

| MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT                                                                                                                                                                                                                                                                                                                                                   |                           |                         |                                               |                         |                            |                |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|-----------------------------------------------|-------------------------|----------------------------|----------------|-------------------|
|  <div><b>Date: 19/02/2022</b><br/>Web: <a href="http://www.mtechestimating.com">www.mtechestimating.com</a><br/>E-mail: <a href="mailto:info@mtechestimating.com">info@mtechestimating.com</a><br/><i>Scope: Plumbing</i></div>                                                                               | <b>PROJECT NAME:</b>      |                         | Single Trade Material Takeoff – Plumbing      |                         |                            |                |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                | <b>LOCATION:</b>          |                         | Project Name and Address removed for privacy! |                         |                            |                |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                | <b>MTE ID:</b>            |                         | M22-2065-FB                                   |                         | <b>TOTAL TRADES AMOUNT</b> | \$ 216,085     |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                | <b>Area Summary (GSF)</b> |                         | 4550                                          |                         | <b>TOTAL BASE BID</b>      | \$ 274,429     |                   |
| DIVISION WISE SUMMARY                                                                                                                                                                                                                                                                                                                                                                          |                           |                         |                                               |                         |                            |                |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           | <b>CSI DIVISIONS</b>    | <b>Total material cost</b>                    | <b>Total labor cost</b> | <b>Total cost</b>          | <b>Cost/SF</b> |                   |
| 1                                                                                                                                                                                                                                                                                                                                                                                              |                           | 01 - General Conditions | \$ -                                          | \$ -                    | \$ 17,000                  | 3.74           |                   |
| 2                                                                                                                                                                                                                                                                                                                                                                                              |                           | 22 - Plumbing           | \$ 97,251                                     | \$ 101,834              | \$ 199,085                 | 43.76          |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         |                            |                |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           | <b>Total Trade Cost</b> | \$ 97,251                                     | \$ 101,834              | \$ 216,085                 | 47.49          |                   |
| NOTES FOR CLIENTS                                                                                                                                                                                                                                                                                                                                                                              |                           |                         |                                               |                         |                            |                |                   |
| <div>1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resources, we still encourage our clients to put their own.<br/>2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference.<br/>3. Feel free to contact us for any queries or suggestions.</div> |                           |                         |                                               |                         | <b>TOTAL TRADES AMOUNT</b> |                | <b>\$ 216,085</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         | <b>OVERHEAD</b>            | 7%             | \$ 15,126         |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         | <b>PROFIT</b>              | 15%            | \$ 32,413         |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         | <b>INSURANCE</b>           | 3%             | \$ 6,483          |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         | <b>CONTINGENCY</b>         | 2%             | \$ 4,322          |
|                                                                                                                                                                                                                                                                                                                                                                                                |                           |                         |                                               |                         | <b>TOTAL BASE BID</b>      |                | <b>\$ 274,429</b> |

| MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------|-----------------------------------------------|------------------|-------------|----------------|------------|---------------|------------|-------------|------------|------------|
| <div><div><div>Date: 19/02/2022</div><div>Web: <a href="http://www.mtecestimating.com">www.mtecestimating.com</a></div><div>E-mail: <a href="mailto:info@mtecestimating.com">info@mtecestimating.com</a></div></div></div> |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PROJECT NAME: |       | Single Trade Material Takeoff – Plumbing      |                  |             |                |            |               |            |             |            |            |
|                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LOCATION:     |       | Project Name and Address removed for privacy! |                  |             |                |            |               |            |             |            |            |
|                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MTE ID:       |       | M22-2065-FB                                   |                  |             |                |            |               |            |             |            |            |
| Sr #                                                                                                                                                                                                                                                                                                        | REFERENCE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QUANTITY      | WASTE | TOTAL QTY                                     | UNIT             | COST/UNIT   | MATERIAL TOTAL | UNIT HOURS | TOTAL MANHOUR | LABOR RATE | TOTAL LABOR | TOTAL COST | TRADE COST |
| DIV. 01 GENERAL CONDITIONS                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| GENERAL REQUIREMENTS                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 1                                                                                                                                                                                                                                                                                                           |           | Mobilization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 1,200   |            |
| 2                                                                                                                                                                                                                                                                                                           |           | Supervision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 3,500   |            |
| 3                                                                                                                                                                                                                                                                                                           |           | Safety requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 1,200   |            |
| 4                                                                                                                                                                                                                                                                                                           |           | Office overheads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 1,600   |            |
| 5                                                                                                                                                                                                                                                                                                           |           | Project Closeouts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 2,500   |            |
| 6                                                                                                                                                                                                                                                                                                           |           | Submittal and approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 2,500   |            |
| 7                                                                                                                                                                                                                                                                                                           |           | Temporary Facilities and Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1             | 0%    | 1                                             | LS               | \$ -        | \$ -           | 0          | 0             | \$ -       | \$ -        | \$ 4,500   |            |
| Subtotal (General conditions)                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               | Total mat. cost: | \$ -        |                |            | To Labor      | \$ -       |             | \$ 17,000  |            |
| DIV. 22 PLUMBING                                                                                                                                                                                                                                                                                            |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| PLUMBING FIXTURES                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 8                                                                                                                                                                                                                                                                                                           |           | (HWC) Handicap Water Closet<br>Manu: TOTO<br>Model: "Drake" #CS7744SL, ADA Compliant, 1.6 GPF<br>Type: Elongated bowl & seat, floor mounted, floor outlet, tank type<br>Flush: Siphon-Jet Action<br>(U1) Handicap Urinal<br>Manu: American Standard<br>Model: #6561.017, Trimbrook, 1.0 GPF<br>Type: Wall hung, 3/4" top inlet spud<br>Flush: Siphon-Jet Action, Sloan Regal Flush Valve (or equal)<br>(L1) Handicap Lavatory, Wall Hung<br>Manu: American Standard<br>Model: #0355.012, Lucerne, 20"x18" vitreous china<br>Faucet: #2835.130 vandal-resistant, single lever handle<br>Strainer: #7733.018 offset grid, 1-1/4" tailpiece<br>Trap: Chrome plated cast brass P-trap with cleanout<br>(EEW) Wall Mount Eye Wash Station<br>Source: Furnished by Owner<br>Install: By Contractor<br>(SSF) Service Sink Faucet<br>Manu: Central Brass<br>Model: #0054-JU-01, chrome plated, vacuum breaker, hose end outlet<br>(EWC1) Water Cooler<br>Manu: Halsey-Taylor<br>Model: HVR8 BLFR-Child, vandal resistant<br>Capacity: 7.8 GPH at 80°F ambient, 90°F inlet<br>Type: Bi-Level cooler, ADA compliant with bottle filler option.<br>(EWC2) Water Cooler<br>Manu: Halsey-Taylor<br>Model: HVR8 BLFR-Child, same as EWC1<br>Capacity: 7.8 GPH at 80°F ambient, 90°F inlet<br>(HWH) Electric Hot Water Heater<br>Manu: State<br>Model: #S6 10 SMS, 10 gallon<br>Power: 240V, 4500W<br>Temp Setting: 125°F<br>(ET) Hot Water Expansion Tank<br>Manu: Amtrol (or equal)<br>Model: #ST-5, 2 gallon diaphragm type<br>(RCP) Hot Water Recirculation Pump<br>Manu: Bell & Gossett (or equal)<br>Model: #NBF-22, bronze fittings, 120V<br>Control: Honeywell 1600C aquastat<br>Temp Setting: 120°F | 3             | 0%    | 3                                             | EA               | \$ 806.00   | \$ 2,418.00    | 4.00       | 12.00         | \$ 100     | \$ 1,200    | \$ 3,618   |            |
| 9                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2             | 0%    | 2                                             | EA               | \$ 920.00   | \$ 1,840.00    | 5.00       | 10.00         | \$ 100     | \$ 1,000    | \$ 2,840   |            |
| 10                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3             | 0%    | 3                                             | EA               | \$ 645.00   | \$ 1,935.00    | 3.00       | 9.00          | \$ 100     | \$ 900      | \$ 2,835   |            |
| 11                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 496.00   | \$ 496.00      | 2.00       | 2.00          | \$ 100     | \$ 200      | \$ 696     |            |
| 12                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 280.00   | \$ 280.00      | 1.50       | 1.50          | \$ 100     | \$ 150      | \$ 430     |            |
| 13                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 2,400.00 | \$ 2,400.00    | 8.00       | 8.00          | \$ 100     | \$ 800      | \$ 3,200   |            |
| 14                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 2,400.00 | \$ 2,400.00    | 8.00       | 8.00          | \$ 100     | \$ 800      | \$ 3,200   |            |
| 15                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 2,850.00 | \$ 2,850.00    | 10.00      | 10.00         | \$ 100     | \$ 1,000    | \$ 3,850   |            |
| 16                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 845.00   | \$ 845.00      | 3.00       | 3.00          | \$ 100     | \$ 300      | \$ 1,145   |            |
| 17                                                                                                                                                                                                                                                                                                          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1             | 0%    | 1                                             | EA               | \$ 2,210.00 | \$ 2,210.00    | 8.00       | 8.00          | \$ 100     | \$ 800      | \$ 3,010   |            |
| WASTE PIPING                                                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Note: Pipe Material is PVC SDR-35, Schedule 40 ( Assumed)                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 18                                                                                                                                                                                                                                                                                                          |           | 2" Dia Waste Water Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 109           | 10%   | 120                                           | LF               | \$ 15.30    | \$ 1,828.75    | 0.16       | 19.12         | \$ 100     | \$ 1,912    | \$ 3,741   |            |
| 19                                                                                                                                                                                                                                                                                                          |           | 3" Dia Waste Water Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 75            | 10%   | 82                                            | LF               | \$ 20.69    | \$ 1,699.64    | 0.19       | 15.20         | \$ 100     | \$ 1,520    | \$ 3,219   |            |
| 20                                                                                                                                                                                                                                                                                                          |           | 4" Dia Waste Water Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 591           | 10%   | 650                                           | LF               | \$ 27.32    | \$ 17,749.31   | 0.21       | 136.43        | \$ 100     | \$ 13,643   | \$ 31,393  |            |
| WASTE PIPING (FITTINGS)                                                                                                                                                                                                                                                                                     |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Bend                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 21                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 19            | 0%    | 19                                            | EA               | \$ 78.00    | \$ 1,482.00    | 1.00       | 19.00         | \$ 100     | \$ 1,900    | \$ 3,382   |            |
| 22                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 31            | 0%    | 31                                            | EA               | \$ 78.00    | \$ 2,418.00    | 1.00       | 31.00         | \$ 100     | \$ 3,100    | \$ 5,518   |            |
| 23                                                                                                                                                                                                                                                                                                          |           | (3" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8             | 0%    | 8                                             | EA               | \$ 92.00    | \$ 736.00      | 1.20       | 9.60          | \$ 100     | \$ 960      | \$ 1,696   |            |
| 24                                                                                                                                                                                                                                                                                                          |           | (3" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11            | 0%    | 11                                            | EA               | \$ 92.00    | \$ 1,012.00    | 1.20       | 13.20         | \$ 100     | \$ 1,320    | \$ 2,332   |            |
| 25                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16            | 0%    | 16                                            | EA               | \$ 122.00   | \$ 1,952.00    | 1.40       | 22.40         | \$ 100     | \$ 2,240    | \$ 4,192   |            |
| 26                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20            | 0%    | 20                                            | EA               | \$ 122.00   | \$ 2,440.00    | 1.40       | 28.00         | \$ 100     | \$ 2,800    | \$ 5,240   |            |
| Tee                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 27                                                                                                                                                                                                                                                                                                          |           | (2" To 2" To 2") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8             | 0%    | 8                                             | EA               | \$ 94.00    | \$ 752.00      | 1.00       | 8.00          | \$ 100     | \$ 800      | \$ 1,552   |            |
| 28                                                                                                                                                                                                                                                                                                          |           | (4" To 4" To 2") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3             | 0%    | 3                                             | EA               | \$ 128.00   | \$ 384.00      | 1.50       | 4.50          | \$ 100     | \$ 450      | \$ 834     |            |
| 29                                                                                                                                                                                                                                                                                                          |           | (4" To 4" To 3") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2             | 0%    | 2                                             | EA               | \$ 132.00   | \$ 264.00      | 1.45       | 2.90          | \$ 100     | \$ 290      | \$ 554     |            |
| 30                                                                                                                                                                                                                                                                                                          |           | (4" To 4" To 4") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 17            | 0%    | 17                                            | EA               | \$ 130.00   | \$ 2,210.00    | 1.50       | 25.50         | \$ 100     | \$ 2,550    | \$ 4,760   |            |
| VENT PIPE                                                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Note: Pipe Material is Schedule 40 ( Assumed)                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 31                                                                                                                                                                                                                                                                                                          |           | 2" Dia Vent Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 241           | 10%   | 265                                           | LF               | \$ 15.30    | \$ 4,055.02    | 0.16       | 42.41         | \$ 100     | \$ 4,241    | \$ 8,296   |            |
| 32                                                                                                                                                                                                                                                                                                          |           | 3" Dia Vent Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 39            | 10%   | 43                                            | LF               | \$ 20.69    | \$ 890.01      | 0.19       | 7.87          | \$ 100     | \$ 787      | \$ 1,667   |            |
| 33                                                                                                                                                                                                                                                                                                          |           | 4" Dia Vent Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24            | 10%   | 26                                            | LF               | \$ 27.32    | \$ 713.84      | 0.21       | 5.49          | \$ 100     | \$ 549      | \$ 1,263   |            |
| 34                                                                                                                                                                                                                                                                                                          |           | 1-1/2" Dia Vent Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 118           | 10%   | 130                                           | LF               | \$ 12.20    | \$ 1,589.55    | 0.14       | 18.24         | \$ 100     | \$ 1,824    | \$ 3,414   |            |
| VENT PIPE (FITTINGS)                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Bend                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 35                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4             | 0%    | 4                                             | EA               | \$ 78.00    | \$ 312.00      | 1.00       | 4.00          | \$ 100     | \$ 400      | \$ 712     |            |
| 36                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12            | 0%    | 12                                            | EA               | \$ 78.00    | \$ 936.00      | 1.00       | 12.00         | \$ 100     | \$ 1,200    | \$ 2,136   |            |
| 37                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2             | 0%    | 2                                             | EA               | \$ 122.00   | \$ 244.00      | 1.40       | 2.80          | \$ 100     | \$ 280      | \$ 524     |            |
| 38                                                                                                                                                                                                                                                                                                          |           | (1-1/2" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1             | 0%    | 1                                             | EA               | \$ 62.00    | \$ 62.00       | 0.85       | 0.85          | \$ 100     | \$ 85       | \$ 147     |            |
| 39                                                                                                                                                                                                                                                                                                          |           | (1-1/2" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7             | 0%    | 7                                             | EA               | \$ 62.00    | \$ 434.00      | 0.85       | 5.95          | \$ 100     | \$ 595      | \$ 1,029   |            |
| Tee                                                                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 40                                                                                                                                                                                                                                                                                                          |           | (2" To 2" To 2") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4             | 0%    | 4                                             | EA               | \$ 94.00    | \$ 376.00      | 1.05       | 4.20          | \$ 100     | \$ 420      | \$ 796     |            |
| 41                                                                                                                                                                                                                                                                                                          |           | (2" To 2" To 1-1/2") Tee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2             | 0%    | 2                                             | EA               | \$ 92.00    | \$ 184.00      | 1.00       | 2.00          | \$ 100     | \$ 200      | \$ 384     |            |
| GAS PIPING                                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Note: Black Steel Pipe (Schedule 40) ( Assumed)                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 42                                                                                                                                                                                                                                                                                                          |           | 1" Dia Gas Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 300           | 10%   | 330                                           | LF               | \$ 11.00    | \$ 3,630.23    | 0.15       | 49.50         | \$ 100     | \$ 4,950    | \$ 8,581   |            |
| 43                                                                                                                                                                                                                                                                                                          |           | 2" Dia Gas Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 96            | 10%   | 105                                           | LF               | \$ 15.00    | \$ 1,580.26    | 0.20       | 21.07         | \$ 100     | \$ 2,107    | \$ 3,687   |            |
| 44                                                                                                                                                                                                                                                                                                          |           | 3/4" Dia Gas Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10            | 10%   | 11                                            | LF               | \$ 9.00     | \$ 97.12       | 0.10       | 1.08          | \$ 100     | \$ 108      | \$ 205     |            |
| 45                                                                                                                                                                                                                                                                                                          |           | 1-1/4" Dia Gas Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 48            | 10%   | 53                                            | LF               | \$ 13.00    | \$ 692.55      | 0.18       | 9.59          | \$ 100     | \$ 959      | \$ 1,651   |            |
| GAS PIPING (FITTINGS)                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Bend                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 46                                                                                                                                                                                                                                                                                                          |           | (1" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4             | 0%    | 4                                             | EA               | \$ 25.00    | \$ 100.00      | 0.30       | 1.20          | \$ 100     | \$ 120      | \$ 220     |            |
| 47                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1             | 0%    | 1                                             | EA               | \$ 32.00    | \$ 32.00       | 0.35       | 0.35          | \$ 100     | \$ 35       | \$ 67      |            |
| 48                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3             | 0%    | 3                                             | EA               | \$ 35.00    | \$ 105.00      | 0.40       | 1.20          | \$ 100     | \$ 120      | \$ 225     |            |
| 49                                                                                                                                                                                                                                                                                                          |           | (3/4" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1             | 0%    | 1                                             | EA               | \$ 18.00    | \$ 18.00       | 0.25       | 0.25          | \$ 100     | \$ 25       | \$ 43      |            |
| 50                                                                                                                                                                                                                                                                                                          |           | (1-1/4" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1             | 0%    | 1                                             | EA               | \$ 28.00    | \$ 28.00       | 0.35       | 0.35          | \$ 100     | \$ 35       | \$ 63      |            |
| RECLAIM CONDUIT PIPING                                                                                                                                                                                                                                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Note: Pipe Material is PVC (Schedule 40) ( Assumed)                                                                                                                                                                                                                                                         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 51                                                                                                                                                                                                                                                                                                          |           | 2" Dia. SCH 40 Reclaim Conduit Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 306           | 10%   | 337                                           | LF               | \$ 2.41     | \$ 811.62      | 0.12       | 40.41         | \$ 100     | \$ 4,041    | \$ 4,853   |            |
| 52                                                                                                                                                                                                                                                                                                          |           | 4" Dia. SCH 40 Reclaim Conduit Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 429           | 10%   | 472                                           | LF               | \$ 3.36     | \$ 1,585.60    | 0.14       | 66.07         | \$ 100     | \$ 6,607    | \$ 8,192   |            |
| RECLAIM CONDUIT PIPING (FITTINGS)                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Bend                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 53                                                                                                                                                                                                                                                                                                          |           | (2" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18            | 0%    | 18                                            | EA               | \$ 7.56     | \$ 136.08      | 0.25       | 4.50          | \$ 100     | \$ 450      | \$ 586     |            |
| 54                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13            | 0%    | 13                                            | EA               | \$ 20.00    | \$ 260.00      | 0.30       | 3.90          | \$ 100     | \$ 390      | \$ 650     |            |
| DRAINAGE PIPING                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Note: Pipe Material is PVC (Schedule SDR 40)                                                                                                                                                                                                                                                                |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 55                                                                                                                                                                                                                                                                                                          |           | 6" Dia. PVC Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 94            | 10%   | 104                                           | LF               | \$ 8.63     | \$ 895.09      | 0.20       | 20.74         | \$ 100     | \$ 2,074    | \$ 2,969   |            |
| 56                                                                                                                                                                                                                                                                                                          |           | 8" Dia. PVC Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60            | 10%   | 66                                            | LF               | \$ 12.00    | \$ 794.24      | 0.22       | 14.56         | \$ 100     | \$ 1,456    | \$ 2,250   |            |
| 57                                                                                                                                                                                                                                                                                                          |           | 4" Dia. PVC Perforated Drainage Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 544           | 10%   | 599                                           | LF               | \$ 1.05     | \$ 628.52      | 0.10       | 59.86         | \$ 100     | \$ 5,986    | \$ 6,614   |            |
| 58                                                                                                                                                                                                                                                                                                          |           | 4" Dia. PVC Non-Perforated Drainage Pipe Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 119           | 10%   | 131                                           | LF               | \$ 2.63     | \$ 344.38      | 0.10       | 13.09         | \$ 100     | \$ 1,309    | \$ 1,654   |            |
| DRAINAGE PIPING (FITTINGS)                                                                                                                                                                                                                                                                                  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| Bend                                                                                                                                                                                                                                                                                                        |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |
| 59                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10            | 0%    | 10                                            | EA               | \$ 40.73    | \$ 407.30      | 0.30       | 3.00          | \$ 100     | \$ 300      | \$ 707     |            |
| 60                                                                                                                                                                                                                                                                                                          |           | (8" Dia) 45D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1             | 0%    | 1                                             | EA               | \$ 81.75    | \$ 81.75       | 0.35       | 0.35          | \$ 100     | \$ 35       | \$ 117     |            |
| 61                                                                                                                                                                                                                                                                                                          |           | (4" Dia) 90D Bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12            | 0%    | 12                                            | EA               | \$ 41.15    | \$ 493.80      | 0.35       | 4.20          | \$ 100     | \$ 420      | \$ 914     |            |
| DOMESTIC PIPING                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |       |                                               |                  |             |                |            |               |            |             |            |            |

| Sr #                                                                                                                                                                                         | REFERENCE | DESCRIPTION                                                                                                                                                                                                             | QUANTITY | WASTE | TOTAL QTY | UNIT | COST/UNIT        | MATERIAL<br>TOTAL | UNIT<br>HOURS | TOTAL<br>MANHOUR | LABOR<br>RATE       | TOTAL<br>LABOR | TOTAL COST | TRADE COST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-----------|------|------------------|-------------------|---------------|------------------|---------------------|----------------|------------|------------|
|                                                                                                                                                                                              |           | Note: Pipe Material is Type L Copper( Assumed)                                                                                                                                                                          |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
|                                                                                                                                                                                              |           | Cold Water Pipping                                                                                                                                                                                                      |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 62                                                                                                                                                                                           |           | 4" Dia Water Pipe Line                                                                                                                                                                                                  | 7        | 10%   | 7         | LF   | \$ 28.00         | \$ 202.05         | 0.25          | 1.80             | \$ 100              | \$ 180         | \$ 382     |            |
| 63                                                                                                                                                                                           |           | 1" Dia Cold Water Pipe Line                                                                                                                                                                                             | 26       | 10%   | 29        | LF   | \$ 8.00          | \$ 231.97         | 0.12          | 3.42             | \$ 100              | \$ 342         | \$ 574     |            |
| 64                                                                                                                                                                                           |           | 2" Dia Cold Water Pipe Line                                                                                                                                                                                             | 7        | 10%   | 8         | LF   | \$ 16.96         | \$ 133.58         | 0.19          | 1.50             | \$ 100              | \$ 150         | \$ 283     |            |
| 65                                                                                                                                                                                           |           | 3" Dia Cold Water Pipe Line                                                                                                                                                                                             | 10       | 10%   | 11        | LF   | \$ 25.84         | \$ 284.24         | 0.22          | 2.42             | \$ 100              | \$ 242         | \$ 526     |            |
| 66                                                                                                                                                                                           |           | 1/2" Dia Cold Water Pipe Line                                                                                                                                                                                           | 207      | 10%   | 228       | LF   | \$ 3.20          | \$ 729.24         | 0.10          | 22.56            | \$ 100              | \$ 2,256       | \$ 2,985   |            |
| 67                                                                                                                                                                                           |           | 3/4" Dia Cold Water Pipe Line                                                                                                                                                                                           | 72       | 10%   | 79        | LF   | \$ 5.60          | \$ 441.32         | 0.11          | 8.27             | \$ 100              | \$ 827         | \$ 1,269   |            |
| 68                                                                                                                                                                                           |           | 1-1/4" Dia Cold Water Pipe Line                                                                                                                                                                                         | 172      | 10%   | 189       | LF   | \$ 11.34         | \$ 2,147.69       | 0.15          | 29.17            | \$ 100              | \$ 2,917       | \$ 5,064   |            |
|                                                                                                                                                                                              |           | Hot Water Pipping                                                                                                                                                                                                       |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 69                                                                                                                                                                                           |           | 1/2" Dia Hot Water Pipe Line                                                                                                                                                                                            | 196      | 10%   | 215       | LF   | \$ 3.20          | \$ 688.85         | 0.10          | 21.31            | \$ 100              | \$ 2,131       | \$ 2,820   |            |
| 70                                                                                                                                                                                           |           | 3/4" Dia Hot Water Pipe Line                                                                                                                                                                                            | 85       | 10%   | 94        | LF   | \$ 5.60          | \$ 523.97         | 0.11          | 9.82             | \$ 100              | \$ 982         | \$ 1,506   |            |
| 71                                                                                                                                                                                           |           | 1/2" Dia Hot Water Recirculation Pipe Line                                                                                                                                                                              | 144      | 10%   | 159       | LF   | \$ 3.20          | \$ 508.43         | 0.10          | 15.73            | \$ 100              | \$ 1,573       | \$ 2,081   |            |
|                                                                                                                                                                                              |           | DOMESTIC PIPING (FITTINGS)                                                                                                                                                                                              |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
|                                                                                                                                                                                              |           | Bend                                                                                                                                                                                                                    |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 72                                                                                                                                                                                           |           | (1" Dia) 90D Bend                                                                                                                                                                                                       | 1        | 0%    | 1         | EA   | \$ 52.00         | \$ 52.00          | 0.80          | 0.80             | \$ 100              | \$ 80          | \$ 132     |            |
| 73                                                                                                                                                                                           |           | (1/2" Dia) 90D Bend                                                                                                                                                                                                     | 27       | 0%    | 27        | EA   | \$ 22.00         | \$ 594.00         | 0.35          | 9.45             | \$ 100              | \$ 945         | \$ 1,539   |            |
| 74                                                                                                                                                                                           |           | (3/4" Dia) 90D Bend                                                                                                                                                                                                     | 7        | 0%    | 7         | EA   | \$ 40.00         | \$ 280.00         | 0.55          | 3.85             | \$ 100              | \$ 385         | \$ 665     |            |
| 75                                                                                                                                                                                           |           | (1-1/4" Dia) 90D Bend                                                                                                                                                                                                   | 2        | 0%    | 2         | EA   | \$ 71.00         | \$ 142.00         | 1.00          | 2.00             | \$ 100              | \$ 200         | \$ 342     |            |
|                                                                                                                                                                                              |           | Tee                                                                                                                                                                                                                     |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 76                                                                                                                                                                                           |           | (1/2" To 1/2" To 1/2") Tee                                                                                                                                                                                              | 1        | 0%    | 1         | EA   | \$ 25.00         | \$ 25.00          | 0.40          | 0.40             | \$ 100              | \$ 40          | \$ 65      |            |
| 77                                                                                                                                                                                           |           | (3/4" To 3/4" To 3/4") Tee                                                                                                                                                                                              | 2        | 0%    | 2         | EA   | \$ 42.00         | \$ 84.00          | 0.60          | 1.20             | \$ 100              | \$ 120         | \$ 204     |            |
| 78                                                                                                                                                                                           |           | (1/2" To 1/2" To 1/2") Tee                                                                                                                                                                                              | 1        | 0%    | 1         | EA   | \$ 25.00         | \$ 25.00          | 0.40          | 0.40             | \$ 100              | \$ 40          | \$ 65      |            |
|                                                                                                                                                                                              |           | DRAIN'S                                                                                                                                                                                                                 |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 79                                                                                                                                                                                           |           | (FD) Floor Drain<br>Manu: J.R Smith (or equal)<br>Model: #2005, cast iron<br>Top: Adjustable, 6" cast iron strainer                                                                                                     | 11       | 0%    | 11        | EA   | \$ 320.00        | \$ 3,520.00       | 1.50          | 16.50            | \$ 100              | \$ 1,650       | \$ 5,170   |            |
|                                                                                                                                                                                              |           | CLEANOUT'S                                                                                                                                                                                                              |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 80                                                                                                                                                                                           |           | General Cleanout                                                                                                                                                                                                        | 4        | 0%    | 4         | EA   | \$ 345.00        | \$ 1,380.00       | 1.50          | 6.00             | \$ 100              | \$ 600         | \$ 1,980   |            |
| 81                                                                                                                                                                                           |           | (FCO) Floor Cleanout                                                                                                                                                                                                    | 2        | 0%    | 2         | EA   | \$ 345.00        | \$ 690.00         | 1.50          | 3.00             | \$ 100              | \$ 300         | \$ 990     |            |
| 82                                                                                                                                                                                           |           | Sanitary Sewer Cleanout: SSCO                                                                                                                                                                                           | 4        | 0%    | 4         | EA   | \$ 380.00        | \$ 1,520.00       | 1.65          | 6.60             | \$ 100              | \$ 660         | \$ 2,180   |            |
|                                                                                                                                                                                              |           | VALVES                                                                                                                                                                                                                  |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 83                                                                                                                                                                                           |           | Gate Valve                                                                                                                                                                                                              | 12       | 0%    | 12        | EA   | \$ 75.00         | \$ 900.00         | 0.50          | 6.00             | \$ 100              | \$ 600         | \$ 1,500   |            |
| 84                                                                                                                                                                                           |           | Check Valve                                                                                                                                                                                                             | 2        | 0%    | 2         | EA   | \$ 145.00        | \$ 290.00         | 1.00          | 2.00             | \$ 100              | \$ 200         | \$ 490     |            |
| 85                                                                                                                                                                                           |           | Balancing Vavle                                                                                                                                                                                                         | 2        | 0%    | 2         | EA   | \$ 320.00        | \$ 640.00         | 0.75          | 1.50             | \$ 100              | \$ 150         | \$ 790     |            |
| 86                                                                                                                                                                                           |           | 3/4" Drain Valve                                                                                                                                                                                                        | 1        | 0%    | 1         | EA   | \$ 35.00         | \$ 35.00          | 0.25          | 0.25             | \$ 100              | \$ 25          | \$ 60      |            |
| 87                                                                                                                                                                                           |           | Gas Shutoff Valve                                                                                                                                                                                                       | 10       | 0%    | 10        | EA   | \$ 40.00         | \$ 400.00         | 0.20          | 2.00             | \$ 100              | \$ 200         | \$ 600     |            |
| 88                                                                                                                                                                                           |           | Vaccum Relief Valve                                                                                                                                                                                                     | 1        | 0%    | 1         | EA   | \$ 180.00        | \$ 180.00         | 0.50          | 0.50             | \$ 100              | \$ 50          | \$ 230     |            |
| 89                                                                                                                                                                                           |           | 1" RPZ Backflow Preventor                                                                                                                                                                                               | 1        | 0%    | 1         | EA   | \$ 1,200.00      | \$ 1,200.00       | 2.00          | 2.00             | \$ 100              | \$ 200         | \$ 1,400   |            |
| 90                                                                                                                                                                                           |           | 2" RPZ Backflow Preventor                                                                                                                                                                                               | 1        | 0%    | 1         | EA   | \$ 1,800.00      | \$ 1,800.00       | 2.50          | 2.50             | \$ 100              | \$ 250         | \$ 2,050   |            |
| 91                                                                                                                                                                                           |           | Combination Pressure & Temperature Relief Valve                                                                                                                                                                         | 1        | 0%    | 1         | EA   | \$ 120.00        | \$ 120.00         | 0.50          | 0.50             | \$ 100              | \$ 50          | \$ 170     |            |
| 92                                                                                                                                                                                           |           | (MV) Mixing Valve<br>Manu: Watts<br>Model: LFUSGB, thermostatic controlled<br>Type: Bronze body, locked temp adjustment, integral filter washers, check valves<br>Temp Range: 110°F (max)<br>Certifications: ASSE #1070 | 3        | 0%    | 3         | EA   | \$ 385.00        | \$ 1,155.00       | 1.00          | 3.00             | \$ 100              | \$ 300         | \$ 1,455   |            |
|                                                                                                                                                                                              |           | METER                                                                                                                                                                                                                   |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 93                                                                                                                                                                                           |           | Water Meter                                                                                                                                                                                                             | 1        | 0%    | 1         | EA   | \$ 450.00        | \$ 450.00         | 1.50          | 1.50             | \$ 100              | \$ 150         | \$ 600     |            |
|                                                                                                                                                                                              |           | MISC. ITEMS                                                                                                                                                                                                             |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 94                                                                                                                                                                                           |           | Union                                                                                                                                                                                                                   | 4        | 0%    | 4         | EA   | \$ 25.00         | \$ 100.00         | 0.10          | 0.40             | \$ 100              | \$ 40          | \$ 140     |            |
| 95                                                                                                                                                                                           |           | End Cap                                                                                                                                                                                                                 | 1        | 0%    | 1         | EA   | \$ 8.00          | \$ 8.00           | 0.05          | 0.05             | \$ 100              | \$ 5           | \$ 13      |            |
| 96                                                                                                                                                                                           |           | Gas Regulator                                                                                                                                                                                                           | 4        | 0%    | 4         | EA   | \$ 150.00        | \$ 600.00         | 0.50          | 2.00             | \$ 100              | \$ 200         | \$ 800     |            |
| 97                                                                                                                                                                                           |           | Plumbing Connection                                                                                                                                                                                                     | 1        | 0%    | 1         | EA   | \$ 60.00         | \$ 60.00          | 0.50          | 0.50             | \$ 100              | \$ 50          | \$ 110     |            |
|                                                                                                                                                                                              |           | Subtotal (Plumbing)                                                                                                                                                                                                     |          |       |           |      | Total mat. cost: | \$ 97,251         |               | To. Labor        |                     | \$ 101,834     |            | \$ 199,085 |
|                                                                                                                                                                                              |           |                                                                                                                                                                                                                         |          |       |           |      | Total manhours   | 1018              |               |                  |                     |                |            |            |
| NOTES FOR CLIENTS                                                                                                                                                                            |           |                                                                                                                                                                                                                         |          |       |           |      |                  |                   |               |                  | TOTAL TRADES AMOUNT |                | \$216,085  |            |
| 1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resources, we still encourage our clients to put their own. |           |                                                                                                                                                                                                                         |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference.                                                                          |           |                                                                                                                                                                                                                         |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| 3. Feel free to contact us for any queries or suggestions.                                                                                                                                   |           |                                                                                                                                                                                                                         |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
| Notes:                                                                                                                                                                                       |           |                                                                                                                                                                                                                         |          |       |           |      |                  |                   |               |                  |                     |                |            |            |
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