



<b>TAL-CO SUPPLEMENTAL INSTRUCTION #51 REV01</b>			
<b>WATER FILL STATIONS</b>			
Project Name:	<b>RW TOMLINSON - NEW HEAD OFFICE</b>		
Project Location:	<b>100 CitiGate Drive, Ottawa, Ontario</b>		
ARCH. SI #:	<b>N/A</b>	Issued By:	<b>Chris Simpson</b>
STRUC. SI #:	<b>N/A</b>	Date Issued:	<b>July 31, 2017</b>
MECH. SI #:	<b>N/A</b>	Revision #:	<b>1</b>
ELEC. SI #:	<b>CCN E10</b>	Revision Date:	<b>September 18, 2017</b>

Supplemental Instructions are issued by the Construction Manager to record a clarification or revision to the previously issued Contract Documentation as reflected by the attached information prepared by the identified Professionals.

The Construction Manager shall review the Supplemental Instruction and the attached information and issue to the affected Trade Contractors identifying the following course of action by the Trade Contractor.

Notify TAL-CO within 5 days of receipt, if the attached documents will require a change to Contract Price or Schedule.

**Title: Water Fill Stations at GYM 132, and Kitchens 203/303/403.**

**Reference:**

**Latest Architectural Drawings issued 28-Jul-2017**  
**Electrical Drawings issued for construction 22-Nov-17**

**Attachments:**

**Water Fill Station Shop Drawing**  
**CCN E10**

**Description of the Work:**

Use the attached Shop Drawings, **CCN E10**, and reference drawings/specs to ensure power is provided for Water Fill Stations.

**Reason:**

To provide power requirements and rough-in clarifications for Water Fill Stations.

## **Contemplated Change Notice**

CCN E-10

Project: Tomlinson Regional Headquarters Building  
Location: 100 Nortel Drive, Ottawa  
Contractor: Tal-Co Building Innovations / Continental – Price Electric  
Date: August 18, 2017

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Provide quotation/credit for proposed work described in this CCN. No work can commence prior to approval of this quotation.

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### **Scope of work.**

1. Provide four (4) additional 120V, 15 Amp Circuits to water fill Stations, near GYM 132, and Kitchens 203,303,403. Confirm exact location with Architectural Plans. Also refer to SI#51 for shop drawings and additional information provided by Tal-Co.

End of CCN

# ELKAY<sup>®</sup>

## SPECIFICATIONS

DF-2

### EZH20<sup>®</sup> Bottle Filling Station Filtered In-Wall (for use with EDFPB SwirlFlo<sup>®</sup> fountains) Models LZWS8K, LZWSM8(2-3)K and LZWSMD(JO)K

#### PRODUCT SPECIFICATION

In-wall recessed bottle filling station for use with EDFPB SwirlFlo<sup>®</sup> fountains. Models LZWS(M)8(2-3)K shall deliver 8 GPH of 50°F drinking water at 90°F ambient and 80°F inlet water. Models LZWSMD(JO)K shall deliver non-chilled drinking water. Units shall be stainless steel construction with plastic ABS alcove. Sensor-activation with an auto 20-second shut-off timer. Shall include Green Ticker™ displaying count of plastic bottles saved from waste. Bottle filler shall provide 1.1-1.5 gpm flow rate with laminar flow to minimize splashing. Shall include the WaterSentry<sup>®</sup> Plus 3000-gallon capacity filter, certified to NSF/ANSI 42 and 53, with visual monitor to indicate when replacement is necessary. Shall include integrated silver ion anti-microbial protection in key areas. Unit shall meet ADA guidelines. Unit shall be lead free design which is certified to NSF/ANSI 61 and 372 and meets Federal and State low-lead requirements. Unit shall be certified to UL399 and CAN/CSA 22.2 No. 120.

#### STANDARD FEATURES

- Special panel height designed to pair with non-refrigerated EDFPB SwirlFlo<sup>®</sup> models
- Sanitary, touchless activation with auto 20-second shut-off (Bottle Filler)
- WaterSentry<sup>®</sup> Plus 3000-gallon capacity Filtration System, certified to NSF/ANSI 42 & 53 (Lead, Class 1 Particulate, Chlorine, Taste & Odor)
- Integrated Silver Ion Anti-Microbial Protection in key areas
- Quick Fill Rate: 1.1 gpm (LZWS(M)8(2-3)K); 1.5 gpm (LZWSMD(JO)K)
- Laminar Flow provides minimal splash
- Real Drain System eliminates standing water
- Visual User Interface display includes:
  - Innovative Green Ticker™ counts bottles saved from waste
  - LED Visual Filter Monitor shows when replacement is necessary
- Includes lower hinged panel for easy access and servicing

#### COOLING SYSTEM (Models LZWS(M)8(2-3)K)

- High-efficiency compressor: hermetically-sealed, reciprocating type, single phase. Sealed-in lifetime lubrication.
- Condenser: Fan cooled. Fan motor is permanently lubricated.
- Cooling Unit: Combination tube-tank type. Continuous copper tubing with stainless steel tank. Fully insulated with EPS foam which meets UL requirements for self-extinguishing material.
- Refrigerant Control: Refrigerant R134a is controlled by accurately calibrated capillary tube.
- Temperature Control: Enclosed adjustable thermostat is factory preset. Requires no adjustment other than for altitude requirements, Easily accessible by removing lower grille panel.

**Warranty:** 5 year limited warranty on the unit's refrigeration system. Electrical components and water system are warranted for 12 months from date of installation or 18 months from factory shipment, whichever date falls first.

RATED FOR INDOOR USE ONLY

- Models LZWSM8K, LZWSM82K, LZWSM83K, LZWSMDK, LZWSMDJOK – Mounting frame MFWS100 is included.
- Model LZWS8K – Used when mounting frame is pre-ordered for early installation



Models LZWS8K, LZWSM8K, LZWSM82K, LZWSM83K



Models LZWSMDK, LZWSMDJOK

#### CONSTRUCTION

- Stainless steel bottle filler construction with ABS plastic alcove
- Includes stainless steel lower panel. LZWS(M)8(2-3)K models have louvered ventilating grille; LZWSMD(JO)K models have solid panel.
- Furnished with MFWS100 wall mounting box constructed of galvanized steel. Mounting can be ordered separately for pre-install.
- Models LZWSM8K, LZWSM82K, LZWSM83K, LZWSMDK, LZWSMDJOK include MFWS100 wall mounting frame constructed of galvanized steel.
- Model LZWS8K, mounting frame MFWS100 can be ordered separately for pre-install.

#### REPLACEMENT FILTERS:

- Available as Singles and Multi-packs.
- 51300C (single)
  - 51300C\_3PK (three)
  - 51300C\_12PK (twelve)
  - 51300C\_24PK (twenty-four)
  - 51300C\_48PK (forty-eight)

CAPACITIES CHART									
Model	Voltage / Hertz	Chilling** Capacity	F.L. Amps	Rated Watts	Approx. Ship Wt.	ADA Compliant	UL399 and CAN/CSA 22.2 No. 120 Certified	NSF/ANSI 61 and 372 Certified 42 and 53 Certified (filter only)	GreenSpec <sup>®</sup> Listed
LZWS(M)8K	115V / 60Hz	8.0 GPH	5.0	370	80 lbs.	•	•	•	•
LZWSM82K	220V / 50Hz	6.7 GPH	2.0	370	80 lbs.	•	•	•	•
LZWSM83K	220V / 60Hz	8.0 GPH	2.2	370	80 lbs.	•	•	•	•
LZWSMDK	115V / 60Hz	-	1.0	15	33 lbs.	•	•	•	•
LZWSMDJOK	220V / 50-60Hz	-	1.0	15	33 lbs.	•	•	•	•

\*\*Based on 80°F inlet water & 90°F ambient air temp for 50°F chilled drinking water.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producer's offerings, be certain these features are not overlooked.

In keeping with our policy of continuing product improvement, Elkay reserves the right to change specification without notice. Please visit [elkay.com](http://elkay.com) for the most current version.

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SPEC14-58 (05/2016)

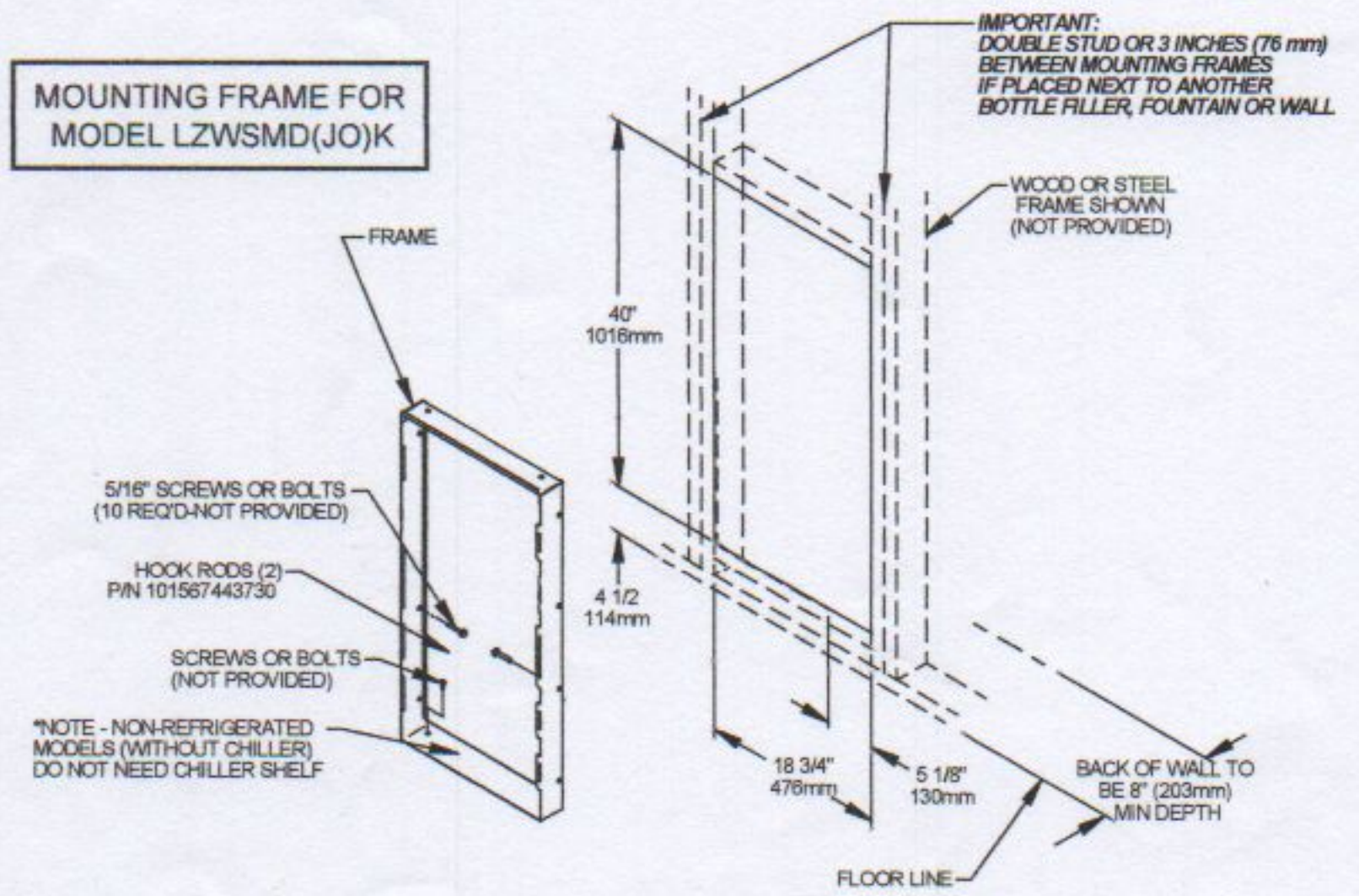
**EZH20® Bottle Filling Station**  
**Filtered In-Wall (for use with EDFPB SwirlFlo® fountains)**  
**Models LZWS8K, LZWSM8(2-3)K and**  
**LZWSMD(JO)K**

**ELKAY®**  
**ROUGH-IN DIMENSIONS**

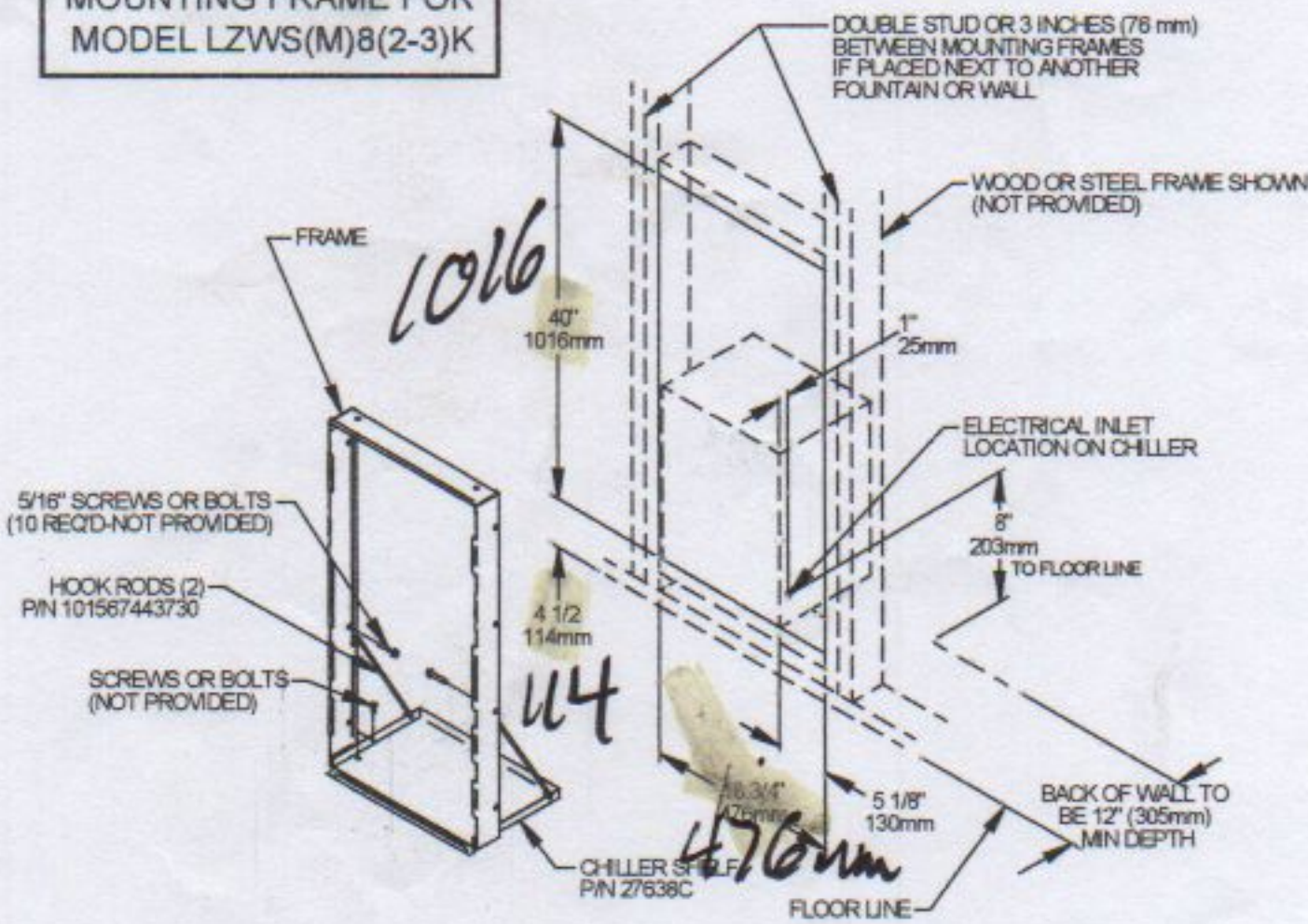
RATED FOR INDOOR USE ONLY

Job Name: \_\_\_\_\_  
 Model: \_\_\_\_\_ Qty. \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Approval Signature: \_\_\_\_\_  
 Notes: \_\_\_\_\_

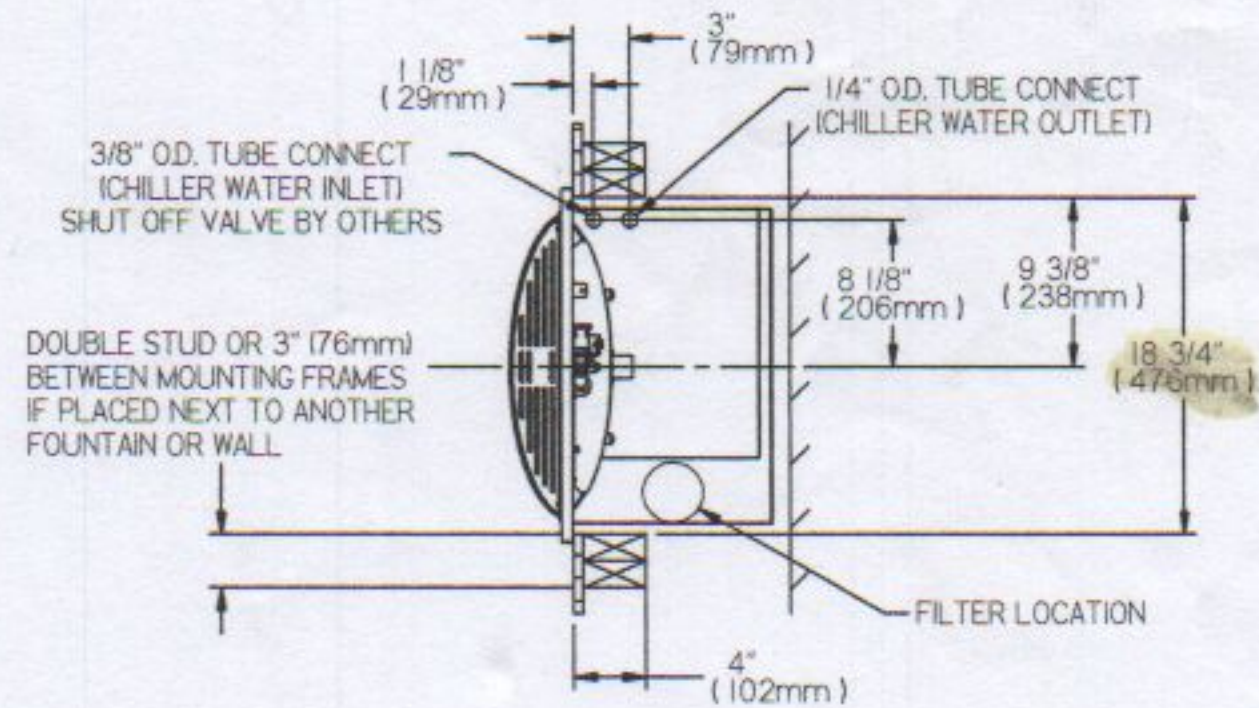
**MOUNTING FRAME FOR MODEL LZWSMD(JO)K**



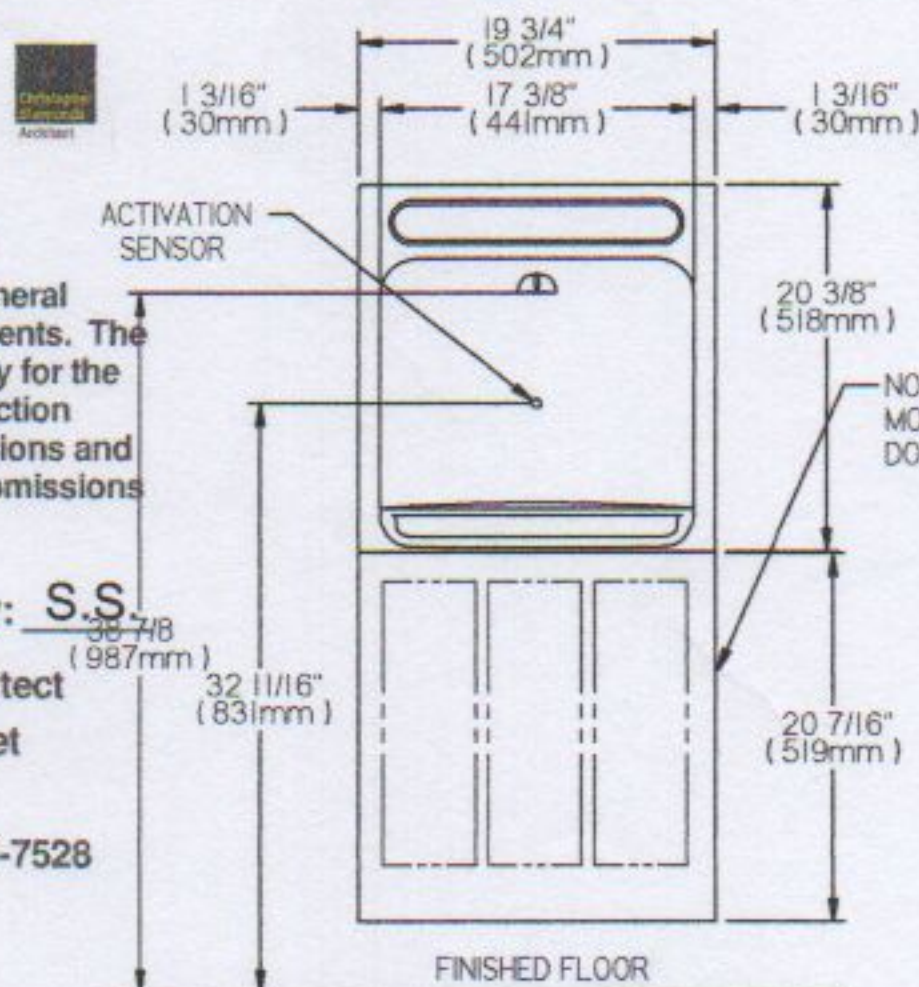
**MOUNTING FRAME FOR MODEL LZWS(M)8(2-3)K**



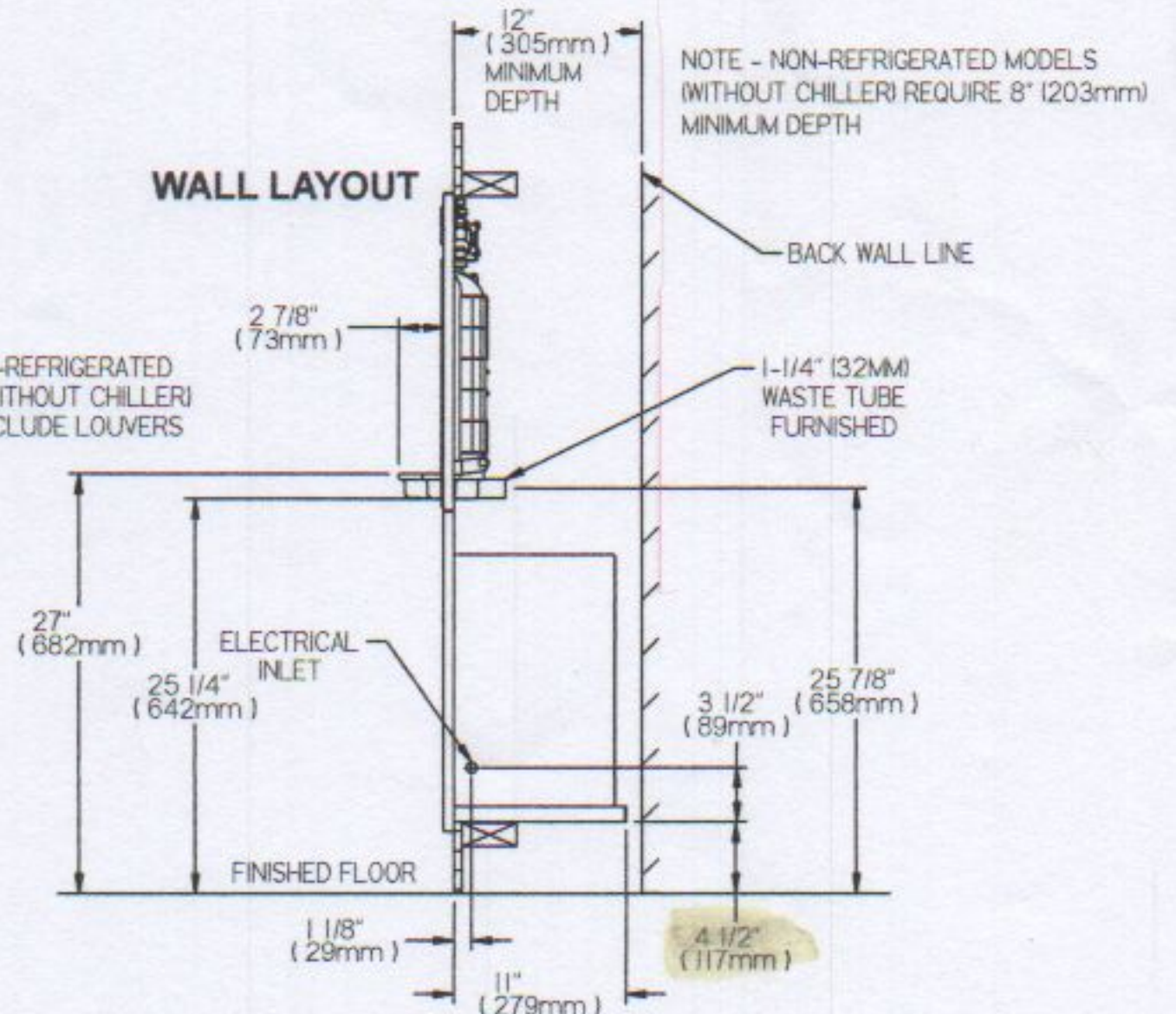
**TOP & SIDE VIEWS**



**FRONT VIEW**



**WALL LAYOUT**



- NOT REVIEWED
- REVIEWED
- REVIEWED AS NOTED
- REVISE AND RE-SUBMIT

This review is for the sole purpose of ascertaining conformance with the general design concept of the contract documents. The Contractor shall retain all responsibility for the detailed design, fabrication or construction techniques, conformance with dimensions and job site conditions, and any errors or omissions in the shop drawings.

Date: Jan 10, 2017 By: S.S.  
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