide a glazed aluminum door at these locations instead (Door Type B and Door Fram Elevation Type II per A-601).
73. Question - Please provide elevation for interior storefront in Commercial Space 103 to confirm layout and materials.
- a. Response – Refer to attached Sketch SK-2 for general intent for the system. System shall be 7.5" glazed curtain wall spanning from floor to underside of structure above.
74. Question - Re: Door Schedule. There is a Door 110 noted for the elevator. Please confirm that this is the typical door being provided by the elevator contractor or clarify yif this is a special material or finish that would be provided separately. The door leaf is not clear in details A5 & A7 on A-601.
- a. Response – Door and frame shall be by the elevator subcontractor.
75. Question - Re: Pipe Insulation. There does not appear to be any specifications or call out for piping insulation. Please confirm or indicate where it is required and provide specifications as may be required.
- a. Response – There is no pipe insulation scope.

ADDENDUM NO. 4

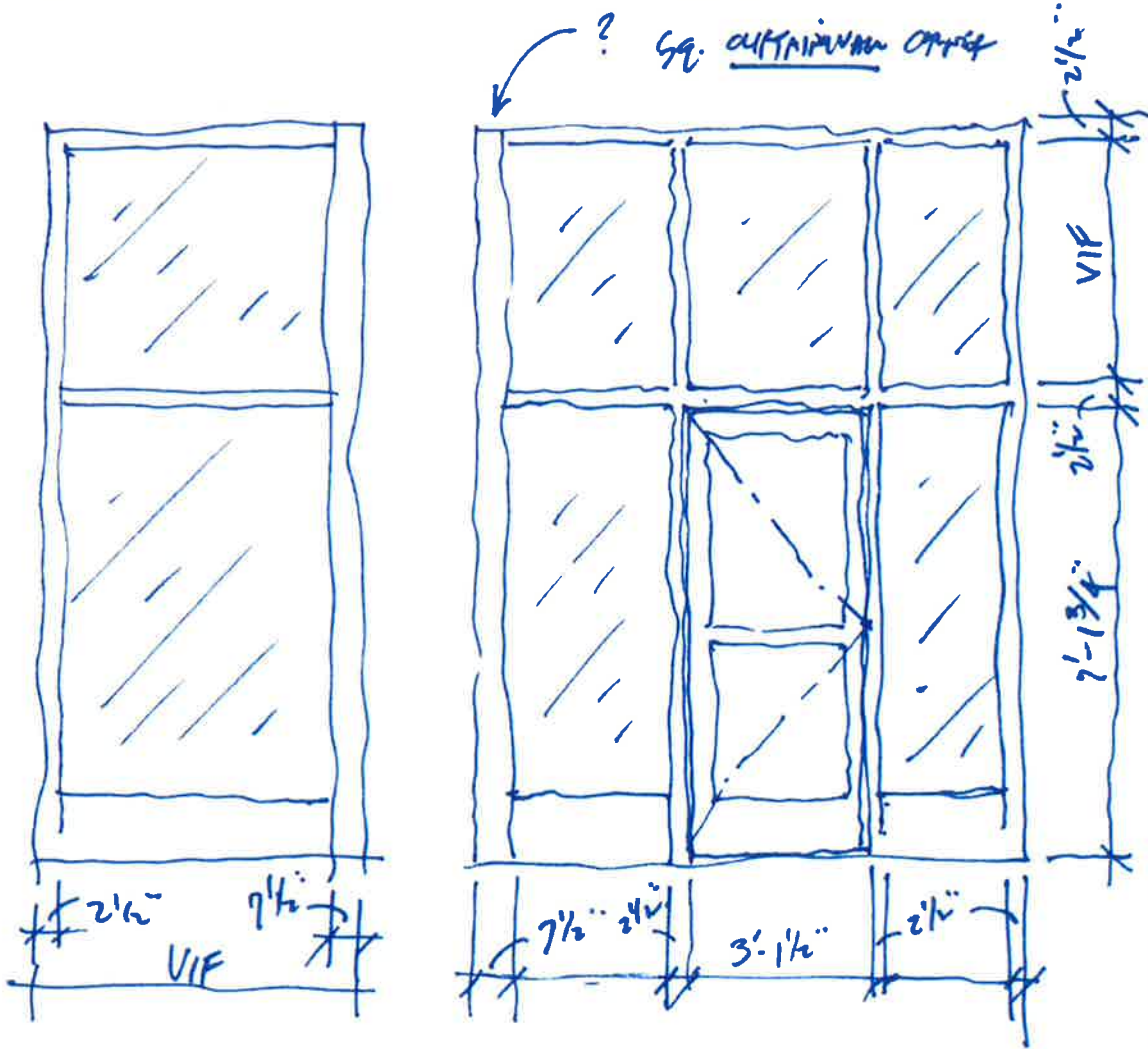
TOWN OF WINDHAM INTERMODAL TRANSPORTATION CENTER



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ATTACHED:

- Sketch SK-2



VIEW FROM INSIDE