

OBSERVATION REPORT NO. 33

Project: **Woburn Fire Headquarters**
 Date: 20 January 2022
 Location: Job Site
 Attendees: Woburn Building Department Tom Quinn, Commissioner
 Municipal Building Consultants (MBC) Dick Murphy
 DiNisco Design (DD) Rick Rice
 Anne Woodacre
 G&R Construction (G&R) Ian McCallion
 Dave Bacchiocchi
 Cullen Humfreys

Action Date

A. SAFETY AND SECURITY

A18.

B. OWNER ISSUES

---	05/14/21	B02.	Work under separate contracts will consist of:
DiNisco	05/14/21	B02.1	FF&E including Communications and Technology.
Woburn	05/14/21	B02.4	City will mill and pave Main Street after utility work is done.
DiNisco WFD	11/24/21 12/22/21 01/06/22 01/20/22	B02.5	FF&E/Service Bay Lifts: The Chief asked if the Service Bay lifts have been purchased, noting lead times and the desire to have them when the facility opens next fall. DiNisco replied that no FF&E items have been purchased at this time and explained that, after the dispatch communications bids are received 12/02/21, the FF+E and technology items will be the last budget items to be confirmed. DiNisco will schedule a meeting in January 2022 to review all FF+E items previously discussed with WFD prior to going out to bid. [12/22/21 - The meeting will be scheduled for the week of 01/17; DiNisco to propose specific date/time.] [01/06/22: DiNisco and WFD will meet at 1:00 PM Wednesday, 01/19 to review FF&E selections. DiNisco will forward an information packet to WFD before the meeting.] [01/20/22: At WFD request the meeting has been rescheduled for 1:00 Wednesday, 01/26/22.]



---	12/01/21	B02.5.01	Exercise Equipment: DiNisco requested that WFD provide layouts of the proposed exercise equipment for coordination with electrical outlets, mirrors, etc. [Postscript: Layouts provided by WFD later on 12/01.]
DiNisco CL	09/29/21 11/24/21 12/01/21 01/06/22	B09.5.02	Traffic Signal Controls: G&R / Brothers is responsible for conduit pathways and installing backboxes for the signal controls, and DE will install the cabling and the controls. [11/24/21 A Zoom meeting is scheduled for 2:00 PM Monday, 11/29 to discuss the WFD's request to relocate the Watch Room traffic signal control station from the wall to the console. Participating will be WFD, DiNisco, Chick Langone, VHB and Jay Corey.] [12/01/21: Based on the discussions 11/24, it was decided that a set of traffic signal buttons will be added to the console, and the wall buttons would remain. DiNisco, with Chick Langone and Mitchell Associates, will develop a layout of the buttons (signal and OH doors) for installation in the console. It was noted that Brothers Electric will be provided direction on additional in-wall empty conduits to be installed to relocate control buttons to the console.] [01/06/22: As noted under B09.5.04, having the OH door buttons on the console touch screen is being investigated; doing the same with the traffic signal preemption button will also be investigated.]

MA	09/29/21	B09.5.04	Overhead Door Operation: WFD and DiNisco to review control of overhead doors, with WFD giving thought to how operation is desired now and in the future. WFD noted not all doors should open at once because different equipment responds to various calls. WFD noted dispatch will be manned 24/7 and they will be tasked with closing doors. [10/06/21: Chief questioned if fobs for overhead doors will be provided, noting that if each drive through bay is dedicated to a specific vehicle, a fob that opens the rear and apron doors for that bay would be desirable. DiNisco noted overhead door controls have not yet been submitted and will confirm. (Postscript: Nine fobs are specified to be provided.)] [11/03/21: OH door controls have not yet been submitted; G&R reported supplier interest to submit a substitution on the specified controls.] [11/10/21-Postscript: Door controls submitted later on 11/10. DiNisco to review desired operation with WFD.] [11/17/21: DiNisco and Mitchell Associates on 11/16 reviewed OH door operation with WFD. WFD requested that the auxiliary bay and main bay OH doors all be controlled at the dispatch console, and that the fobs in each vehicle operate the front and rear bay doors separately. MA/DiNisco will confirm.] [12/22/21: DiNisco has advised WFD that all OH door switches will not fit in the available area in the console. As an alternative, the design team will look in to having the OH door controls appear on the console touch screen.] [01/06/22: DiNisco noted the use of the console touch screen will be discussed with ALL-COM; DiNisco is holding OH door control submittal until clear direction on how to achieve this can be given.] [01/13/22: DiNisco is working to develop connectivity to console touch screen with as little impact on the specified door controls as possible. In response to DiNisco's question, G&R advised that the door controls themselves are not a long lead item.]
DiNisco	10/06/21		
Langone	11/03/21		
	11/10/21		
	11/17/21		
	12/22/21		
	01/06/22		
	01/13/22		

DE	09/29/21	B09.5.05	Traffic Signal Schedule:
D&R	10/13/21		- Dagle will schedule borings for masts the next two weeks.
G&R	10/20/21		- G&R has scheduled the sidewalk to be completed by 04 July 2022; this requires the new signals to be in place and the existing signals removed.
	10/27/21		- D&R / DE will start signal work in April/May. DE advised that their work installing the conduit across the apron will take a couple days.
	11/03/21		- Lead time for signal mast and arms is six months and new signal must be operational before old signal can be removed.
	11/24/21		[10/06/21: DE has advised borings scheduled for 06/08; DE advised by DiNisco to contact WPD for police detail.] [10/13/21: G&R confirmed borings were taken in three locations last Friday.]
	01/07/22		[10/20/21: G&R noted the boring for the signal hit refusal at about 10 deep. DiNisco and MBC noted that they had not been made aware of DE/D&R raising any issues regarding the borings.]
	01/24/22		[10/27/21: MBC recounted a discussion had with Jay Corey, where it was suggested that G&R (Pelchat) do the lightpole excavation if it worked out with G&R's schedule, such as when Infiltration System #2 is installed nearby. This will be further discussed as the schedule progresses.] [11/03/21: G&R has not yet discussed this with the site sub, but believes this may be possible when the work is done in the spring.]
			[11/24/21: It was discussed that this will be coordinated in the spring once D&R/DE has scheduled the signal work, should it work out with G&R's site subs' schedule.] [01/07/22-Postscript: DiNisco reached out to DE regarding furnishing preemption switch backboxes to be installed in masonry walls by Brothers Electric.] [01/24/22-Postscript: Brothers is responsible for furnishing and installing backboxes for traffic signal preemption switches, and on 01/24 DiNisco issued Field Order #028, revising size of backbox to be provided by Brothers to coordinate with size needed by DE.]

G&R	09/29/21	B10.1.02	Municipal Fire Alarm Conduits: Per LW Bills, two addition 4-inch conduits will be run between the existing Verizon manhole with the sidewalk into the building. Jay Corey recommended DiNisco contact DPW to coordinate Brothers' Verizon manhole work. [10/27/21: G&R noted that should the time allow, the in-street work will be done after the sanitary sewer work is done next week. Otherwise, G&R reported, the conduits will be installed in the spring.] [11/03/21: G&R will verify with Brothers that they have coordinated with Verizon on this work.] [11/17/21: G&R advised the fire alarm conduit work will be done next spring.]
Brothers	10/27/21		
	11/03/21		
	11/17/21		
DiNisco	09/15/21	B10.5	Municipal Alarm Coordination Meeting: DiNisco will set up a coordination meeting to review the status of the off-site and on-site fire alarm communications work. [09/22/21: It was agreed that the municipal alarm coordination meeting will be schedule once the City Engineer confirms a Verizon contractor has been assigned to do the work.] [09/29/21: MBC suggested this meeting be scheduled soon.] [10/20/21: DiNisco stated the coordination meeting will be scheduled when Verizon provides a contractor.] [11/03/21: DiNisco has been informed by MBC that the City is working with Verizon to provide a contractor for the manhole/conduit work at Station 3.] [11/10/21: MBC has provided DiNisco an update, advising that Verizon is in the process of engineering the manhole work and will provide the City with quotes from a Verizon approved contractor to do the work. It is hoped that the conduits can be installed over the winter.] [11/24/21: It was reported by MBC that Verizon has not yet contacted Jay Corey with a quote or contractor for the manhole and conduit work.] [01/06/22: DiNisco has been advised by Jay Corey that Jay Duran / DPW is coordinating with Verizon and will advise as to schedule.] [01/13/22: Jay Duran has advised Chief Kenton of progress on scheduling Verizon's work in the street at Station 3. The chief will so advise LW Bills and also inquire as to LW Bills' schedule for the overhead alarm cable work.]
Langone	09/29/21		
Verizon	10/20/21		
DE	11/03/21		
LW Bills	11/10/21		
DPW	11/24/21		
WFD	01/06/22		
	01/13/22		

G&R	12/09/21 12/22/21 01/06/22 01/13/22 01/20/22	B12.3.01	Tower Foundation Schedule: G&R has contacted Industrial Communications and advised that tower foundation work is expected to begin the week of 02/14. G&R will confirm with Industrial as date gets closer, so that Industrial may schedule a foreman to be on hand. [12/22/21: It was discussed that ledge has been uncovered near the tower foundation area. G&R excavated the area and shall provide spot grades of the top of ledge ASAP, so that the tower manufacturer's engineer can review and advise of any changes in foundation design.] [01/06/22: DiNisco again asked G&R to document ledge depth at tower ASAP.] [01/13/22: G&R does not believe the ledge will impinge on the tower base and will forward the notes from the exploratory work when the superintendent returns from vacation tomorrow.] [01/20/22: G&R stated that they are meeting with the foundation sub on 01/21 to review tower foundation, and G&R will forward information on ledge conditions at foundation after the meeting.]
G&R Industrial LW Bills	08/18/21 09/29/21 01/24/22	B12.4	Tower Erection: G&R stated that the tower erection should begin on or about 03/01/22. Industrial advised that they will need a week to mobilize, with the tower erected in one day, and another week to wire it. [09/29/21: G&R noted that the current baseline schedule does not show the tower; it will be added to the update.] [01/24/22-Postscript: Industrial Communications inquired as to tower erection schedule; G&R to advise.]
G&R Kamco DiNisco WFD	11/03/21 11/11/21 12/03/21 12/09/21 01/24/22	B15.	Door Lock Keying: WFD was asked to think about how the new building should be keyed (i.e. whose key should open what areas). A keying meeting will be scheduled in the near future with WFD, G&R, DiNisco and the hardware supplier. [11/11/21-Postscript: As discussed at the 10/10 job meeting, DiNisco provided WFD with plans showing doors with locks to key. DiNisco established the target date for WFD to provide a keying concept is 01/01/22.] [12/03/21-Postscript: WFD forwarded draft of keying scheme to DiNisco, who will review and forward to G&R.] [12/09/21: DiNisco issued Field Order 21 to G&R with WFD's keying arrangement. G&R's hardware supplier will use this information to develop a keying schedule, which will be reviewed with WFD at a future meeting.] [01/24/22-Postscript: Draft key schedule submitted for review; DiNisco will schedule meeting with WFD.]
DiNisco	11/24/21	B15.2	Doors 115.1 and 113.1: WFD advised that the occupancy of Room 113 will be changed to Payroll/Arson and Room 115 to Permits/Oil Burner. DiNisco noted this will only change the text of the room signage.

- G&R 01/06/22 B17. Primary Service Pole: Eversource has changed the service design and rather than crossing the street underground, they will cross overhead to a new pole on the property. Before the 01/06 meeting, DiNisco, Thompson Engineering, G&R and MBC met with Eversource to locate the on site pole. DiNisco will provide G&R with a dimensioned location of the pole [Postscript: Provided 01/10/22], and G&R will stake its location. Eversource will then be called to come to the site and confirm the staked location and re-vise their engineering drawings accordingly. Eversource intends to install the pole in a month. [01/13/22: G&R reported the site contractor will locate the stake for the pole using his GPS the week of 01/17.] [01/20/22: G&R will set stake 01/21/22.]
- DiNisco 01/13/22 B18. Dispatch Communications: DiNisco, WFD and MBC met with ALL-COMM for an initial review of their communications work. DiNisco will schedule a coordination meeting with ALL-COM and G&R in the near future.
- All-COMM 01/13/22 B18.1 Dispatch Communication Back Boxes: DiNisco will inquire of ALL-COMM if there are back boxes they are to provide G&R for installation. [01/20/22-Postscript: DiNisco forwarded request to ALL-COMM for "specialty" backboxes to be installed by Brothers in CMU Apparatus Bay walls.]
01/20/22

B19.

C. PERMITS & INSPECTIONS

- DiNisco 11/10/21 C17. Occupancy Load Signage: TJQ noted occupancy signage will be required for meeting room.
- UTS 01/13/22 C22. Upcoming Steel Inspections: G&R expects the HQ to be ready for UTS' final inspection 01/18, and the Support Building in 1 1/2-2 weeks. [01/20/22: G&R reported UTS not yet called as final detailing is still being completed.]
01/20/22

C23.

D. CONSTRUCTION SCHEDULE

MBC	10/07/21	D04.3.03	<p>Substantial Completion / Delay Due to Steel Availability: G&R has provided side-by-side bar schedules showing the effect of steel / joist availability, which G&R states has pushed out substantial completion to 30 September 2022. There was discussion as to how best to depict this delay. G&R will formally submit their request for a time extension using graphic schedules showing the impact of steel / joist delivery delays and providing documentation from suppliers documenting the delivery dates. [12/01/21: G&R will be preparing their formal request for time extension based on the recently completed initial CPM schedule.][12/22/21: DiNisco noted that G&R has not yet submitted their extension request, and stated that absent its submission and approval, the specified substantial completion date remains 30 June 2022. G&R intends to submit the time extension request the week of 01/03/2022.] [01/06/22: G&R advised that they will be submitting their time extension request by 01/07. MBC stated that it is hoped that G&R will work to achieve their proposed 09/30/22 Substantial Completion date.] [01/07/22-Postscript: G&R extension request received; DiNisco and MBC to review and respond.]</p>
DiNisco	12/01/21		
	12/22/21		
	01/06/22		
	01/07/22		

MBC	11/10/21	D04.3.04	CPM Schedule: G&R has distributed the CPM schedule and has discussed with MBC other materials for G&R to provide (large format plot of network, float, etc.) prior to scheduling a meeting with MBC and DiNisco to review the schedule. [11/17/21: G&R and MBC have been discussing remaining schedule data MBC requested.] [12/01/21: G&R has completed the CPM schedule and will be formally uploading it to Submittal Exchange. G&R will provide updated CPM schedules monthly at requisition time going forward.] [12/09/21: G&R stated that they will submit an updated CPM Monday, 12/13.] [12/16/21: G&R distributed an updated CAM schedule on 12/15. This schedule showed completion of HQ steel erection sliding twelve days to 12/22 and a corresponding change in the substantial completion date from 09/30/22 to 10/12/22. In response to DiNisco's question, G&R stated that they are working on a recovery schedule to be submitted in early January.] [12/23/21: G&R advised updated schedule will be submitted the week of 01/03/2022.] [01/06/22: G&R advised they are working on the schedule update which they intend to submit 01/07. In response to MBC's question, G&R has not yet forecast a substantial completion date, but will with the completion of the update.] [01/13/22: G&R's first update of the CPM schedule was submitted on 01/07 and is under review by DiNisco and MBC.]
G&R	11/17/21		
	12/01/21		
	12/09/21		
	12/16/21		
	12/22/21		
	01/06/22		
	01/13/22		

- 12/09/21 D21.2.03 Steel Update: G&R reported that steel delivery has
 12/16/21 been slowed by an ice storm in Canada, and now
 12/22/21 expects the remaining steel to be delivered 12/10,
 01/06/22 12/13 at the latest. Sky has told G&R that additional
 01/13/22 crews will be on site next week to complete the HQ by
 01/20/22 12/17. G&R noted full access of the HQ building
 available to the other trades at that time. [12/16/21:
 The remaining HQ steel has been delivered and G&R
 expects the HQ detailing will be completed the week of
 12/20, and advised that the steel for the support
 building is expected on site by 12/31.] [12/22/21: G&R
 advised that Remington has city approval to work
 Friday, 12/24, the holiday, and that the HQ steel is
 expected to be completed Monday 12/27.] [01/06/22:
 G&R advised that the snow forecast for 01/07 will likely
 push completion of HQ steel detailing to 01/10. Steel
 for support building to be delivered 01/11; installation
 of support building steel, including detailing, expected
 to take 1 1/2 weeks.] [01/13/22: Remaining support
 building steel was delivered 01/11 and completion of
 erection expected by 01/21.] [01/20/22: G&R noted
 while a small crew is completing detailing, the erectors
 are out of the way of the other subs.] Record Item.
- 01/20/22 D34. Look Ahead: G&R reviewed the look ahead schedule (attached)
 noting: (Record Item)
 - Steel detailing at HQ to be completed 01/21, at Support Building
 by 01/28.
 - Antenna base prep to start 01/24.
- 01/20/22 D34.1 MBC noted it was good to see the workforce increase
 over the past week and expressed hope that G&R
 makes use of every option and opportunity to make up
 time. Record Item.

D35.

E. SUBMITTAL SCHEDULE

G&R	10/07/21 10/27/21 11/03/21 11/10/21 12/09/21 01/13/22 01/20/22	E07.3	Submittal Schedule Update (Postscript): DiNisco asked G&R to provide an update as to when the remaining submittals / resubmittals will be made. [10/27/21: It was discussed that yet to be submitted items include ATC ceilings, Division 10 items and the steel stud resubmittal.] [11/03/21: G&R noted that several miscellaneous metal submissions are forthcoming.] [11/10/21: G&R expects remaining finishes submittals to be made the next couple weeks, as will be the remaining miscellaneous iron items.] [12/09/21: G&R will update the schedule showing remaining submittals to be made.] [01/13/22: In response to DiNisco's question, G&R reported all schedule critical submissions have been made, with only miscellaneous items and some finishes yet to be submitted.] [01/20/22: G&R stated that they will have a submittal schedule update next week.]
---	01/20/22	E07.3.01	MBC expressed concern whether delays in submissions are holding up any deliveries. G&R reported that they have met with the subs to review deliveries and no issues currently are anticipated. Record Item.

E08.

F. SUBMITTALS

G&R	05/14/21	F10.	Construction Indoor IAQ Plan to be submitted within 21 days of NTP.
G&R Facades	12/09/21 01/06/22	F39.	Metal Panel Submission: DiNisco briefly reviewed with G&R the latest metal panel shop drawing submission, which was again returned Revise and Resubmit. G&R will review submittal deficiencies with the subcontractor. [01/06/22: G&R noted they have reviewed shop drawing issues with the subcontractor.]
G&R Facades	01/13/22	F39.1	Metal Panel Shop Drawings: before the job meeting DiNisco reviewed with Facades and G&R DiNisco's most recent shop drawing review comments, which included difficulties reading CAD file line weights, missing specified scope and details. Facades and G&R will resubmit as discussed.

TEC	01/06/22	F43.	Lighting Controls: DiNisco advised that the lighting controls are being held because the resubmittal of the light fixture package is required to complete its review. DiNisco also noted that the light fixture package was returned Revise and Resubmit some time ago and it is recommended that it be resubmitted soon to avoid potential delivery delays. [01/13/22: Lighting resubmittal received and under review.]
DiNisco	01/13/22		
---	01/20/22	F45.	Submittal Log: G&R distributed the log with priority items highlighted (attached). Priorities are light fixtures and roofing. Record Item.

F47.

G. COORDINATION DRAWINGS

G&R Subs	01/06/22	G06.2	Coordination Drawings: G&R reported that the subs are revising the area under the precast plank and are preparing related cost proposals. G&R does not expect any other coordination issues, noting the HQ admin area and the support building are coordinated. Drawings will be submitted shortly for review/record.
G&R Subs DiNisco	01/13/22 01/20/22	G06.2.01	Coordination Meeting: G&R noted one more meeting may be required to cover the precast plank area after the drawings have been revised and to solve ductwork clearance issue in the kitchen. [01/20/22: The next coordination meeting is 01/21.]

G07.

H. PAYROLL REPORTS

--- 11/10/21 H12. Payroll Reports: MBC noted that no reports have been submitted
 12/01/21 by steel erector to date. [11/17/21: MBC noted subs reports are
 12/09/21 coming in, with the erector's noted to be three weeks out this
 12/16/21 week.] [11/24/21: MBC noted that Remington Steel has not yet
 12/22/21 submitted any reports and requested that G&R reach out to them.]
 01/06/22 [12/01/21: MBC noted no reports have been submitted by
 01/13/22 Remington to date, and G&R was requested to again reach out to
 01/20/22 them.] [12/09/21: MBC reported Remington has still not yet
 submitted any reports, and also noted that Brothers Electric has
 fallen behind in reporting. G&R to contact subs.] [12/16/21:
 MBC noted Araujo and Pelchat are now behind, and nothing has
 come in from Brothers and Remington. G&R continues to contact
 subs to catch up with their reports.] [12/22/21: MBC noted subs
 are still delinquent; G&R will withhold payment from those subs for
 November.] [01/06/22: MBC reported no change in delinquent
 subs, and G&R is holding their payments for November.]
 [01/13/22: MBC reported that there has been no change in the
 status of delinquent reports.] [01/20/22: MBC reported that,
 except for the crane operator, payroll reports are up to date.]
 Record Item.

H13.

I. REQUISITIONS

--- 12/22/21 I16. December Pencil Requisition: G&R will submit December Pencil
 01/06/22 requisition the week of 01/03/22. [01/06/22: Pencil requisition
 01/13/22 submitted and is under review.] [01/13/22: Final requisition
 signed at the 01/13 meeting and forwarded to the City for
 payment.]

I17.

J. CHANGE ORDERS

Woburn 10/20/21 J09. CR Log: G&R reviewed the CR Log (attached). G&R will delete
 10/27/21 the "Dumpster Charges" where discussed until a representative
 11/03/21 percentage can be mutually agreed on. DiNisco will prepare
 11/10/21 Change Order #4 to include all approved CR's to date. G&R
 12/09/21 reported that the subcontractors have been directed to perform
 the approved work. [10/27/21: DiNisco provided copies of
 Change Order #4 to G&R for signature. After signature, G&R to
 return CO's to site so that MBC may deliver for Mayor's signature.]
 [11/03/21: G&R brought signed CO #4 to the job meeting. MBC
 will deliver to City Hall for execution.] [12/09/21: G&R noted they
 have not received a fully executed copy of CO #4; City to
 distribute.]

DiNisco 01/13/22 J15. Change Request Log: The Change Order log was reviewed
01/20/22 (attached). DiNisco will prepare a change order incorporating the CR's approved to date. [01/20/22: The log as of 01/19/22 was reviewed (attached). DiNisco has approved CR 18-R3 (drywall revisions) and this will be included on Change Order #5. If CAM revises CR 27 - Fire Dampers, that can be included as well.]

J16.

K. CONSTRUCTION CHANGE DIRECTIVES (CCD)

K07.

L. FIELD ORDERS

L06.

M. PROPOSAL REQUESTS

M07.

O. REQUEST FOR INFORMATION

--- 11/03/21 O25.1 RFI 59: The hardware supplier has proposed
11/10/21 substituting the specified and submitted keying system
11/11/21 for another manufacturer's for a "VE" credit. WFD
01/06/22 confirmed that there is no "universal" keying among
01/13/22 WFD's buildings, and a different system would not be
an imposition. G&R will inquire why the substitution is
being proposed (lead time?). DiNisco will review with
hardware consultant. [11/10/21: G&R reported that
reason for proposed substitution is availability / lead
times.] [11/11/21-Postscript: RFI 59 returned with
proposed substitution accepted. G&R / supplier to
provide credit.] [01/06/22: PCO 038 submitted;
DiNisco to review proposed credit.] [01/13/22: Credit
approved.] Record Item.

DiNisco 11/17/21 O27. RFI Log: The RFI Log was reviewed (attached). G&R noted
Araujo's shower stall question was actually related to the CMU
"hot zone" showers, as such does not apply. DiNisco noted that
they will issue a field order clarifying the tile detail at the bunk room
shower stalls.

DiNisco 01/06/22 O33. RFI Log: The RFI Log was reviewed (attached). RFI 070-Elec
01/13/22 Device Height Coordination is the only open RFI. [01/13/22:
DiNisco will issue field order covering devices not addressed by
RFI 070 response.]

--- 01/20/22 O35. RFI Log: The RFI log was reviewed (attached). RFI 073 - Scupper
Drain Finish, is only open item. Record Item.

O36.

P. DEMOLITION

P01.

Q. SITE WORK

---	06/16/21 10/13/21 11/10/21 12/01/21 12/09/21 12/16/21 01/06/22 01/13/22	Q10.1	Site Improvement / Landscaping Meeting: A separate meeting will be scheduled with Brown Sardina to review site improvements and landscape pre-construction items. [10/13/21: G&R expects this meeting to be scheduled in April.] [11/10/21: Meeting will be scheduled in December as recommended by Brown Sardina. Tentative date is 12/15 (week after envelope meeting).] [12/01/21: With the change in job meeting days, this meeting will take place on 12/16.] [12/09/21: G&R will confirm that this meeting is still on for 1:00 PM, Thursday, 12/16.] [12/16/21: The meeting will take place at 1:00 PM Thursday, 01/06/22.] [01/06/22: G&R to confirm with landscape sub a meeting at 1:00 01/13; the meeting will be a web meeting.] [01/13/22: DiNisco, MBC, G&R, BSI and Viking participated in a pre-landscape meeting, with the following discussed.] Record Item.
---	01/13/22 01/20/22	Q10.1.01	Landscaping Schedule: G&R / Viking advised that they intend to plant in fall 22, after the hot weather is over. [01/20/22: See Item Q10.1.07.] Record Item.
---	01/13/22 01/20/22	Q10.1.02	Landscape Submittals: Viking advised that they intend to source the plants from Site One, who BSI noted they have had good experience with. BSI noted availability has been a problem and recommend that procurement begin soon; Viking will work with Site One to submit the plant list the end of February. Once plants are at the nursery, BSI will go there and tag. Plant photos are not required unless Viking needs to go elsewhere for a plant. BSI recommended Viking review project specification for submittal requirements. [01/20/22: See Item Q10.1.07.] Record Item.

RJP G&R	01/13/22 01/20/22	Q10.1.03	Loam Submittals: G&R advised that the site contractor, RJP is responsible for importing and spreading loam. BSI cautioned that should RJP elect not to use on of the specified sources (G&R said they were not), the testing process for each loam component and subsequent mix is time consuming (assume two months) and the submittal / testing process should begin soon. G&R will review spec requirements with RJP. [01/20/22: G&R noted RJP is reaching out to loam sources named in the specification.]
---	01/13/22 01/20/22	Q10.1.04	Subgrade Maintenance: Because Viking is not placing loam BSI recommended they verify the specified subgrade requirements have been met by RJP, including loam depth at lawns (6 inches) and beds (18 inches) and subgrade scarification. BSI noted scarification will be critical to plant survival, and noted that on some projects the OPM has verified and marked compliance on a print while scarification is being done. G&R stated a preconstruction meeting will be scheduled with Viking and RJP prior to this work beginning. [01/20/22: See Item Q10.1.07.] Record Item.
---	01/13/22 01/20/22	Q10.1.05	Plant Installation: BSI noted specifications call for Viking to stake trees and distribute potted plants in beds for BSI's review; this way, should BSI direct plants to be relocated, they do not need to be redug. [01/20/22: See Item Q10.1.07.] Record Item.
G&R RJP	01/13/22	Q10.1.06	Irrigation Sleeves: G&R advised that RJP will be installing the specified sleeves under pavements for future irrigation installation by WFD; WFD noted if they should decide to install irrigation it will be well after the project is completed. It is agreed that G&R will well document sleeve locations on the as-built drawings and by markers.
G&R Landscape Sub	01/20/22	Q10.1.07	Landscape Subcontractor: G&R advised that Viking has backed out of the project and G&R will be signing another contractor yet to be determined. DiNisco, noting previous discussions as to plant availability, urged the submission of the plant list in February.

G&R	11/17/21	Q16.2	Gas Service: G&R reported that NGrid has not heard from DOT on permit. However, because NGrid now does not want to cap the service at the property line, NGrid has decided to install the service in the spring, when it can be run fully to the gas meter. G&R reported that there will be no further in-street work until spring. [11/24/21: In response to MBC's question, G&R replied they believe NGrid has everything they need to install the gas service, and NGrid has decided to schedule the installation for next spring.] [01/07/22-Postscript: DOT issued the permit to Eversource with WFD copied. Permit has been forwarded to G&R for their info.]
NGrid	11/24/21		
	01/07/22		
G&R	01/13/22 01/14/22 01/20/22	Q22.2.01	Ledge Removal at Walls: G&R noted that, for a variety of reasons, RJP prefers to drill and remove the ledge rather than modify the wall, and G&R feels that it will be less costly as well. G&R will be submitting the cost comparisons soon as they want to remove the ledge at wall #2 (south wall) ASAP so that the unitized wall behind the tower can be completed. G&R did advise that the costs they intend to submit for removing ledge by drilling will exceed the specified Unit Prices, which are felt to be insufficient to cover the cost. DiNisco stated that G&R submitted a bid based on the specified Unit Prices, which G&R acknowledged. [01/14/22-Postscript: Cost comparison submitted by G&R for DiNisco and MBC review on 01/14.] [01/20/22: DiNisco responded to G&R's cost comparison on 01/17. G&R reported that they intend to submit a cost proposal for addressing the ledge at the walls. DiNisco disagreed with G&R's premise for submitting a claim, stating ledge removal, by either blasting or non-blasting means, as well as the unit costs for variance in specified ledge quantities were specified to be included in G&R's bid.]

Q23.

R. ARCHITECTURAL

---	12/01/21	R02.3	Envelope Pre-Constructon Meeting: G&R convened the envelope meeting, reviewing the agenda (attached). Issues discussed included the following:
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Commercial G&R	12/01/21 01/06/22 01/20/22	R02.3.01	Liquid Applied A&VB: Commercial advised that the weather will be too cold to use the specified and approved Carlise Barriseal air and vapor barrier which requires temperatures of 40 degrees or more. Commercial provided a cut sheet of Barritech NP-LT, which can be applied in temperatures as low as 20 degrees, but noted the product is more expensive. DiNisco advised that alternative products would be considered at no additional cost to the Owner. Commercial and G&R will further discuss. [01/06/22: G&R reported which material to use based on schedule is still being considered.] [01/20/22: G&R noted a decision has not been made yet on the A&VB to be used and that they may submit the alternate product in case temperatures warrant it.]
---	12/09/21	R04.1	Pre-Slab Construction Meeting: G&R convened the meeting, reviewing the agenda (attached). Issues discussed included the following:
FBRA	12/09/21 01/06/22 01/20/22	R04.1.06	Finishing Equipment: While it is not intended to use large, heavy finishing equipment on the second floor, it was agreed that G&R will submit data on the weights of equipment being used. [01/06/22: G&R to submit.] [01/20/22-Postscript: Weights of equipment submitted for FBRA review.]
G&R	12/09/21	R04.1.09	After Hours Work: The police department shall be advised in advance of concrete finishing that will extend after 5:00 PM.
MBC	09/22/21 01/20/22	R05.	Window Testing: DiNisco confirmed that windows will be tested in place, beginning with the windows in the sample panels, with the testing performed by the owner's testing agents (UTS). DiNisco noted that there is no independent BECxA responsible for the envelope, and DiNisco will be reviewing envelope construction. [01/20/22: MBC will check with UTS on performing window testing.]

DiNisco 10/20/21 R06. Extractor Trough: G&R noted that the extractor trough (Detail
12/22/21 13/6.1.03) at 16 inches deep will partially be on top of the strip
footing, and asked if the epoxy finish would satisfactorily
waterproof the trench. G&R proposed instead making the trench
13 inches deep and pouring a constant 3-inch thick bottom.
DiNisco will review and advise. [11/03/21: DiNisco advised G&R
that the capacity of the trench is determined by the extractor
discharge volume and cannot be diminished as suggested.
DiNisco noted that the 15 inch \pm long joint between the trench
bottom formed by the footing and the remainder of the trench may
only need to be treated like any other cold joint by the epoxy floor
installer. DiNisco recommended G&R review this with the epoxy floor
sub.] [12/22/21: G&R advised that the floor sub stated that
the cold joint should be avoided. DiNisco to recalculate trench
capacity with 2" mud slab at bottom as suggested by G&R.]

R09.

S. STRUCTURAL

S08.

T. FIRE PROTECTION

T04.

U. PLUMBING

U03.

V. HVAC

V01.

W. ELECTRICAL

W03.

X. HAZARDOUS MATERIALS

X01.

Y. MISCELLANEOUS

Y15.

ZA. COMMISSIONING

G&R 10/20/21 ZA03. Commissioning Kick-off Meeting: It was agreed that a
Consultants 11/09/21 commissioning kick-off meeting will be scheduled at an
DiNisco 01/13/22 appropriate time. Attending will be the MEP subs and DiNisco's
Subs MEP consultants, who will be performing the commissioning.
[11/09/21: DiNisco advised that the kick off meeting will be
scheduled after all HVAC equipment and controls have been
submitted and approved.] [01/13/22: DiNisco stated a Cx kick-off
meeting will be scheduled after BAS controls are submitted.]

ZA04.

ZB. CONSTRUCTION CLOSEOUT

--- 09/01/21 ZB10. As-Built Drawings: MBC urged G&R to keep up with the as-built
09/29/21 drawings, especially underslab and site utility work being
concealed. MBC and consultants will review monthly. [09/29/21:
G&R reported that below slab installations are following the
underslab coordination drawings.]

ZB11.

ZZ. CONSTRUCTION PROGRESS

--- 01/20/22 ZZ30. Construction Progress: The Architect walked the site and
observed the following: (Record Item)
- Mason laying CMU back up on south wall of auxiliary bay.
- Deck spread on support building structure.
- Windows being installed in mock up wall.
- MEP trades performing lay out.

ZZ31.

The next on-site Job Meeting will be held **Thursday, January 27, 2022 at 1:00 PM at the Job Site.**

The discussions of this meeting are recorded as understood by the writer, who should be notified of any omissions or corrections. Unless the writer is notified to the contrary, these notes are presumed to be correct.



Richard N. Rice
DiNISCO DESIGN

RNR/meh

cc: Mayor Scott Galvin
Tom Quinn, Building Commissioner
Paul D'Amore, Building Inspector
Jay Corey, City Engineer
Jay Duran, DPW Superintendent
Justin MacCutcheon, Deputy City Auditor
Donald Kenton, WFD
George Poole, WFD
Pat Saitta
Dick Murphy
Janet Bernardo
Mary Hall
Heather Audet
Bill Brown
Joe Strayer
Jon Buhl
Steven Belanger
Rachel Blandford
John Sousa
Frank Stramaglia
Semoon Oh
Jared Humphreys
Kevin Murphy
Eric Ganz
Scott Goodrich
Chick Langone
Bob Mitchell
Ken Gale
James Alexander
Anne Woodacre
Bob Morel
Ian McCallion
Dan Aylward
David Bacchiocchi

Enclosures: G&R 3-week Look Ahead dated 01/20/22
G&R Submittal Log dated 01/19/22
G&R RFI Log dated 01/19/22
G&R CR Log dated 01/19/22



Report By: Cullen Humfries

Report Type: Open Items

Date: 1/19/2022

Project: Woburn Fire Headquarters

Total Items: 9

Log: Submittal

Days Open Calculated by: Calendar Days since date Initially Created

<u>Section</u>	<u>Item#</u>	<u>Description</u>	<u>Supplier or Manufacturer</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>Action</u>	<u>B-I-C</u>	<u>Days Open</u>
062000 Finish Carpentry	062000-001-1	Resubmittal of Millwork Shop Drawings		01/04/2022	01/04/2022					Consultant,Arch	15
070002 Roofing & Flashing	070002-004-1	Resubmittal of Roofing Shop Drawings		01/10/2022	01/10/2022					Consultant,Arch	9
083613 Sectional Doors	083613-002-0	Door Control Product Data	OHD Southeast		11/10/2021	11/12/2021			R-AAN	Consultant,Arch	70
090007 Painting	090007-001-1	Resubmittal of Paint Product Data		01/03/2022	01/03/2022					Consultant,Arch	16
260001 Electrical	260001-011-2	Resubmittal of Light Fixture Product Data & Cut Sheet		01/12/2022	01/12/2022					Consultant,Arch	7
260001 Electrical	260001-011-3	S3 Light Fixture & P6 Calculations	Brothers Electric	01/14/2022	01/14/2022					Consultant,Arch	5
260001 Electrical	260001-016-0	Light Fixture Color Chips	Brothers Electric	01/10/2022	01/10/2022	01/10/2022			O	Consultant,Arch	9
260943 Network Lighting Control System	260943-001-0	Network Lighting Control System Package	Brothers Electrical	09/13/2021	09/13/2021					Consultant,Arch	128
275100 Master & Secondary Clock System	275100-001-1	Resubmittal of Master & Secondary Clock System Product Data & Master & Secondary Clock System Shop Drawings		01/07/2022	01/07/2022					Consultant,Arch	12



Report By: Cullen Humfries

Report Type: Open Items

Date: 1/19/2022

Project: Woburn Fire Headquarters

Total Items: 1

Log: RFI

Days Open Calculated by: Calendar Days since date Initially Created

<u>Category</u>	<u>Item#</u>	<u>Description</u>	<u>Date from Subcontractor</u>	<u>Date from GC</u>	<u>Review by Consultant</u>	<u>Review by Architect</u>	<u>Return to Subcontractor</u>	<u>B-I-C</u>	<u>Days Open</u>
Plumbing	073	Scupper Drain Finish Styles	01/12/2022	01/12/2022				Consultant, Arch	7

Change Request Log by Status

G & R CONSTRUCTION, INC

Date: 1/19/2022

21-005 Woburn Fire Headquarters

Number	Date	Description	Amount	Change Order
Not issued				
4	8/31/21	(Unit Pricing) Foundation Excavation Changes		Will Track through Phase 2 Site.
6	6/29/21	(Steel Delay) Extension of Time Request		Will Schedule a meeting to review Update #01
16	10/1/21	(FO #011) Seat Angle at Column F.5 thru 14.9		
28	12/9/21	(PR #012) Delete Benches & Lockers at Exercise 127		
30	12/8/21	(FO #021) Preliminary Door Keying Schedule		Awaiting confirmation submittal
34	1/12/22	Added Digital Locks at Lockers		
35	12/23/21	Ledge at Wall No. 2		Will confirm price once we confirm drainage work for wall re-design
36	12/29/21	(PR #014) Delete Lights at Storage 108		
37	12/30/21	(PR #013) Various Changes per RFI#65R		Pricing pending Coordination Meeting this Friday
39	1/10/22	(PR #016) Exterior Lighting Revisions		
40	1/12/22	(PR #015) Eversource Utility Pole		
Not Issued Total			0.00	
Submitted				
18-R3	1/19/22	(PR #007) Miscellaneous Revisions to GWB Scope	4,951.54	
22-R1	11/23/21	(PR #009) Additional FDC for Training	3,029.27	Approved
23-R1	12/9/21	(PR #010) - Added Beam at Stair B	5,323.23	Approved
25	11/9/21	(RFI #053) Gas Line Modifications at Support Building	1,327.56	Approved
27	1/5/22	(PR #011) Fire Dampers at Fire Pole 205	2,127.16	
31	1/12/22	(FO #018) Hardware Function Change at Toilet Room Doors 124.1 & 125.1	529.81	Approved
38	1/6/22	(RFI #059) Door Hardware Credit	-5,000.00	Approved
Submitted Total			12,288.57	
Approved				
1	6/22/21	FSB Electrical Re-bid (For Owner Issued CO)	72,000.00	1
2	6/22/21	FSB HVAC Re-bid (For Owner Issued CO)	77,000.00	2
3	8/31/21	(FSB Electrical Re-bid) Generators for Trailer Temp. Power	1,514.66	3
5	6/29/21	(PR #001) Move Temporary Construction Fence	1,816.60	3
7-R2	10/21/21	(PR #002 and CCD #003) Additional Municipal Fire Alarm Conduit	8,610.60	4
8-R2	10/15/21	(PR #003) Additional Floor Box at Conference Room 123	2,701.29	4
10-R1	10/1/21	Radio Tower Foundation Change	2,820.50	4
11	8/24/21	(PR #004) Site Utility Revisions	1,335.25	4
13-R1	10/1/21	(PR #005) Venting Changes at O/S	9,152.96	4
15-R1	10/21/21	(PR #006) Revision to Trench Drain Venting at Apparatus Bay	9,490.88	4
21	10/21/21	(PR #008) - Power & Data at Support Building Counter	1,744.14	4
Approved Total			188,186.88	
Voided				
9	8/16/21	(FO #005) Backfill at Sanitary Line at Grid Line 17 - Flowable Fill		
12	9/3/21	(FSB Electrical Re-bid) Generator Rental for Trailers - Additional Months	2,765.90	
14	9/17/21	(Protest) Utility Company Costs for New Pole & Additional Months of Generator Rental	11,128.91	
17	9/28/21	(FO #012) Refrigerator Swap at Support Building Office		