



## Memorandum

February 07, 2020

To: Mr. Anthony Jacque-Plans Examiner  
Division of Industrial Compliance  
Bureau of Building Code Compliance  
6606 Tussing Road  
Reynoldsburg, OH 43068-9009

Project: Chagrin Falls Police & Fire Renovations  
21 W Washington Street  
Chagrin Falls, OH 44022

**Project #:2018020653**

We submit the following clarifications, revisions, and comments for your review and approval. Comments are organized per Correction Letter No. 3 from Anthony Jacques, dated August 16, 2019, and they are reproduced below for reference. Responses are in bold italics. Clarifications made to the drawing set in response to these comments and owner's comments have been clouded as Revision #4. Please call if you have any questions or concerns.

Note: The Village has elected to replace the Booking Room and Booking Restroom with a Storage/Electrical room and enlarged Duty Room. Refer to item #4 below.

- 1) No submittal received. Shop drawings or construction documents have not been received for fire suppression systems to date. The sprinkler system, standpipes and their components, system design, water supplies, acceptance tests, alarms, fire department connections, installation of pipes and fittings and their support from the building structure, protection of piping against damage, use of approved listed valves, hangers, sprinkler heads, supervision, identification devices, inspection, maintenance, etc. shall be detailed to conform to the requirements of the systems referenced in Section 903.3 OBC. Such details shall include calculations and graphic data showing sprinkler spacing, water supply, sizes of piping and fittings, and identification of apparatus and devices.

***Acknowledged. Shop drawings for the fire suppression systems will be submitted at a later date after selection of a general contractor. The Village is still bidding out the project and the Fire Department is attempting to raise additional funds.***

- 2) No submittal received. Shop drawings or construction documents have not been received for fire alarm/detection systems to date. Shop drawings for fire alarm and smoke and fire detection systems shall be submitted for review and approval prior to system installation, and shall include, but not be limited to, all of the items listed in 907.1.2 OBC.

***Acknowledged. Shop drawings for the fire alarm/detection systems will be submitted at a later date after selection of a general contractor. The Village is still bidding out the project and the Fire Department is attempting to raise additional funds.***

- 3) No Payment received. Processing and plan review fees shall be paid for sprinkler and fire alarm scopes of work. OBC 115.

***Acknowledged. Processing and plan review fees will be paid for sprinkler & fire alarm systems after a certified contractor has been selected and the scope/design determined.***

(continued)

ARCHITECTURE

PLANNING

INTERIORS

Telephone:440.247.3990 Fax:440.247.3285 Email:[mail@rsaarchitects.com](mailto:mail@rsaarchitects.com) Url:[www.rsaarchitects.com](http://www.rsaarchitects.com)

- 4) The fire shutter in Corridor 110 makes the corridor a dead end in accordance with OBC 1020.4. Remove the sensor release devices on doors 102A and 102B if these are means of egress from the corridor. The documents still show sensor release devices on the egress side of egress doors. Sensor release devices (card readers, key pads, magnetic locks, elec. strikes, etc.) are allowed on egress doors in use group or occupancy A, B, E, 1-1, 1-2, 1-4, M, R-1 and R-2 where they meet all six items in OBC 1010.1.9.8.

*The owner has elected to remove the "Booking Room" and "Booking Restroom" and replace it with (1) a Storage/Electrical Room (rm#102) and (2) an enlarged Duty Room (rm#104). "Booking" is to take place at neighboring law enforcement agencies in accordance with agreements set in place with the Village. Doors with "sensor" devices on both the entrance & egress sides of the doors have been removed from the project. With an occupancy of less than 30 people and a max. travel distance less than 75ft, just one exit is required, however two doors (#102A & #104A) are being identified as exits for the space (Fire Area "D"). Both of these exterior doors are to be 45min fire rated doors w/ fire rated panic hardware.*

*A-101: 1<sup>st</sup> Floor Life Safety Plan*

*A-111: 1<sup>st</sup> Floor Construction Plan*

*A-121: 1<sup>st</sup> Floor Reflected Ceiling Plan*

*A-201/A-211: Exterior Elevations*

*A-301: Building Sections*

*A-401: Enlarged Restroom Plans*

*A-601/A-602: Door & Finish Schedules*

*M-1: Mechanical Drawings*

*P-1/P-3/P-5: Plumbing Drawings*

*E-1/E-3/E-4: Electrical Drawings*

- 5) No submittal received. Shop drawings or construction documents have not been received for cooking equipment hood fire suppression systems to date. Type 1 hoods are required to be protected with fire suppression systems in accordance with OMC 509.1. Submit evidence of conformance for wet chemical sprinkler systems for exhaust hood fire suppression with NFPA 17a. The construction drawings for hood suppression shall be drawn to scale with working dimensions on standard size drawing sheet and shall be adequate, sufficiently clear, comprehensive and detailed; section 106.1.1 OBC.

*Acknowledged. Shop drawings for the cooking equipment hood fire suppression system will be submitted at a later date after selection of a general contractor. The Village is still bidding out the project and the Fire Department is attempting to raise additional funds.*

(continued)

- 6) No submittal received. Shop drawings or construction documents have not been received for cooking equipment exhaust hoods to date. Type 1 exhaust hoods are required where cooking equipment produces grease or smoke. OMC 507.2.
- a. Provide type 1 exhaust and hood fire suppression for the range cooking appliance in accordance with OMC 507.2.1.
  - b. Hood design shall comply with section M-507.0 OBBC. Provide U.L. 710 listed pre-manufactured hoods or show compliance with OMC 507.4, 507.5, 507.7, 507.12, 507.13, 507.14, 507.15 and 507.16. Provide sections and details.
  - c. A type 1 hood shall be installed with a clearance to combustibles of not less than 18 inches. OMC 507.9.

***Acknowledged. Shop drawings or listed pre-manufactured documentation for the cooking equipment exhaust hoods will be submitted at a later date after selection of a general contractor. The Village is still bidding out the project and the Fire Department is attempting to raise additional funds.***

- 7) No submittal received. Provide a revised note showing the design professional's responsibility. The documents indicate that the design is based on owner provided documents. The design professional in charge shall verify all existing conditions and shall certify with his/her seal all information provided on the documents. OBC 106.2.

***The following note has been added to the cover sheet (A-001)"Where my stamp & signature are affixed, to the best of my knowledge & understanding, the existing conditions portrayed within the construction documents are true and accurate as best as can be explored, investigated, and researched within the capacities of a design professional allowed by the State of Ohio." In addition, the note" per owner provided documents" has been removed from various locations on the 1<sup>st</sup> floor Life Safety Plan(A101)***

Sincerely,



Richard E Siegfried A.I.A. NCARB  
RSA Architects, LLC.