



# SUPPLEMENTAL INSTRUCTION

CONTRACTOR:  
**Tal-co Building Innovations**  
Address:  
Suite 2, 1341 Coker Street  
Greely, Ontario, K4P 1A1

PROJ.: **Boys and Girls Club Prince of Wales**  
PROJ. No.: **1716**  
DATE: **June 14, 2018**  
S.I. No. **S.I. - 029**

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

The Construction Manager shall review the Supplemental Instruction and the attached Information Bulletin and issue to the effected Trade Contractors identifying the following course of action by the trade contractor:

- Proceed with Instruction. Issued for general information, no change to Contract price or schedule. (Site Instruction)
- Proceed with Instruction and provide a quotation within 10 days, identifying change to Contract price and schedule (Change Directive)
- Do not proceed. Provide quotation identifying change to Contract price and schedule within 10 days. (CCO)

### Partners

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William A. Davis  
OAA, MRAIC, Associate AIA

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Senior Arch. Tech.

### Associates

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Reinhard Vogel  
Senior Arch. Tech.

## 1.1 TITLE

Revision to Rain Water Leader at Gym, New Sanitary Connections

## 1.2 DESCRIPTION OF THE WORK

- .1 Revise Rain Water Leader routing for Gymnasium roof drains to connect to west side of gymnasium
- .2 Revision location of Sanitary connection at change room to accommodate changes to site sanitary connection.

## 1.3 ATTACHMENTS

BGCO-MCCN-03

## 1.4 REASON

Changes to site servicing connections triggered by as-built conditions varying from anticipated conditions.

### Hobin Architecture Incorporated

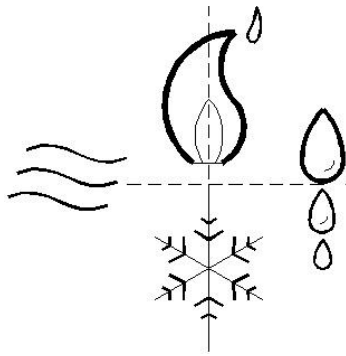
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Distribution:

- |  |  |   |   |                                      |
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| <input checked="" type="checkbox"/> Owner      | <input type="checkbox"/> City Authority  | <input type="checkbox"/> Electrical       | <input type="checkbox"/> Struct.          | <input type="checkbox"/> Landscaping |
| <input checked="" type="checkbox"/> Contractor | <input checked="" type="checkbox"/> File | <input checked="" type="checkbox"/> Mech. | <input checked="" type="checkbox"/> Civil | <input type="checkbox"/> Other       |



# **BEKOLAY & Associates. Ltd.**

*Consulting Engineers*

## **Mechanical Contemplated Change Notice (MCCN)**

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**Barry J. Hobin & Associates Architects**

63 Pamilla St. Ottawa On. K1S 3K7

Pr□□□□□

**Boys & Girls Club P.O.W.**

1463 Prince of Wales

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T□□C□

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**Andrew King**

MCCN□

MCCN□03

Attn:

**Doug van den Ham**

D□□□□

2018□06□13

**Sandy Davis**

Provide a firm price for the modifications to the project described below, identifying the material and labour cost breakdowns for such changes, including credits and extras as applicable. No work should be undertaken until a Change Order or written authorization has been signed and issued. The work shall conform to the contract documents where applicable unless otherwise stated.

1. See M-6 Revision 7. Rain water leader routing for gym roof drains
  - a. Site service engineer directed connection of Gym Addition roof drains to be a new connection on west side of gym.
2. See M-6 Revision 7. Change room layout to accommodate revised location of site sanitary drain.
  - a. Revision to accommodate new proposed location of sanitary drain.

**SPECIFICATIONS CONT'D:**

**Plumbing & Piping:**

23. Plumbing Fixtures:
1. Lavatories L-1:
    - (a) Semi-counter vitreous china, universal design, wall-hung sink meeting the requirements for barrier free design c/w insulated trap or knee guard.
      - i Std: American Std. Mezzo
    - (b) Trim: 1.9 L/min chrome plated, battery operated electronic faucet, single faucet, adjustable sensor set point, 90 second max run time and aerator. Provide chrome plated waste strainer, trap with cleanout.
      - i Std: Delta Model HDF commercial DEMD 111F Series or Wallec Moen equivalents
  2. SS Sinks
    - (a) KS-1
      - i Double bowl 18-8 stainless steel, 840x560x180mm (33"x22 1/4"x7"), ledge back, kitchen sink with overflow partition, 380x430 (15x17) bowls, basket strainers, rim seal, brass trap with cleanout
        - ii Std: Kindred, Steel Queen EDL2233
      - (b) KS-2
        - i Single bowl, 400x350x180mm (16"x14"x7") stainless steel, ledge back, kitchen sinks with strainer, trap and single lever kitchen faucet
          - ii Std: Kindred, Steel Queen LBS4607
      - (c) Hand Sink:
        - i Single bowl (bar sink) 285x235x152mm (11.625x9.25"x6") stainless steel, ledge back, kitchen sinks complete with strainer, trap
          - ii Std: Kindred, Steel Queen LBS9106 with Chicago Faucet 2300-8 Trim
        - (d) Trim: Single lever (barrier free compliant), stainless steel and brass construction chrome finish, pressure balanced replaceable cartridge with integral pull out spray head, high arching spout equal to Delta model 472
    3. Water closets
      - (a) Seat: white, open front, molded plastic (with slow close cover for handicapped) and stainless steel check hinge and insert post. Centoco 500 (or 820) or equivalent.
        - (b) 1/2" Chrome plated angle ball valve with chrome nipple & wall escutcheon, braided stainless steel flexible supply.
          - (c) WC-1:
            - i ADA compliant wall hung vitreous china elongated bowl with 4.2 Lpf, with floor carrier
              - ii Std: American Std: A'wall "Flowise"
            - (d) WC-2
              - i ADA compliant floor mounted vitreous china elongated bowl with 4.2 Lpf
                - ii Std: American Std.
              - (e) Flush Valve:
                - i 4.2 Lpf hard wired A/C powered dual flush with hands free sensor & electronics and manual flush c/w 120 V transformer, wall flange, angle stop w/ BFP, vandal resistant covers, chrome finish
                  - ii Std: American Std: Electronic Flowise Exposed
          4. Service Sink:
            - (a) Crane 6-296 enamelled steel single compartment Laundry Tub
            - (b) Baked enamel stand
            - (c) C-5040 rough brass trim and trap
          5. Map Sink:
            - (a) Moulded stone, 550x450x300mm deep complete with cast brass outlet strainer, stainless steel rim guard, continuous on three sides, bolted to the rim
              - (b) Std: American Std. AB-7692-0230, Crane 7-525, Fiat TSB-100
              - (c) Trim:
                - i Built-in elevated vacuum breaker, cast brass spout, 400mm long rubber hose, indexed cross handles, escutcheons, union inlets, heavy cast brass spout with pull hook, braided to the wall, integral stop valves
                  - ii Std: Cambridge Brass S314333, Crane CH-8560, Emco 390 XXBE, Fiat 830 AA, Chicago Faucet
            6. Floor drains:
              - (a) General duty, round cast iron body, adjustable head and nickel bronze strainer.
              - (b) Std: Ancan FD-100 or equal

24. DHW Re-Circulation Pump

            1. Stainless steel body, cartridge type pump with, built in check
            2. Capacity: 5 GPM @ 20ft
            3. Electrical: 120V/1/60 w/ 24 hour timer/aquastat combination, and plug in cord.
            4. Std: Taco 009-IFC w/ Timer Aquastat.

25. Natural Gas Piping

            1. Provide natural gas piping from Enbridge meter to building gas fired equipment.
            2. Conform to Ontario gas Utilization Code B149. (current version) including installation and testing.

26. Heating:

            1. Piping: Sch. 40 black with M screwed fittings
            2. Coil:
              - (a) 2 row copper tube, aluminum fin
              - (b) Cap. EAT = 75F, LAT = 125 F, APD = 0.15" Wg  
20 MBH, EWT=175F, LWT= 155F
            3. Control: low voltage wall mounted t'stat with 2-way control valve

27. Unit Heaters:

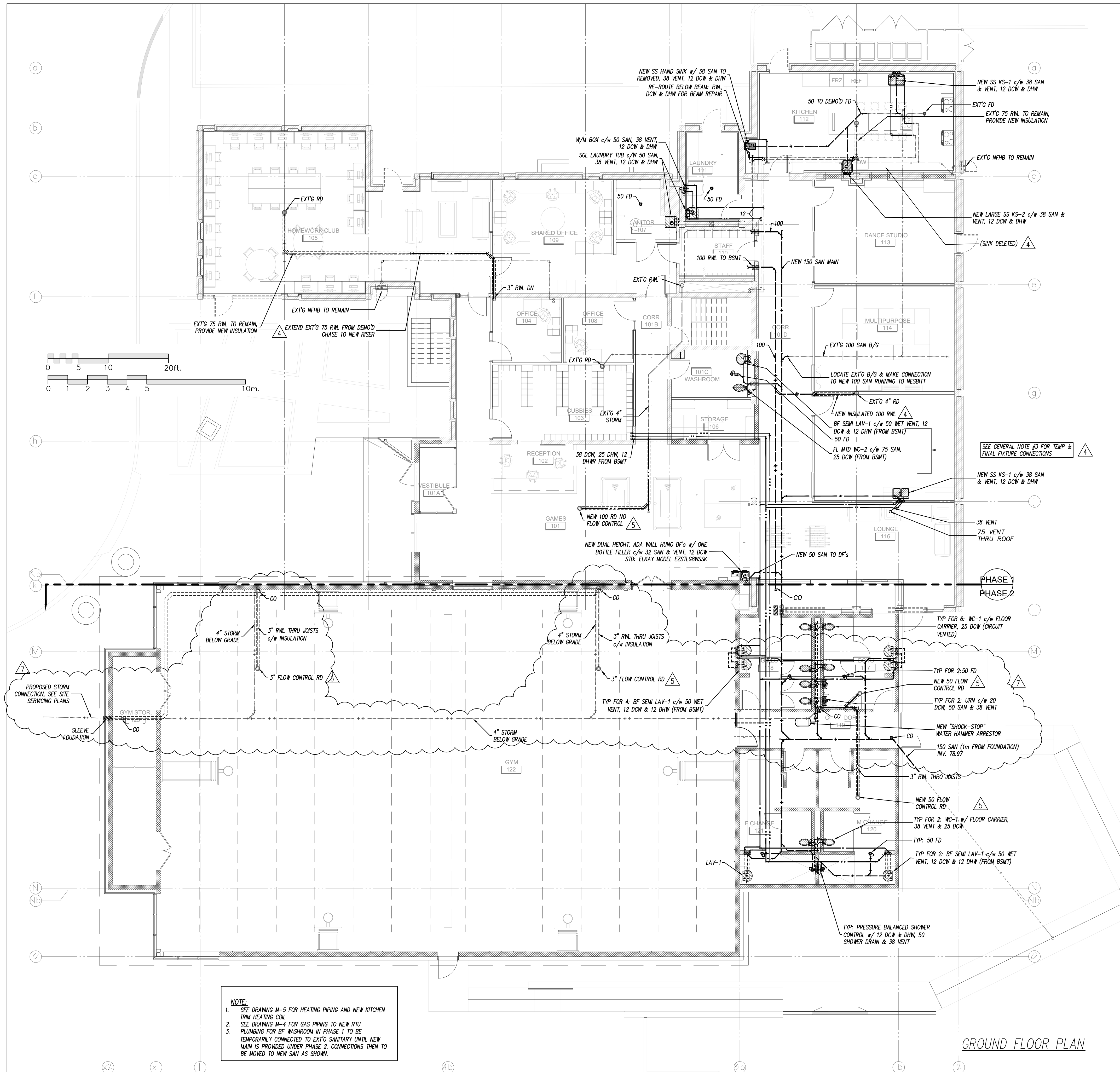
            1. Direct drive, propeller, horizontal unit heater with copper tube, aluminum fin coils, line voltage thermostats
            2. Capacity: 18 MBH w/ 15TDT, 2.5 GPM EWT 180F, 0.04 Ft WPD
            3. Electrical: totally enclosed motors -1/20 HP, 110V w/ line voltage t'stat
            4. Std: Trand 36S

28. Fire Extinguishers

            1. Recessed, prime coated steel cabinet with 25mm return, glass window in the latched door at each fire exit.
            2. Extinguisher ABC-5
            3. Std: National Fire Equipment Ltd. Model 102

30. Unit Heaters:

            1. Direct drive, propeller, horizontal unit heater with copper tube, aluminum fin coils, line voltage thermostats
            2. Capacity: 30 MBH w/ 16 GPM 50-50 glycol, EWT 140F, 4 Ft Pressure drop
            3. Electrical: totally enclosed motors -1/20 HP, 110V
            4. Std: Trand 60S



**NOTE:**

1. SEE DRAWING M-5 FOR HEATING PIPING AND NEW KITCHEN FROM HEATING COIL
2. SEE DRAWING M-4 FOR GAS PIPING TO NEW RTU
3. PLUMBING FOR BF WASHROOM IN PHASE 1 TO BE TEMPORARILY CONNECTED TO EXT'G SANITARY UNTIL NEW MAIN IS PROVIDED UNDER PHASE 2. CONNECTIONS THEN TO BE MOVED TO NEW SAN AS SHOWN.

**GROUND FLOOR PLAN**

NO.	REVISIONS	DATE
10.		
9.		
8.		
7.	ISSUED FOR MOCN-03 GYM R/W	11-JUN-2018
6.	ISSUED FOR CONSTRUCTION	10-MAY-2018
5.	ISSUED FOR MSI-01	23-MAR-2018
4.	ISSUED FOR TENDER	01-FEB-2018
3.	ISSUED FOR PRICING	22-DEC-2017
2.	ISSUED FOR PHASE II PERMIT	27-OCT-2017
1.	ISSUED FOR PERMIT (CITY PERMIT NUMBER: ??)	13-JUN-18

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**BEKOLAY & Associates Ltd.**  
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PROJECT: **BOYS & GIRLS CLUB RENOVATION Prince of Wales**

DRAWING: **GROUND PLUMBING MODIFICATIONS**

DATE: 2018-03-23 SCALE: 1:100  
 DRAWN BY: Staff DESIGNED BY: JRB  
 JOB NO: 2017-17 CHECKED BY:  
 DRAWING NO.