



200 Tesma Way, Unit 9  
Concord, ON L4K 0J9  
(905)-738-1400

## Submittal 24-002-003

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
Block 22 24-002	23 Spadina Avenue, Totonto ON	Jul 26, 2024

TO	FROM
Maharshi Chaudhari	System Admin
COMPANY	COMPANY
Concord Adex Developments Corp.	Consult Mechanical Inc.
EMAIL	EMAIL
maharshi.chaudhari@centrevl.com	admin@consultmechanical.com
ADDRESS	ADDRESS
82 Queens Wharf Rd Toronto, ON M5V 3Y2	200 Tesma Way, Unit 9 Concord, ON L4K 0J9

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### Title

Ground water treatment system Revised

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### Description

Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at Hampden-Sydney College in Virginia, looked up one of the more obscure Latin words, consectetur, from a Lorem Ipsum passage, and going through the cites of the word in classical literature, discovered the undoubtable source. Lorem Ipsum comes from sections 1.10.32 and 1.10.33 of "de Finibus Bonorum et Malorum" (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of Lorem Ipsum, "Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

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### Package Items

SPEC	SUBSECTION	ITEM	TYPE
Mechanical	Plumbing	Non-Network OC Sensors	Shop Drawings
Mechanical	Electrical	Grounding & Bonding	Shop Drawings

- .2 Suspended:
  - .1 Cast iron pipe and fittings to CSA B70.
  - .2 DWV copper to ASTM B306 with 50/50 soldered cast brass drainage fittings to CSA B158.1 or wrought copper fittings to ANSI B16.29.
  
- .10 Sanitary Drainage External:
  - .1 Cast iron or approved ABS or PVC with solvent weld or ring gasket joints as specified for internal buried pipe.
  - .2 Concrete to CSA Standard A257.
  
- .11 Vent Piping:
  - .1 DWV Grade copper to ASTM B306 76 with 50/50 soldered cast brass or wrought copper drainage fittings to CSA B158.1 and ANSI B16.29 respectively or cast iron pipe and fittings to CSA B70.
  
- .12 Domestic Water:
  - .1 System pressure rated for 2070 kPa or (300 psi)].
  - .2 Code and Standards:
    - .1 ASTM B88 Standard Specification for Seamless Copper Water Tube.
    - .2 ASME B16.15 Cast Bronze Threaded Fittings, Class 150 and 250
    - .3 ASME B16.18 Cast Copper Alloy Solder Joint Pressure Fittings
    - .4 ASME B16.22 Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.
    - .5 ASME B16.24 Cast Copper Alloy Pipe Flanges and Flanged fittings Class 150, 300, 400 and 600.
    - .6 CSA B242 Groove and Shouldered Type Mechanical Couplings
    - .7 AWS A5.8 Brazing Filler Material
    - .8 ASTM B32 Specification for Solder Metal
    - .9 ASTM B-312 Standard Specification for Stainless Steel Piping.
  - .3 Type L copper, hard drawn, marked certified for compliance with ASTM B88 Standard, with 95/5 soldered, wrought copper or cast bronze pressure solder fittings to ANSI B16.22 and ANSI B16.18 respectively.
  - .4 Brass or bronze threaded fittings to ASME B16.15. Brass or bronze flanges or flanged fittings to ASME B16.24. Flanged joints to AWWA C111 and bolts to ASTM A307 and nuts to ASTM 563. Silver brazing alloy to AWS Classification BCuP-5.
  - .5 Method of joint connection:
    - .1 Soldered for pipes up to 65mm (2 1/2").
    - .2 Brazed for pipes 75mm (3") or higher
    - .3 Grooved fittings may be used for exposed area.
  - .6 Buried piping: soft temper type K with soldered fittings to the previously mentioned standards.
  - .7 For pressure above 2070 kPa (300 psi) and up to 3450 kPa (500 psi), ASTM A312 Schedule 40, Type 316/316L stainless steel seamless piping and fittings with welded joints for pipe size up to 200 mm (8"). Welders to be certified in accordance with ASME Boiler and Pressure Vessel code Section IX Welding and Brazing Qualifications.

# INVOICE

**Samson's Sheetmetal INC.**

Company Address: Orangeville, 3 Passmore Ave, L9W4C9  
 Phone #: 4164713732  
 HST#: 798802757 RT001

Invoice #: 

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 Date: 

Jul 27 2024
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**BILL TO:**

Company Name: Robust 2648256 Ontario Inc.  
 Street Address: 10 Grand Vellore Crescent Woodbridge, ON L4H 0N8  
 Phone #: 905 660 9144

Lot #		hourly	Total
highpoint 2301, 2302, 2304	installing missing material (28 hours total)	28	\$1,672.16
dunpar	unit tie ins for lots 138, 139, 140, 141, 142, 143, 146, 147 (375 each)		\$3,000.00
highpoint 2801	second stage	5	\$298.60
ethan murdock	40 hours taken away from subtotal (second year rate)		\$1,147.60
<b>Special Notes and Terms:</b>		Subtotal:	\$3,823.16
		Sales Tax:	\$497.01
		Shipping & Handling:	\$0.00
		<b>TOTAL DUE:</b>	<b>\$4,320.17</b>