

**Project :- Mixed Use 3 Story Building 15132 - 15136 Yonge St**

**Location :- 15132-15136 Yonge Street, Aurora, ON**

**Date :- 24th April 2018      Rev. Date:- 26th May 2018**

**Estimator :- Tesbee Consultancy**

### Plumbing Estimation

	Description	Unit	Qty	Unit Rate	Amount	Sub-Total (Inc Insu, OH & Profit)
	<b>Domestic Water Pipe</b>					
	Domestic cold water pipes (WIRSBO AquaPEX Tubing)					
1	1/2" dia pipe	L.ft	1,059	6.50	6,883.50	
2	3/4" dia pipe	L.ft	384	7.25	2,784.00	
3	1" dia pipe	L.ft	190	8.20	1,558.00	
4	1 1/4" dia pipe	L.ft	22	10.10	222.20	
5	1 1/2" dia pipe	L.ft	55	10.80	594.00	
6	2" dia pipe	L.ft	15	15.00	225.00	
	Domestic hot water pipes with insulation (WIRSBO AquaPEX Tubing)					
7	1/2" dia pipe	L.ft	1,004	8.90	8,935.60	
8	3/4" dia pipe	L.ft	204	10.00	2,040.00	
	Domestic hot water pipes with insulation (Copper Pipe)					
9	1/2" dia pipe	L.ft	60	16.00	960.00	
	Domestic water pipe fittings					
10	Gate valve	No.	45	85.00	3,825.00	
11	Mixing valve	No.	13	150.00	1,950.00	
12	Check valve	No.	2	100.00	200.00	
13	Main - Meter	No.	1	650.00	650.00	
14	Meter	No.	12	220.00	2,640.00	
15	Cap to cold water pipe	No.	6	50.00	300.00	
16	Cap to hot water pipe	No.	2	60.00	120.00	
17	Air chamber	No.	6	215.00	1,290.00	
18	Moen valve for faucet	No.	13	345.00	4,485.00	
19	American standard flush valve for watercloset	No.	13	397.00	5,161.00	
20	American standard valve for shower & bathtub	No.	13	390.00	5,070.00	
21	Allow for connection to main	Sum	1	150.00	150.00	
	<b>Sub-Total</b>					<b>50,043.30</b>
	<b>Insurance, Overhead &amp; profit</b>					<b>12,510.83</b>
	<b>Total</b>					<b>62,554.13</b>

	Description	Unit	Qty	Unit Rate	Amount	Sub-Total (Inc Insu, OH & Profit)
	<b>Fixtures (Installation only)</b>					
22	Water closet installation c/w rough-in	No.	13	340.00	4,420.00	
23	Lavatory installation c/w rough-in	No.	13	180.00	2,340.00	
24	Shower installation c/w rough-in	No.	12	300.00	3,600.00	
25	Bath tub installation c/w rough-in	No.	12	340.00	4,080.00	
26	Kitchen sink installation c/w rough-in	No.	12	160.00	1,920.00	
27	Mop sink installation c/w rough-in	No.	2	180.00	360.00	
28	Connection to water heater	No.	13	200.00	2,600.00	
29	Connection to expansion tank	No.	1	220.00	220.00	
30	Connection to fan coil	No.	1	220.00	220.00	
31	Connection to fan coil pump	No.	1	250.00	250.00	
32	Rough-in for future connections	No.	8	150.00	1,200.00	
	<b>Sub-Total</b>					<b>21,210.00</b>
	<b>Insurance, Overhead &amp; profit</b>					<b>5,302.50</b>
	<b>Total</b>					<b>26,512.50</b>
	<b>Sanitary</b>					
	Sanitary above grade pipes (System 15R PVC pipe)					
33	3" dia pipe	L.ft	850	31.00	26,350.00	
34	6" dia pipe	L.ft	15	45.00	675.00	
	3" dia pipe for additional floor drain	L.ft	250	31.00	7,750.00	
	Sanitary below grade pipes (System 15R PVC pipe)					
35	2" dia pipe	L.ft	5	30.00	150.00	
36	3" dia pipe	L.ft	25	35.00	875.00	
37	4" dia pipe	L.ft	125	38.00	4,750.00	
38	6" dia pipe	L.ft	41	52.00	2,132.00	
	Sanitary vent above grade pipes (System 15R PVC pipe)					
39	Vent pipe, 3" dia	L.ft	310	25.00	7,750.00	
40	Vent through roof	No.	13	160.00	2,080.00	
	Sanitary pipe fittings					
41	Floor drain	No.	45	225.00	10,125.00	

	Description	Unit	Qty	Unit Rate	Amount	Sub-Total (Inc Insu, OH & Profit)
42	Clean out	No.	4	185.00	740.00	
43	Cap for future use	No.	4	90.00	360.00	
44	Allow for connection to main	Sum	1	500.00	500.00	
	<b>Sub-Total</b>					<b>64,237.00</b>
	<b>Insurance, Overhead &amp; profit</b>					<b>16,059.25</b>
	<b>Total</b>					<b>80,296.25</b>
	<b>Storm</b>					
	Storm pipes (System 15R PVC pipe)					
45	3" dia pipe	L.ft	82	30.00	2,460.00	
46	4" dia pipe	L.ft	95	32.50	3,087.50	
47	4" dia pipe with insulation	L.ft	6	36.00	216.00	
	Storm pipe fittings					
48	Roof drain	No.	2	275.00	550.00	
49	Clean out	No.	2	185.00	370.00	
50	Allow for connection to main	Sum	1	200.00	200.00	
	<b>Sub-Total</b>					<b>6,883.50</b>
	<b>Insurance, Overhead &amp; profit</b>					<b>1,720.88</b>
	<b>Total</b>					<b>8,604.38</b>
<b>Sub Total</b>					<b>142,373.80</b>	
	<b>Insurance</b>	<b>3%</b>			<b>4,271.21</b>	
	<b>Overhead and Profit</b>	<b>22%</b>			<b>31,322.24</b>	
	<b>Total Amount</b>				<b>177,967.25</b>	