

Addendum #1

Issued April 24, 2024

The following information changes the RFT documents issued on April 12, 2024.

Item 1: See 'Addendum No. 1' dated April 23, 2024 issued by the Consultant (9 pages)

End of Addendum #1

April 23, 2024

Renovations to Waterdown District High School
215 Parkside Drive
Waterdown, Ontario
BJC project No. 23-075

ADDENDUM No. 1

The following addition, deletions and amendments are hereby made a part of the Specifications and Drawings for the above referenced Contract.

ARCHITECTURAL SPECIFICATIONS

Item 1.0 **Finish Door Hardware Schedule**

- 1.1 Reference Specification Section 08 71 00 'Door Hardware' and attached Finishing Hardware Specification prepared by Group 87 Architectural Hardware inc, dated February 21, 2024 (8 pages).
- 1.2 Supply and installation of all door hardware is to be included in the bid amount.

Item 2.0 **Toilet Compartments**

- 2.1 Reference Specification Section 10 21 13.13 'Composite Toilet Partitions'.
- 2.2 Toilet partitions are to be supplied as per specifications.
- 2.3 For clarification, alternate products are not approved for this project.

MECHANICAL DRAWINGS

Item 1.0 **Vape Detector**

- 1.1 Reference Mechanical Drawing M-30(03).
- 1.2 Provide new ceiling mounted vape detector in Boy's Washroom (1223).
- 1.3 Vape detector to be Model XVD2200 manufactured by Zeptive.
- 1.4 Detector shall have capability to be powered over ethernet (PoE) complete with internal backup battery.
- 1.5 Detector shall have advanced detection of vape & smoke, particulates, THC differentiation, motion, chemical (VOC), and temperature.
- 1.6 Detector shall be provided complete with an integrated tamper sensor, tamper resistant screws and wire guard.
- 1.7 Provide new PoE connection for the new vape detector from the nearest ethernet source. Coordinate work with the School's IT department.
- 1.8 New Detector to be installed per the manufacturers recommendations to ensure an adequate detection coverage of the space.

END OF ADDENDUM NO. 1

FINISHING HARDWARE SPECIFICATION

FOR

WATERDOWN SECONDARY SCHOOL
WASHROOM & CHANGEROOM RENOVATIONS

215 PARKSIDE DRIVE
WATERDOWN, ON

ARCHITECT: BJC ARCHITECTS + ASSOCIATES INC.
RR#2 8016 ON-7
GUELPH, ON

CONTRACTOR:

SUPPLIER:



GROUP 87

ARCHITECTURAL HARDWARE INC.

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CONSULTANT: **GLEN C. WIKKERINK**

DATE: February 21, 2024

REVISION:



PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Supply of finishing hardware as listed in the hardware schedule, 3.06
2. Supply of bolts, screws, expansion shields and special fastening devices required to properly install finishing hardware.
- 3.

B. Related Sections:

1. Installation of finishing hardware.
2. Metal doors and frames.
3. Wood doors.
4. Roll-up doors and fire shutters.
5. Aluminum door hardware.
6. Toilet partition hardware.
7. Miscellaneous specialties.
8. Power connection to automatic door operators. Provision of conduit between operators and activators, power connection to electric hold open devices, section 16000.

1.02 REFERENCES

1. Hardware for Labeled Fire Doors.
2. N.F.P.A. 80. Fire Doors and Windows.
3. N.F.P.A. 101. Life Safety Code.
4. N.F.P.A. 105. Installation of Smoke Control Door Assemblies.
5. Ontario Building Code.

1.03 SUBMITTAL

1. Make submittal in accordance with section 01340.
2. Prepare a detailed finishing hardware schedule itemizing each opening. List all doors by number including size, hand, swing and any and all relevant details effecting the application of finishing hardware.
3. Submit catalogue cuts of all proposed hardware.
4. Submit samples for approval as required.
5. Submit template information to the General Contractor for preparation of product in related sections' and installation of finishing hardware.
6. Prepare for review a detailed key schedule.
7. Submit wiring diagrams and a description of operation for electrified hardware systems specified.
8. Upon job completion, submit to the owners two 'Owners Operation and Maintenance Manuals' containing the following information:
 1. Maintenance instructions for each item of hardware.
 2. Final Hardware Schedule.
 3. Final Keying Schedule.

1.04 QUALITY ASSURANCE

1. Proposed substitutions must be approved by the Architect prior to submission of tender.
2. The hardware supplier must be regularly involved in supplying and expediting contract hardware for projects of this nature. The supplier must employ a certified **"Architectural Hardware Consultant"** to co-ordinate and oversee scheduling, ordering and the supplying of finishing hardware.

1.05 DELIVERY, STORAGE AND HANDLING

1. Hardware is to be delivered to the site in the Manufacturers original packaging. Each item of hardware to be clearly marked with the door number and item number corresponding to the approved hardware schedule. The General Contractor shall receive, check and be responsible for all items of hardware delivered to the jobsite.
2. Hardware supplier to co-ordinate delivery of hardware to the site or to the appropriate parties as noted in section 1.01.B "Related Sections" for installation.
3. Prior to delivery to the jobsite, a dry, secure room is to be provided for storage of the finishing hardware.

1.06 WARRANTY

1. Provide a minimum one year warranty for finishing hardware.
2. Provide a minimum ten year warranty for door closers.
3. Warranty to commence from date of Substantial Completion.

1.07 MAINTENANCE

1. Provide three wrenches for door closer adjustment.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- | | |
|------------------------------|------------------|
| 1. Hinges | Ives |
| 2. Exit Devices | Von Duprin |
| 3. Locksets | Schlage Lock Co. |
| 4. Cylinders | Schlage Lock Co. |
| 5. Door Pulls | Standard Metal |
| 6. Door Closers | LCN Closers |
| 7. Overhead Stops | Glynn-Johnson |
| 8. Push, Kick, Armor Plates | Standard Metal |
| 9. Floor, Wall Stops | Standard Metal |
| 10. Thresholds, Weatherstrip | KN Crowder |
| 11. Signage | Frost |
| 12. Auto Door Operators | Micom |

2.02 MATERIALS

1. All hardware shall be supplied complete with the necessary screw, bolts and other fasteners so as to anchor in position all finishing hardware to the Consultants approval. Exposed fasteners to be finished to match hardware. When a door pull is utilized on one side of the door and a push plate on the other, the plate is to be applied so as to conceal the door pull fasteners.

2. Hinges:
Specified: Five knuckle 5BB1 series by Ives
Acceptable Substitute:

3. Continuous Hinges
Specified:
Acceptable Substitute:

3. Locksets:
Specified: L SERIES Schlage
Acceptable Substitute:

4. Exit Devices:
Specified:
Acceptable Substitute:

5. Door Closers:

Specified: 1461 series by LCN
Acceptable Substitute:

Specified:
Acceptable Substitute:

6. Overhead Stops:
Specified:
Acceptable Substitute:

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2.03 FINISHES

- | | | |
|----|----------|-----------------------|
| 1. | 15/652 | SATIN NICKEL |
| | 28 | ANODIZED ALUMINUM |
| | 26D/ 626 | SATIN CHROME |
| | 32D/630 | SATIN STAINLESS STEEL |
| | 689 | ALUMINUM PAINTED |
| | AL | ALUMINUM |
| | PT | PRIMED FOR PAINT |

2.04 KEYING

1. All locks keyed to an existing Schlage factory, nterchangeable core master key system.

PART 3 - EXECUTION

3.01 EXAMINATION

1. Size and condition of opening shall be verified as to door frames being plumb and of correct tolerance to receive doors and hardware. [General Contractor]

3.02 INSTALLATION

1. Review proper mounting heights with the Architect and/or Owner.
2. Standard mounting heights [unless otherwise noted]
 - A. Locks/Latches 40-5/16" to centre line of strike from finished floor.
 - B. Deadlocks 48" to centre line of strike from finished floor.
 - C. Exit Devices 40-5/16" to centre line of strike from finished floor.
 - D. Door Pulls 42" to centre line of pull from finished floor.
 - E. Push Plate 45" to centre line of Push Plate from finished floor.

The above noted mounting heights are a recommended standard and may vary under special applications and conditions.

3.03 FIELD QUALITY CONTROL

1. After installation of hardware, inspect the installation and certify that the hardware is correctly installed and in accordance with the Manufacturers recommendations.

3.04 ADJUSTING AND CLEANING

1. Upon final completion the hardware is to be left clean and free from defect. Hardware found defective is to be repaired or replaced.
2. All door closers are to be inspected for proper installation and adjustment. Provide a written report from the Manufacturers Representative confirming proper door closer installation and submit the report to the Architect.

3.05 PROTECTION

1. Contractor shall provide proper protection of hardware until turned over to the Owner.

3.06 HARDWARE SCHEDULE

1. Provide hardware in accordance with the schedule as follows:

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LEGEND

| | |
|------|-------------------|
| AL | ALUMINUM |
| CLSR | CLOSER |
| DR | DOOR |
| DS | DEAD STOP |
| HLDR | HOLDER |
| HM | HOLLOW METAL |
| HW | HEAVY WEIGHT |
| LBR | LESS BOTTOM ROD |
| MNT | MOUNT |
| MTG | MOUNTING |
| NRP | NON REMOVABLE PIN |
| P.A. | PARALLEL ARM |
| WD | WOOD |

FINISHES

| | |
|----------|-----------------------|
| 15/652 | SATIN NICKEL |
| 28 | ANODIZED ALUMINUM |
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| 689 | ALUMINUM PAINTED |
| AL | ALUMINUM |
| PT | PRIMED FOR PAINT |

MANUFACTURERS

| | |
|-------------------|----------------|
| HINGES | IVES |
| LOCKSETS | SCHLAGE |
| EXIT DEVICES | |
| DOOR CLOSERS | LCN |
| OVERHEAD STOPS | |
| FLATWARE | STANDARD METAL |
| DOOR PULLS | STANDARD METAL |
| FLOOR/ WALL STOPS | STANDARD METAL |
| THRESHOLDS | |
| WEATHERSTRIP | |
| AUTO OPERATORS | HORTON |

Heading 01 (HwSet)

1 SGL DOOR(S) 101 CORRIDOR 1226 TO UNIVERSAL WR 1224
1015 x 2150 x 45 x HMD x HMF x NON-RTD

Hand Degree
LH Act InAct
90

Totals Each Assembly to have:

| | | | | | | |
|------|---|----|-----------------------|----------------------------|-----|-----|
| (3) | 3 | EA | HINGE | 5BB1 5" X 4.5" | 652 | IVE |
| (1) | 1 | EA | STOREROOM LOCK | LV9080J 03B | 626 | SCH |
| (1) | 1 | EA | PERMANENT CORE | 23-030 C123 50-210, 50-216 | 626 | SCH |
| (1) | 1 | EA | ELECTRIC STRIKE | 6211 FSE 24VDC | 630 | VON |
| (1) | 1 | EA | AUTO OPERATOR | 7900 | CL | HOR |
| (1) | 1 | EA | KICKPLATE | K10A 200 X 977 TAPE MTG. | 32D | SMH |
| (1) | 1 | EA | CV HD WALL STOP | S121 | 32D | SMH |
| (1) | 1 | EA | AURA WR KIT | CX-WC13XSM | 32D | CAM |
| (1) | 1 | EA | EMERGENCY CALL SYS | CX-WEC10K2 DBL GANG | | CAM |
| (1) | 1 | EA | INSTALLATION | AUTO OPERATOR | | G87 |
| (1) | 1 | EA | | WIRING DIAGRAMS | | G87 |

120V, LOW VOLTAGE WIRE, CONDUIT AND BACK BOXES BY ELECTRICAL CONTRACTOR.
WALL REINFORCEMENT AND BACKING BY GENERAL CONTRACTOR.

Heading 02 (HwSet)

1 SGL DOOR(S) 102 CORRIDOR 1227 TO SINGLE USE WR 1224A
1 SGL DOOR(S) 103 CORRIDOR 1227 TO SINGLE USE WR 1224B
1 SGL DOOR(S) 104 CORRIDOR 1227 TO SINGLE USE CHANGE RM 1220A
1 SGL DOOR(S) 105 CORRIDOR 1227 TO SINGLE USE CHANGE RM 1220B
1 SGL DOOR(S) 106 CORRIDOR 1227 TO SINGLE USE WR 1220
1015 x 2150 x 45 x HMD x HMF x NON-RTD

Hand Degree
LH Act InAct
RH 90
RH 90
RH 90
RH 90
RH 90

Totals Each Assembly to have:

| | | | | | | |
|-------|---|----|-----------------|-------------------------------|-----|-----|
| (15) | 3 | EA | HINGE | 5BB1 5" X 4.5" | 652 | IVE |
| (5) | 1 | EA | OFFICE LOCK | L9056J 03A L283-722, L283-711 | 626 | SCH |
| (5) | 1 | EA | PERMANENT CORE | 23-030 C123 50-210, 50-216 | 626 | SCH |
| (5) | 1 | EA | SURFACE CLOSER | 1461.RWPA | 689 | LCN |
| (5) | 1 | EA | KICKPLATE | K10A 200 X 977 TAPE MTG. | 32D | SMH |
| (5) | 1 | EA | CV HD WALL STOP | S121 | 32D | SMH |

End of Schedule

| | | | |
|--|------------------|-------------------------|---------------------|
| Project: WATERDOWN S.S. | Control # : 2267 | Print Date : 02/21/2024 | Project # : |
| Supplier: GROUP 87 ARCHITECTURAL HARDWARE INC. | Revision # : | Rev Date : | Hdwe Sched Page : 1 |