



Thomas

NEW HANOVER COUNTY GOVERNMENT CENTER

P20-1091 Pre-Bid RFI Log
1/8/2021



Response key:
Red = response by Thomas Construction Group
Red = response by LS3P or Newcomb & Boyd

RFI / Division		RFI Description	RFI Answer	Response Date	Comments
Submitted 12/17/2020					
1	27	Sheet T-102C shows 8 poke through devices in Emergency Operations Center 279. They have a "D" designation. What is the data cable requirement for these poke throughs? The Outlet Matrix on sheet T-001 does not define this outlet type.	Include 2 data ports for each poke through location	12/22/2020	Addendum 1 - revised sheet
2	8	TAG 126B &148. Should frames be fire rated?	Both Doors & Frame should be rated. We will get these updated for Addendum 1	12/22/2020	Addendum 1 - revised sheet
3	8	TAG 125 VAULT ON SHEET A-101A. Not on door schedule or marked on plans. Does this opening get a door and frame and if so what type?	Door 125 is shown on the 2020.12.16 GMP SET (A-601) & TAGGED ON A-101A - It is a wood door integrated in the hybrid storefront system (see elevation A1/A-621	12/16/2020	GMP set
4	8	1. TAG 271 PAIR ON DOOR SCHEDULE. Can't find on plans. Please advise. Please note Tag 271 Single is on door schedule and plans	Door 271 is obsolete and won't show up on the 2020.12.16 GMP SET. Room 271 was previously a reception office and has been deleted per county request.	12/16/2020	GMP set
5	8	TAGS 131,132,133,134,135,154D,154E,280,281,283,284, & 287 Listed as Hollow Metal Frame I believe they are either Aluminum Storefront or Glass Frames. Please advise if I am supplying any hollow metal frames for these openings even if just a 3 sided Cased opening.	This is current and up to date on the 2020.12.16 GMP SET	12/16/2020	GMP set
5.1	8		DOORS 131, 132, 133,134, 135 are sliding doors integrated in the storefront system (the "frame finish"= storefront. we will update the finishes to say dark bronzes - currently shown as N/A- We will get these updated for Addendum 1)	12/22/2020	Addendum 1 - revised sheet
5.2	8		No hollow metal frame here, the frame should be integrated in the alum. Storefront system the same as the other doors. It will depend on the selected manufacturer and how they integrate sliding glass doors- some simply slide with Gaps between edge of door & storefront, others have a track that completely seals the door for maximum acoustic privacy (preferred option)		
5.3	8		154D, 154 E = typical sliding doors- think barn style- no frame needed		
5.4	8		280, 281, 287 are the same as 131,132,133,134, & 135 but they are pairs of sliders integrated into the storefront system. We will update these to reflect dark bronze as well. We will get these updated for addendum 1.	12/22/2020	Addendum 1 - revised sheet
5.5	8		283 & 284 are not integrated into the storefront, therefor they would be treated like a glass panel barn door. No frame should be needed unless this is a special system.		
6	23	Do you have the start and completion dates for this project?	We understand that construction will start mid to late March- Finish 18 months later.		
7	23	We could not find any requirements for ducts passing through nonrated walls. Are there any requirements?	At this time, we do not have any acoustical requirements for ducts passing through nonrated walls, although this can be open for discussion.	12/22/2020	
8	23	Specification section 237000-1 indicates that the first 20 feet of rectangular supply and return ductwork <u>outside the HVAC room</u> shall be constructed of 16 gauge sheet metal with a 6" wg static pressure. Would this also apply to the first 20 feet of supply air duct within the risers from the roof top units?	Yes	12/22/2020	Addendum 1 - text only
9	23	In reference to this same section, would the duct <u>within</u> the HVAC room be constructed of 4" wg (supply) 2" wg (return) static pressure and then when it passes through the wall changes to 6" and 16 gauge?	Per specification 237000-1.3.C, the first 20' of ductwork outside the mechanical room shall be constructed by 16 gauge sheet metal with 6" wg static pressure, however all ductwork in the mechanical room can be installed according to		
10	23	Who is responsible for supplying and installing the servers located in the server room 206? What are the piping requirements for the mechanical contractor to make the chilled water connections? The piping shown in that room is not sized. The room is fed by a 4" chilled water supply and return piping. What are the connection sizes to the servers? What piping is included with the servers? For example, do the piping packages and controls come with the servers?	Servers are provided by Owner; two points of connection by HVAC piping. Assume (2) – 2" connections per unit.	12/22/2020	Addendum 1 - revised sheet
11	23	Return air grilles are not shown for rooms 347, 345, 343,361 and the hallways? We added 8 grilles.	Plenum return grilles confirmed for drawing M-103A.	12/22/2020	Addendum 1 - revised sheet
12	23	We assume that the walls in rooms 348, 346, 344, 340, and 338 are 3A type walls that only extend 6" above ceilings. Is that correct?	It is our understanding that all walls designated as 3A will terminate 6" before structure. Confirm with LS3P. Additional LS3P response: YES, THAT IS CORRECT. THE NORTH WALL OF 348 IS NOTED AS 3AS. ASSUME ALL WALLS ARE 3A U.N.O.	12/22/2020	
13	23	Return air grilles are missing in rooms 362, 364, 365, 363, and 321. We added 5 grilles.	Response: Plenum return grilles confirmed for drawing M-103B.	12/22/2020	Addendum 1 - revised sheet
14	23	No control air dampers are shown on this drawing. They are shown on the control drawings M- 701 and M-702. We added 6 dampers. On M-702 it shows a relief air damper that is not shown on M- 301.	We concur with adding 6 control dampers. These will be shown in the plan view on the next submission.	12/22/2020	Addendum 1 - revised sheet
15	23	AHU-1-1 has 8,000 cfm of outside air going to it from the ERV. This drawing does not show any relief air coming off the air handler. We added the relief air duct and control air damper.	This is acceptable. The relief air damper will be shown in the plan view on the next submission.	12/22/2020	Addendum 1 - revised sheet
16	23 70 00 - A	A tells us to line 10 feet downstream of terminal box duct as shown on drawings. It doesn't appear to be indicated anywhere on the plans. Do we need to pick this up?	Yes, all terminal box duct should be lined 10' downstream of box.	12/22/2020	Addendum 1 - text only
17	23 70 00 - B	B tells us to not install lining within 30" downstream of electric heating coils. Some of the boxes have electric heat. These two items appear to be contradictory. Please advise.	If the box has an electric heating coil, install lined ductwork 10' downstream after 30" from electric heating coil.	12/22/2020	Addendum 1 - text only
18	23	Both plumbing and HVAC specs refer us to coordinate with the requirements of Section 290010, Commissioning. Please provide this spec section.	Commissioning will be provided by Owner. Specs will be provided when agent has been finalized.	12/22/2020	
19	23	Please confirm that load/line side wiring for mechanical equipment is under Division 26.	Load/line side wiring will be by electrical.		
20	26	Will MC Cable be permitted in lieu of EMT for branch circuits?	The EOC side should use EMT. We believe that it is acceptable to use MC cable in the Tower building provided that the Owner finds this acceptable and understands the limitations of the MC cable. We would like to limit the MC cables if accepted to only within the spaces/areas routed from the j-box overhead to the devices within the room.	12/22/2020	
21	22	Storm drain piping insulation specification - "Exposed horizontal rainwater, and secondary (emergency overflow) rainwater, including connections to roof drains and vertical leaders within the top floor, 1" thick." We understand this to mean insulate only the horizontal rainwater piping that is EXPOSED, also insulate all of the secondary rainwater, and also insulate the roof drains and the drops from the roof drains down to their connections to the horizontal piping. Please advise if our interpretation I correct.	Intent is that all horizontal primary and secondary piping will be insulated.	12/22/2020	Addendum 1 - text only
22	22	Please confirm the domestic hot water return piping sizes as shown on the 1 st Floor, Areas A and B, and also the riser to the upper floors. The sizes indicated are unusually large. If there is something special happening that requires this large of a return, please provide an iso for clarification.	Please price as indicated.	12/22/2020	
23	22	Janitor 148 does not have a mop sink or a central floor drain indicated. Should we assume that there should be one of each in this room?	Yes, please include. We will include in a future addendum.	12/22/2020 & 01/08/2021	Addendum 1 - text only; Addendum 2 - revised sheet



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24	22	Spec Section 224400, 3.4, B calls for “globe valves in each water supply connection to sinks, water coolers, and any fixture provided by others...”. Typically ball valves are installed in this situation and not globe valves. Please confirm that we are to install globe valves and not ball valves.	Ball valves are acceptable.	12/22/2020	Addendum 1 - text only
25	22	1. The architectural drawings indicate under counter ice machines in the following places: a. South end of Corridor 147B b. Kitchen 171 c. (2) in Hub Kitchen 152 d. Mini Hub 221 e. Mini Hub 321 f. Mini Hub 421 Will these ice machines require a floor drain? There is not one indicated on the drawings The drawings do not indicate a water connection box (F9) at these locations. It does, however, indicate F9’s at the refrigerators in Coffee/Hotel, Room 227. So I would assume the same would be required for the ice machines. Please advise.	Yes, please include drains and water boxes as suggested. We will include in a future addendum.	12/22/2020 & 01/08/2021	Addendum 1 - text only; Addendum 2 - revised sheet
26	6	Please confirm the color of quartz for the countertops.	ALL COUNTERTOP MATERIALS ARE INDICATED ON A-700 (AND SPECS). ALL MATERIAL LOCATIONS ARE ANNOTATED ON THE INTERIOR ELEVATIONS (A-710-A-714)	12/22/2020	Addendum 1 - revised sheet
Submitted 12/18/2020					
27	23	Spec 23 60 00 item 2.6.B calls for 2” thick walls. Are 1” thick insulated walls acceptable?	Provide 2” thick walls per spec. Provide pricing alternate for 1"	12/22/2020	
28	23	Spec 23 60 00 item 2.6.M calls for sound attenuators to be factory installed above the curb. There is a separate sound attenuator schedule for duct mounted attenuators. Do the RTUs need to have any factory provided attenuators?	No sound attenuator to be provided at the unit. Separate sound attenuators will be provided in the ductwork	12/22/2020	
29	23	Sheet M501 has the RTU schedule which shows (2) Supply fans for each unit, the schedule also shows (2) Relief fans for R-2,3 & 4 and (1) for R-1. The controls schematic and points list for that unit makes it look like a single fan is used. Are two supply fans required? Are dual wheels on a single shaft acceptable for the relief fan? Are forward curve fans acceptable for the relief fans?	Please provide 2 supply fans. No exceptions taken to dual wheels on a single shaft for the relief fan. No exceptions taken to forward curve fans.	12/22/2020	
30	23	Sheet M501 has the RTU schedule which shows the heating capacity in KW. Is it acceptable to be lower than the KW indicated? Would you like an alternate price add for using SCR controls on the RTUs?	Please provide alternate price add for using SCR controls on the RTUs.	12/22/2020	
31	23	There are building controls on this project. Do building control systems provide the functionality for spec section 23 60 00 items 2.6.K and L?	Correct	12/22/2020	
32	23	Spec 23 65 00 item 2.1.C. Is 8” wg operating pressure acceptable for the casing of ERU-1-1?	Provide 10" per specifications. Provide alternate for 8"	12/22/2020	
33	23	Detail 1/M-603 shows Panel Style filters. The AHU spec indicates bag style filters. Are Panel style rigid filters acceptable?	Provide panel style filters	12/22/2020	
34	23	Please confirm the Ip for the EOC building is 1.5 as indicated in spec 23 00 10 item 2.10.A.8.	This is correct	12/22/2020	
35	23	Reference spec 23 80 00 Is it acceptable to use the New Hanover County’s existing Metasys server for this project, or is a second (new) physical server required specifically for this site?	It is acceptable to tie into the existing server	12/22/2020	
Submitted 12/23/2020					
36	6	Please clarify the finish (solid surface or quartz) for the sink counters in the EOC Group Toilets, detail B4 on A401.	Interior elevation D5/A-710 of GMP set calls out SSM-2 (info listed on finish legend A-700)	1/8/2021	
37	9	A-801. In the lobby area, 120 A/B, you have tile, carpet, and then tile again. On the East wall, the perimeter, do you want to keep the tile base all the way down, or have rubber base where the carpet is located in the middle?	The tile base will be continuous in the lobby so will have tile base where we have carpet in that area only.	1/8/2021	Addendum 2 - text only
38	8	New Documents dated 12-16-2020, include the Core and Shell Openings on the New Doors Schedule, Sheet A-601. We have been unable to find the Hardware sets or openings associated with the Hardware sets for the Core and Shell Openings in the Specification Section 087100. (approx.. 50 openings). Please Advise. Please provide the Hardware sets and opening association to these Sets for the Core and Shell Openings. Thanks	These sets will be included in Addendum 2Addendum 2 - revised sheets & hardware schedule	1/8/2021	Addendum 2 - revised sheets & hardware schedule
39	270010 1.4.B	States: “Structured cabling system installer shall currently be a manufacturer’s certified system installer in good standing and a certified installer at the Critical Infrastructure Protection (CIP) Level with five years minimum experience on projects similar in scope to that shown on the Drawings and specified herein”. Please confirm/advise that the above underlined statement is indeed a vendor qualification requirement for the project. Please clarify and/or provide a resource/reference for additional information regarding the (CIP) program.	CIP certification is not a requirement for this project.	1/8/2021	Addendum 2 - text only
40	T-102B	Room #’s: 222, 223, 224, 225, 226 and 228: Please confirm # of data cables required at each floor box location as the symbol shown on the Legend on Drawing T-001 states 2 data cables per seat, but some rooms do not show seats. Please advise.	This is addressed in Addendum 2.	1/8/2021	Addendum 2 - revised sheets
41	T-102C	Room #’s: 280 through 287: Please confirm # of data cables required at each floor box location as the symbol shown on the Legend on Drawing T-001 states 2 data cables per seat, but if calculated this way, cable qty’s seem excessive. Please advise.	This is addressed in Addendum 2.	1/8/2021	Addendum 2 - revised sheets
42	T-103B	Room #’s: 322 through 328 and 369: Please confirm # of data cables required at each floor box location as the symbol shown on the Legend on Drawing T-001 states 2 data cables per seat, but some rooms do not show seats. Please advise.	This is addressed in Addendum 2.	1/8/2021	Addendum 2 - revised sheets
43	T-104A	Room #’s: 438K, 443, 444, 445, and 453: Please confirm # of data cables required at each floor box location as the symbol shown on the Legend on Drawing T-001 states 2 data cables per seat, but some rooms do not show seats. Please advise.	This is addressed in Addendum 2.	1/8/2021	Addendum 2 - revised sheets
44	T-104B	Room #’s: 422, 423, 424, 425, and 427: Please confirm # of data cables required at each floor box location as the symbol shown on the Legend on Drawing T-001 states 2 data cables per seat, bus some rooms do not show seats. Please advise.	This is addressed in Addendum 2.	1/8/2021	Addendum 2 - revised sheets
45	T-001 - Note 7	#7 States: The cabling contractor shall note that the Security drawings require cabling to be run by the structured cabling contractor. Please confirm/advise of those security cable types: Does that only pertain to the Category 6 “IP Camera” locations/cabling? Or does that requirement also include security type cable for card readers, door contacts, electrified locks, etc.	Concur. We updated note for addendum 2 . The cabling contractor shall note that security drawings requiring cat6 cabling to be run by the structured cabling contractor	1/8/2021	Addendum 2 - revised sheets
Submitted 01/04/2021					
46	10	Toilet Accessory Specifications are missing a few items that show up on the plans – can you provide basis-of-design for Wall Mounted Soap Dispenser “SD” (located in 129 Family Room Toilet, 154 Toilet, etc)?	Soap dispensers will be owner furnished, contractor installed. Other toilet accessories that are OFCI are paper towel dispensers, toilet paper dispensers, toilet seat covers	1/8/2021	Addendum 2 - revised spec
47	10	Can you provide size for Wood Framed Mirror “FLM” – noted in Gang Rooms 150 Womens, 149 Mens, etc. Is there a basis-of-design for this item?	FLM is 72"H x 42"W. It is a custom mirror.	1/8/2021	Addendum 2 - revised spec
48	10	Confirming no Baby Changing Stations or Underlavatory Guards are required on this project?	Include one Baby Changing Station in the following: Men 128, Family 129, Women 130. No underlavatory guards.	1/8/2021	Addendum 2 - text only
49	10	Can you please provide locations for Fire Extinguishers and Brackets? The Life Safety plans do include an FE legend on right bottom of pages, but do not include any within building.	Fire extinguisher cabinets were added to the floor plan sheets issued in Addendum 1.	12/22/2020	Addendum 1 - revised sheets
50	26	Is the utility/mechanical yard the same elevation as the first floor slab?	40.1 - Bldg FFE. 38.9 – Grate Elevation of drop inlet in the middle of mechanical yard. See civil drawings	1/8/2021	See civil drawings.





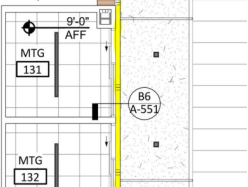



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51	26	E204B added a note 4 but the designation was not applied to the bathroom areas like all the other similar drawings. Please advise.	Sheet note #4 will be added to the public restroom areas as part of the electrical Addendum 2.	1/8/2021	Addendum 2 - revised sheets
52	26	Drawing E-402 feeder schedule shows designation 3000S as 8-Sets with wire and 3-sp spare conduits. Same drawing from utility transformer UT-T to MSB-T designation 3000S applies. The same service on drawing E100 references detail 7 on E601 which shows only 1 spare. Please advise.	Electrical site plan and duct bank details will be revised to clarify the quantities of spare conduits as part of electrical Addendum 2. Both 3000U and 3000S feeders will have (1) 4" spare conduit.	1/8/2021	Addendum 2 - revised sheets
53	26	Drawing E100 for feeder from GDS-EOC to ESB shows that detail 2/E601 applies. Detail 2 on E601 has 2-sp spare conduits. Riser E-401 shows this feeder as 1600U. Feeder 1600U on the schedule is 6-sets (4-300 & 1-4/0 in 4"C) no spares. Please advise.	Electrical site plan and duct bank details will be revised to clarify the quantities of spare conduits as part of electrical Addendum 2. Both 1600U and 1600S feeders will have (2) 4" spare conduits.	1/8/2021	Addendum 2 - revised sheets
54	26	Alternate #6 is to utilize Schneider APC. The specifications does not list other manufacturers. Are there approved equal manufactures for this specification?	Yes, equivalent systems by Eaton and Liebert will be added to electrical specifications.	1/8/2021	Addendum 2 - revised spec
55	26	Drawing T-100 shows a designation for electrical room 168. Based on other drawing would this be electrical room 110?	Room number is updated in Addendum 2.	1/8/2021	Addendum 2 - revised sheet
56	26	Drawing T-100 shows (1) 4" conduit to be routed from electrical room 168 (Assumed to be electrical room 110) to new tower for fiber cabling. Is this a future stub up and is the location to be stubbed up where it is labeled to new tower for fiber cabling?	Room number is updated in Addendum 2. Conduits from tower are shown for reference only, they are provided by tower vendor.	1/8/2021	Addendum 2 - revised sheet
57	26	The new tower fiber location to the assumed electrical room 110 is over 360'. If the location shown on T-100 is accurate will a new manhole be required for the owner to pull their fiber?	Fiber is provided by Owner's vendor. Some vendors will not need a manhole for such a pull. Suggest consulting with Owner's vendor	1/8/2021	
58	26	The two fiber runs on site drawing T-100 are over 385' and over 900'. Will new manholes be required for the owner to pull their fiber?	Fiber is provided by Owner's vendor. Some vendors will not need a manhole for such a pull. Suggest consulting with Owner's vendor	1/8/2021	
59	26	Is it a requirement for telecom outlet raceways to run complete from outlet to cable tray where applicable?	Conduit are to stub-up above the accessible ceiling and data cables will be routed on j-hooks from the cable tray to the data drop location. If no accessible ceiling, conduit is to be routed to the cable tray.	1/8/2021	
60	26	 is shown on the plan drawings but not on T-001 Legends and Notes drawing. Would this be symbol reference  ?	Concur. Outlet information updated in Addendum 2 with correct information	1/8/2021	Addendum 2 - revised sheet
61	26	HT-1 is the designation for heat trace. I've search the MEP drawings and cannot find a location.	Location will be clarified as part of electrical Addendum 2 revisions.	1/8/2021	Addendum 2 - revised sheet
62	26	Drawing E-111 terminal unit S148 is not scheduled on drawing E-502 for conduit and wire sizes	N&B response: S148 type unit requires control power only and will be removed from the mechanical connections schedule on E-503 as part of Addendum 2 revisions. 120V branch circuit for HVAC TU control power will be provided to accommodate multiple mechanical units.	1/8/2021	Addendum 2 - revised sheet
63	26	Drawing E-502 terminal unit S150 is shown. This terminal unit is not located on the plan drawings	S150 type unit requires control power only and will be removed from the mechanical connections schedule on E-503 as part of Addendum 2 revisions. 120V branch circuit for HVAC TU control power will be provided to accommodate multiple mechanical units.	1/8/2021	Addendum 2 - revised sheet
64	26	Drawing E113 there are two terminal units designated as S345. Only one is shown on E-503 schedule drawing	There is a single S345 unit used on this project.	1/8/2021	
65	26	Searched the M & E drawings for terminal units S351 and S352. They are shown on the schedule drawing E-503 but not shown on the plan drawings	S351&S352 type units require control power only and will be removed from the mechanical connections schedule as part of Addendum 2 revisions. 120V branch circuit for HVAC TU control power will be provided to accommodate multiple mechanical units.	1/8/2021	Addendum 2 - revised sheet
66	26	Drawing E-114 there are two terminal units designated as S454. Only one is shown on E-503 schedule drawing	S454 type unit requires control power only and will be removed from the mechanical connections schedule on E-503 as part of Addendum 2 revisions. 120V branch circuit for HVAC TU control power will be provided to accommodate multiple mechanical units.	1/8/2021	Addendum 2 - revised sheet
67	9	A701 Finish Schedule: Room 152 HUB Kitchen is not listed	152 HUB KITCHEN (finishes are called out on RCPs, interior elevations, floor finish plans) - Flooring: LVT-1 - Base: RBS-1 - Walls: PNT (color TBD) - Ceilings: ACT-4	1/8/2021	
68	9	Detail B6/A-551 is shown for Room 131. Should be this be A6/A-551 since ACT is to be used, not GWB? Will this be typical?	This detail is for the lobby 120A light cove outside of room 131 (see highlighted area). There are no coves inside those meeting rooms 131- 135)  	1/8/2021	
69	9	Please verify all Light Coves in Toilet Rooms with ACT will receive the 2" Axiom Trim	"Light Coves" in bathroom will be a fixture- see Electrical drawings/ Fixture Legend for fixture information.	1/8/2021	
70	9	Please verify location of WWP-1. A-121A seems to show it installed on the East and West side of the soffit as well as the underside with the West and Underside installation terminating at the column next to Room 131.	A-121A indicated the location of WWP-1 on the underside of the ceiling (see renderings) Wall location & dimensions for WWP-1 are shown on 6/A-713  	1/8/2021	
71	9	Is R19 insulation the basis for above the ACT?	See specification section 095113, 2.7 for spec on sound attenuation blankets.	1/8/2021	
72	26	There are no quantities of X2 fixtures on the plan drawings, Is fixture type X2 on drawing E-002 applicable	type X2 is intended to be used above the man door leading out of the utility yard. It will be shown on E-201C sheet as part of Addendum 2 set of electrical drawings.	1/8/2021	Addendum 2 - revised sheet



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73	26	On drawing E-102C note 5, is the bus track and the cable pathways furnished and installed by the raised floor manufacturer?	Electrical contractor is responsible for installation of all electrical components of the system (floor boxes with plug in whips, bus track, MC cable routings back to the power panel and connections to the power panel). All system components for complete installation will be provided by the manufacturer as part of the raised floor system. Additional scope clarification notes will be added to E-102C sheet as part of Addendum 2.	1/8/2021	
74	26	E-201B pipe grid in addendum #1, who provides?	ELECTRICAL PACKAGE	1/8/2021	
75	26	Drawing E-201C lighting pipe grid 12'-0" AFF was added? I this applicable?	Yes, this is applicable.	1/8/2021	
76	26	E-100 Pricing Notes, is the EC providing the budget allowance for the site lighting?	Yes	1/8/2021	
77	9	A-001 indicates R-13 unfaced insulation in 6" and 8" metal stud walls. R-13 insulation will tend to fall away from sheathing overtime creating a thermal break.	Change batt insulation to R-19 at 6" studs and R-21 at 8" studs	1/8/2021	Addendum #2 - text only
78	9	Please confirm the insulation for 6" walls should be R-19 and for 8" walls should be R-21.	Change batt insulation to R-19 at 6" studs and R-21 at 8" studs.	1/8/2021	Addendum #2 - text only
79	1.1.C	Addendum 1 reads that the Owner will provide the commissioning agent. Should we plan for commissioning? or assume it will not happen?	Commissioning will happen. Scope is TBD by New Hanover County	1/8/2021	Addendum #2 - text only
80	2.4.A.1	NHC has a new server that was installed within the last 9 months and the existing BAS software moved to that server. With the hardware being less than a year old does the Owner require a new server as part of this project?	No new server is required.	1/8/2021	Addendum #2 - text only
81	2.5.A	NHC in the past has asked that computers not be provided as part of a project as they have specific brands, hardware, and security software that is supported in house. Does the Owner require a new computer as part of this project?	A computer is not required.	1/8/2021	Addendum #2 - text only
82	2.8.A.2-6	The existing 24 BAS sites are standardized around the ACI (Automation Components Inc) branded devices for temperature (10k Type 3 thermistors), humidity, CO2, pressure, and current monitoring. As NHC stocks these sensors in house for repairs will these NHC standard sensors be acceptable for this project?	No exceptions taken to using ACI.	1/8/2021	Addendum #2 - text only
83	2.8.A.2-6	Are thermistor sensors acceptable for the VAV / FPB discharge sensors?	No exceptions taken to using thermistor sensors for VAV/FPB discharge sensors.	1/8/2021	Addendum #2 - text only
84	2.8.K	Is 300 volt cable acceptable for this project?	Provide 600V cabling as specified	1/8/2021	
85	2.7.D.3	Is demand limiting required as part of this project? As the building houses the 911 Center and EOC typically those are excluded with doing energy demand limits.	This is intended on the office tower portion of the building.	1/8/2021	Addendum #2 - text only
86	2.10 B	Are UPS(s) required for each control panel? This is a deviation from standard installation practices at the other NHC installations and will add cost to the system that the Owner may not be aware of.	Provide control panels with backup batteries in lieu of UPS.	1/8/2021	Addendum #2 - text only
87	2.3.B.2	Are "HOA" devices required for each output? This is a deviation from standard installation practices at the other NHC installations and will add cost to the system that the Owner may not be aware of.	HOA are not required for BAS Panels.	1/8/2021	Addendum #2 - text only
88	3.12 D	Are terminal units (i.e. VAV's with no reheat or fan) powered by means other 120vac provided by EC? There will be a 120/24 volt transformer provide inside the VAV enclosure.	The intent 120v power is given to each terminal unit with no reheat or fan. Terminal unit is specified to include transformer.	1/8/2021	Addendum #2 - text only
89	E 501	Who / What controls the shedding?	The load shedding is being accomplished via the master controller. Master controller has integral load shedding relays. Refer to the electrical specification section 26 20 00 Emergency Power Supply System for details on the generator paralleling.	1/8/2021	Addendum #2 - text only
90	Generators	We do not see any BAS connections. Should there be?	Alarm and status monitoring has been added in Addendum 2.	1/8/2021	Addendum #2 - text only
91	E 607 Details 1 and 6	Details have a LCP1 panel with a note showing connection to BAS. Is there more information available about the BAS scope to the LCP1 or LCP1-T panels?	BAS connection to LCPs is not required and will be removed from the drawings in Addendum 2	1/8/2021	Addendum 2 - revised spec
92	Fire / Smoke Dampers	Is there any work required for the BAS contractor?	Yes. Combination fire smoke dampers should be interlocked with associated fan systems. This will be added in Addendum 2.	1/8/2021	Addendum 2 - revised sheet
Submitted 1/7/2021					
93	9	In lieu of the specified marble thresholds, are we able to use Schluter – Reno U transitions between the porcelain tile and other floor coverings? The specified marble thresholds are ¾" thick and will cause a trip hazard. Please advise.	Marble transitions to be used at transitions to tile at toilet rooms. Schluter Reno-TK to be used at tile transitions at all other areas.	1/8/2021	Addendum 2 - text only
94	9	RCP Legend shows ceilings @ 9' AFF - Note 4 says ceilings are to be 8'6" - Which is correct?	Note 4 is correct, we will update the RCP Legend to reflect the same.	1/8/2021	Addendum 2 - revised sheet
95	9	Spec Section 078443 Joint Firestopping - Section 1.6 - Installer qualifications - please confirm that the specified qualifications for an FM Approved or UL Evaluated installer is required. This will have to be performed by a specialty contractor if so.	Bid as specified with FM Approved or UL Evaluated installer	1/8/2021	
96	8	The plan sheet A2/A621 shows 131,132,133,134, and 135 as sliders with transoms and a horizontal. This cannot be done. The upper butt glazed glass cannot rest on a single horizontal. It will deflect too much. Also, one of my partition people is saying they cannot do a slider with a transom.Should these openings be 9'0 tall and eliminate the transom or should they drop to 7'0 like the rest of the interior?	We will drop all storefront/ doors in those meeting rooms to 7'H. The wood above will remain at 9' so we will have 2' of painted gyp between the bottom edge of wood and top of storefront.	1/8/2021	Addendum 2 - revised sheet
97		Please confirm item 13.4 Payment and Performance Bonds are required for contracts over \$300,000.00. Is the cost of this bond to be included in the base bid price?	Bid manual will be updated to include a line item Alternate for a Bond. Bid Bonds are required for bid submittals over \$300,000.00	1/8/2021	
98	7	BP09A Item 4 (Exterior)- Please clarify the extent of the continuous air barrier requirements, if required, by this bid package. Please clarify that this scope is covered under BP 07A	Continuous Air Barrier is by BP 07A	1/8/2021	
99	6	BP09A Item 22 - Please delineate this bid package wood blocking responsibilities from Bid Package 06A	This package is to include in-wall blocking for all wall hung items provided under the construction package or future by the owner. BP-06A is required to carry all other project blocking and nailers required	1/8/2021	
100	9	BP09A Item 47 - Please confirm the use of Mold/Mildew resistant gypsum for the entire project regardless of specifications	Confirmed. No standard drywall is to be used per scope	1/8/2021	
101	9	BP09A Item 48 - Please confirm the use of High Impact Resistant gypsum in the corridors regardless of construction documents. Additionally please confirm if the use of 30 mil 20 gauge studs are required for said High Impact Resistant gypsum. This is a heavier gauge than a standard drywall stud that is indicated in the project specifications. This is the recommended stud gauge to use per the Gypsum Association where high impact gypsum is installed. Please advise if high impact gypsum is to stop at a certain height such as 10' AFF. Please provide a markup of what you are considering a corridor. For instance, are the west office walls of open office 361 considered a corridor?	Impact resistant drywall is required at all Corridor Walls. Additional stud gauge is not required; follow project specifications. High impact will extend to 8' AFF. Corridors are considered standard paths of travel by building occupants. Additional response from LS3P: Abuse resistant (not impact resistant) gypsum board has been added to the specifications in Addendum #2. Extent is as described above.	1/8/2021	Addendum 2 - revised spec
102	9	BP09A Item 52 - Please confirm the wall panels are by this bid package. Typically this is covered under the ceilings package.	Fabric wrapped panels are to be by BP-10B	1/8/2021	
103	6	Is any type of wood blocking required at the interior storefronts? There is none indicated in the drawings.	Yes; assume wood blocking at jambs and head	1/8/2021	
104	9	BP 06A - Item 3 - Can you please define "duration of the project". Should this be the duration of the "structure" portion of the project schedule (325 days?)	Foreman is assumed starting with interior wall layout and finishing at substantial completion of project	1/8/2021	
105	5	Scope of work states we furnish and install the Pipe Grid System. There are no specification or vendor listed for this system. Can you provide?	The pipe grid is specified in 055050.	1/8/2021	
106		All Interior frames are only 7ft, we propose using 3/8" glass in lieu of the ½" called on the drawings. Also, the framing systems called out can only handle 3/8" max on the glass, plus it would be a cost saver.	Provide 12mm/1/2" glass as specified and called out on drawings. Per manufacturer documentation, systems from all three manufaucturs listed in the specifications can accommodate 12mm/1/2" glass.	1/8/2021	



Response key:
Red = response by Thomas Construction Group
Red = response by LS3P or Newcomb & Boyd

RFI / Division	RFI Description	RFI Answer	Response Date	Comments
107	Doors 131-135, 154D, 154E call for wood sliding doors. The sliding door headers that merge with the frames that I have is for ALL GLASS options and not sure if 1-3/4" door will fit. Trying to understand the design intent here. Are we looking for SF frame and then you mount wood door sliding header to the header of the frame?	a.Doors 131-135 can be changed to glass so that they are fully integrated in the storefront frame (this would be the same condition as the glass siding doors in the EOC: 280, 281, 287) b.Doors 154D & 154E are not integrated in a storefront system, they are standard wood sliding doors.	1/8/2021	Addendum 2 - revised sheets
108	Note 14 on the floor plans show the gypsum on the exterior wall is part of the core/shell. Per A003 on the Core/Shell, the furring and gypsum on the exterior wall is part of the tenant fitup. I'm assuming that I need to include the furring and gypsum in the fitup number? Please advise			
109	Also, due to the exterior wall having extruded polystyrene insulation, the exterior wall furring/gypsum has to run to the deck and encapsulate the foam at the exterior walls. You have to have an ignition barrier (gypsum) when using extruded polystyrene at the interior side of a building. You can run it by the architect but it's come up in the past on other jobs.	Continue furring/gypsum to deck to encapsulate the polystyrene.	1/8/2021	
110	Please provide specs for window coverings	These are included in Addendum 2	1/8/2021	Addendum 2 - revised spec
111	Is concrete required for telecommunications ductbank	Yes; all site ductbanks are to be encased per electrical scope of work		
112	Are the shower rods/curtain in the locker rooms supposed to be the dressing curtain and tracks. I saw in the specs ASI shower rods and curtains were called out. I just wanted to make sure I was pricing the correct thing.	Each shower stall in Men's Locker Room 160 and Women's Locker Room 180 to receive (1) shower curtain rod (SHR), (1) shower curtain (SHC), and (1) dressing curtain with track. See spec sections 102123 and 102800.	1/8/2021	Addendum 2 - text only
113	Dwg A-552 is missing (millwork elevations refers to sections to be found on this page)	Sheet A-552 was included in the GMP set issued by LS3P.	1/8/2021	
114	1.BP-09A – Section 055813 Column Covers is listed as a Primary Spec Section; BP-07F Metal Column Covers lists the same section 055813. a.Shouldn't section 055813 be removed from BP-09A if there is a separate bid package (07F) for this?	Correct; BP 07F will provide all metal column covers	1/8/2021	
115	2.BP-09A – Section 061053 is listed as a Primary Spec Section; BP-06A Rough Carpentry lists the same section 061053. a.Item #1 on BP-06A indicates "... all misc. framing/blocking at roof, millwork" b.BP-09A, line item #22 also includes backing at millwork items (architectural casework & cabinets, wood base trim) i.Is this a double up, which BP is to include blocking at millwork?	BP09A is to include all in-wall blocking at Millwork	1/8/2021	
116	3.BP-09A – Item #52 indicates "All fabric wrapped Sound Absorbing units..." a.There are no such panels on the Arch Material Finishes schedule on page A-700, only WWP-1 (which is the wood panels described in section 098433) b.BP-10B is for Sound Absorbing Wall Units (Section 098433) i.Should item #52 on BP-09A be removed?	Correct, all WWP-1 are to be provided by BP10B	1/8/2021	
117	4.BP-09B – Item #9 indicates 10% replacement costs for damaged grid/tile a.Is this in addition to the \$10,000 Allowance 1 for ceiling repairs? b.Or is the \$10k allowance meant to cover item #9 (10% replacement)?	In addition	1/8/2021	
118	5.BP-09A – Item #48 indicates impact resistant drywall at all corridors. a.Is this to be to 4'-0" AFF, or full height? b.Since there is no indication on the drawing for impact resistant drywall anywhere, are the corridors the only place it is intended?	Impact Resistant will be changed to High Abuse rated and will extend to 8' AFF. Corridors will be the only place required and will addressed in Addendum 2	1/8/2021	Addendum 2 - revised spec
119	Are we to provide all of the HW for the interior wood doors that will be mounted into the RACO aluminum frame assemblies we are to include in our package? a. Or would the wood door provider pick all of that up? Wood doors, sliding wood doors and all coordinating HW would be by that source, correct? b. Line 39 of the glazing package inclusion states we must provide coordination of the HW for these doors but is vague on whom is proving the physical HW components.	HW at interior Hollow Metal and/or doors are to be provided by the doors/frames package. Interior Aluminum and/or glass door hardware is to be supplied by the glass/glazing subcontractor.	1/8/2021	
120	Flowable fill allowance where utilities intersect, do I provide a cy price or try to quantify and give a total?	Assume flowable fill where there are intersections of utilities that cannot be suitably backfilled and compacted.	1/8/2021	
121	Provide 200' of reinforced hose & fittings? Is this to attach to the proposed manifold for trades to use?	Correct; hose would be provided for trade use	1/8/2021	
122	Tire wash station, pressure washers & labor: Do I price this as this job will be under existing asphalt for most of the duration?	Yes, please price. There will be plenty of tracked in/out mud that will need to be cleaned prior to sending trucks off the site.	1/8/2021	
123	Can the AISE Certification can be waived with a 3rd party inspector	No; it cannot be waived	1/8/2021	
124	Are the auto operators to be part of the overall allowance?	Auto operators for exterior doors are to be handled within the allowance. Interior operators, if required will be provided by the door hardware package and as identified in the door/hardware schedule	1/8/2021	