

**Project Name :- King William Mixed Use Redevelopment**

**Location :- Hamilton, ON**

**Estimate Date :- 20th January 2019**

**Estimator :- Tesbee Consultancy**

**Full GC Estimate**

| Item No.            | Description   | Unit  | Quantity | Unit Rate | Amount   |
|---------------------|---|-------|----------|-----------|----------|
| <b>Structure</b>    |   |       |          |           |          |
| <b>Ground Floor</b> |   |       |          |           |          |
| <b>Beam</b>         |   |       |          |           |          |
| 1                   | (3) 2x12 Wood Beam  | L.ft  | 29       | 24.80     | 719.20   |
| 2                   | (2) 2x12 Wood Floor Joists @ 16" O.C  | L.ft  | 59       | 17.20     | 1,014.80 |
| 3                   | Cut Back Existing Floor Joists and Hanger into New Beam (65 Sq.ft)  | Sum   | 1        | 450.00    | 450.00   |
| 4                   | W8x18 Steel Beam  | Lbs   | 61       | 3.15      | 192.15   |
| 5                   | 8"x6"x1/2" Bearing Plate  | Nos   | 2        | 150.00    | 300.00   |
| <b>Roof</b>         |   |       |          |           |          |
| <b>Beam</b>         |   |       |          |           |          |
| 6                   | W410x45 Steel Beam  | Lbs   | 846      | 3.15      | 2,664.90 |
| 7                   | 9"x4"x3/8" Top Plate - Fastened to Steel Beam with (2) 1/2" Thru Bolts  | Nos   | 2        | 150.00    | 300.00   |
| 8                   | 9"x4"x3/8" Base Plate - Fastened to Solid Blocking with (2) 1/2" Diameter Lag Screws (4" Long)  | Nos   | 2        | 150.00    | 300.00   |
| <b>Column</b>       |   |       |          |           |          |
| 9                   | 11'-0" Height HSS 3 1/2x3 1/2x3/16 Coloumn ( 91Lbs/Each)  | Nos   | 2        | 300.00    | 600.00   |
| 10                  | (2) L2x2x1/8 (2" Long) @ 8" O.C (Minimum 10 per Side) - Welded to Coloumn with 3/16" Fillet Weld Top and Bottom and Fastened to Existing Exterior Brick Wall with HILTI 1/4" Diameter KWK-CON II Screw (1 3/4" Embedment) | Sum   | 1        | 210.00    | 210.00   |
| <b>Second Floor</b> |   |       |          |           |          |
| <b>Beam</b>         |   |       |          |           |          |
| 11                  | L 5"x3 1/2"x5/16" Steel Beam  | Lbs   | 164      | 3.15      | 516.60   |
| <b>Shaftwell</b>    |   |       |          |           |          |
| <b>Foundation</b>   |   |       |          |           |          |
| 12                  | 20"x8" Strip Footing with (2) 15M Bars  | L.ft  | 13       |           |          |
|                     | Concrete  | Cu.ft | 16       | 11.50     | 184.00   |
|                     | Formwork  | Sq.ft | 44       | 16.00     | 704.00   |
|                     | Rebar 15M   | Lbs   | 19       | 3.15      | 59.85    |
| 13                  | 8" Poured Concrete Wall   | L.ft  | 11       |           |          |
|                     | Concrete  | Cu.ft | 36       | 11.50     | 414.00   |
|                     | Formwork  | Sq.ft | 106      | 16.00     | 1,696.00 |
|                     | Rebar   | Lbs   | 117      | 2.65      | 310.05   |
| 14                  | 15M Dowels @ 16" O.C (12" Long c/w 6" Embedment into Existing Wall with HILTI HY-70 Epoxy   | Nos   | 4        | 155.00    | 620.00   |
| <b>Sub Grade</b>    |   |       |          |           |          |
| 15                  | 10 Sq.ft x 3'-9" LF Compacted Granular Fill   | Sum   | 1        | 250.00    | 250.00   |
| <b>Third Floor</b>  |   |       |          |           |          |
| <b>Beam</b>         |   |       |          |           |          |
| 16                  | L 5"x3 1/2"x5/16" Steel Beam  | Lbs   | 82       | 3.15      | 258.30   |

## Full GC Estimate

| Item No.               | Description   | Unit  | Quantity | Unit Rate | Amount   |
|------------------------|---|-------|----------|-----------|----------|
| <b>Architecture</b>    |   |       |          |           |          |
| <b>Basement</b>        |   |       |          |           |          |
| <b>Ceiling</b>         |   |       |          |           |          |
| 17                     | Painting to ceiling   | Sq.ft | 865      | 1.60      | 1,384.00 |
| <b>Floor Finish</b>    |   |       |          |           |          |
| 18                     | SC - Existing Concrete Floor to be Cleaned, Repaired and Sealed with an Appropriate Concrete Floor Sealer | Sq.ft | 865      |           |          |
|                        | Repair existing concrete floor - assume 30% of floor area   | Sq.ft | 260      | 7.50      | 1,950.00 |
|                        | Concrete floor sealer   | Sq.ft | 865      | 1.60      | 1,384.00 |
| <b>Base</b>            |   |       |          |           |          |
| 19                     | Rubber Base - Johnsonite Coved Wall Base  | L.ft  | 275      | 4.30      | 1,182.50 |
| <b>Wall Finish</b>     |   |       |          |           |          |
| 20                     | Painting to Walls   | Sq.ft | 3,164    | 1.40      | 4,429.60 |
| <b>Walls</b>           |   |       |          |           |          |
| <b>Wall Type - W2R</b> |   |       |          |           |          |
| 21                     | 1 Hour Fire Rated 15.9mm Thick Type-X Gypsum Board  | Sq.ft | 741      |           |          |
|                        | 2X4 Wood Stud @ 16" O.C.  | L.ft  | 667      | 2.40      | 1,600.80 |
|                        | 1 Hour Fire Rated 15.9mm Thick Type-X Gypsum Board  | Sq.ft | 741      | 2.30      | 1,704.30 |
|                        | Mudding & Tapping   | Sq.ft | 1,482    | 0.90      | 1,333.80 |
| <b>Wall Type - W1</b>  |   |       |          |           |          |
| 22                     | 12.7mm Thick Gypsum Board   | Sq.ft | 508      |           |          |
|                        | 2X4 Wood Stud @ 24" O.C.  | L.ft  | 305      | 2.40      | 732.00   |
|                        | 12.7mm Thick Gypsum Board   | Sq.ft | 508      | 2.00      | 1,016.00 |
|                        | Mudding & Tapping   | Sq.ft | 1,016    | 0.90      | 914.40   |
| <b>Wall Type - F4</b>  |   |       |          |           |          |
| 23                     | 12.7mm Thick Gypsum Board   | Sq.ft | 35       |           |          |
|                        | 2X6 Wood Stud @ 18" O.C.  | L.ft  | 28       | 2.90      | 81.20    |
|                        | 6" Acoustic Batt Insulation   | Sq.ft | 35       | 2.80      | 98.00    |
|                        | Mudding & Tapping   | Sq.ft | 35       | 0.90      | 31.50    |
| <b>Exterior Work</b>   |   |       |          |           |          |
| <b>Exterior Finish</b> |   |       |          |           |          |
| 24                     | New Brick Infill (35 Sq.ft ) c/w make good existing brick   | Loc   | 1        | 1,150.00  | 1,150.00 |
| <b>Miscellaneous</b>   |   |       |          |           |          |
| 25                     | 1070mm Height Proposed Iron Guardrail   | L.ft  | 4        | 115.00    | 460.00   |
| 26                     | 950mm Height Metal Guardrail  | L.ft  | 46       | 100.00    | 4,600.00 |
| <b>Stairs</b>          |   |       |          |           |          |
| 27                     | Proposed Metal Egress Stair - Pre-fabricated (Assumed Galvanized)   | Nos   | 1        | 8,500.00  | 8,500.00 |
| <b>First Floor</b>     |   |       |          |           |          |
| <b>Ceiling</b>         |   |       |          |           |          |
| 28                     | Painting to ceiling   | Sq.ft | 1,072    | 1.60      | 1,715.20 |
| <b>Floor Finish</b>    |   |       |          |           |          |
|                        | PT 1 - Hexagonal Mosaic Floor Tile. Allow \$8.00 PSF for Supply Only                                      | Sq.ft | 80       | 16.00     | 1,280.00 |
| <b>Base</b>            |   |       |          |           |          |
| 29                     | Wood Base - 6" Paint Grade Wood Base  | L.ft  | 192      | 6.50      | 1,248.00 |
| <b>Wall Finish</b>     |   |       |          |           |          |
| 30                     | Painting to Walls   | Sq.ft | 2,490    | 1.40      | 3,486.00 |
| 31                     | Wall Tile - Subway Tile, Black, Matte, 3"x6", Horizontal Brick Pattern. Allow \$5.00 PSF for Supply Only  | Sq.ft | 399      | 13.50     | 5,386.50 |

## Full GC Estimate

| Item No. | Description   | Unit  | Quantity | Unit Rate | Amount    |
|----------|---|-------|----------|-----------|-----------|
|          | <b>Walls</b>  |       |          |           |           |
| 32       | <b>Wall Type - F4</b>   | Sq.ft | 451      |           |           |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 451      | 2.00      | 902.00    |
|          | 2X6 Wood Stud @ 18" O.C.  | L.ft  | 361      | 2.90      | 1,046.90  |
|          | 6" Acoustic Batt Insulation   | Sq.ft | 451      | 2.80      | 1,262.80  |
|          | Mudding & Tapping   | Sq.ft | 451      | 0.90      | 405.90    |
| 33       | <b>Wall Type - W1a</b>  | Sq.ft | 599      |           |           |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 599      | 2.00      | 1,198.00  |
|          | 2X4 Wood Stud @ 24" O.C.  | L.ft  | 360      | 2.40      | 864.00    |
|          | Acoustic Batt Insulation  | Sq.ft | 599      | 2.30      | 1,377.70  |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 599      | 2.00      | 1,198.00  |
|          | Mudding & Tapping   | Sq.ft | 1,198    | 0.90      | 1,078.20  |
| 34       | <b>Wall Type - WRI</b>  | Sq.ft | 181      |           |           |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 181      | 3.70      | 669.70    |
|          | 89X31mm Steel Studs @ 600mm O.C.,   | L.ft  | 109      | 2.80      | 305.20    |
|          | 89mm Roxul Safe And Sound Insulation  | Sq.ft | 181      | 2.25      | 407.25    |
|          | 63X31mm Floor & Ceiling Track Channel   | L.ft  | 109      | 1.80      | 196.20    |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 181      | 3.70      | 669.70    |
|          | Mudding & Tapping   | Sq.ft | 362      | 0.90      | 325.80    |
| 35       | <b>Wall Type - WR1b</b>   | Sq.ft | 173      |           |           |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 173      | 3.70      | 640.10    |
|          | 140X31mm Steel Studs @ 600mm O.C.,  | L.ft  | 104      | 2.90      | 301.60    |
|          | 89mm Roxul Safe And Sound Insulation  | Sq.ft | 173      | 2.15      | 371.95    |
|          | 63X31mm Floor & Ceiling Track Channel   | L.ft  | 104      | 1.10      | 114.40    |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 173      | 3.70      | 640.10    |
|          | Mudding & Tapping   | Sq.ft | 346      | 0.90      | 311.40    |
| 36       | <b>Wall Type - SH1</b>  | Sq.ft | 133      |           |           |
|          | 1 Hour Fire Rated 15.9mm CGC Sheetrock Firecode*C Panels                                      | Sq.ft | 133      | 2.70      | 359.10    |
|          | 64mm Thick C-H 25-Gauge Studs @ 610mm O.C.  | L.ft  | 80       | 1.40      | 112.00    |
|          | 1 Hour Fire Rated 25.4mm CGC Sheetrock Glass-Mat Liner Panels                                 | Sq.ft | 133      | 3.40      | 452.20    |
|          | Mudding & Tapping   | Sq.ft | 266      | 0.90      | 239.40    |
|          | <b>Roof</b>   |       |          |           |           |
| 37       | <b>Roof Area</b>  |       |          |           |           |
|          | Roof Type - ExR1  | Sq.ft | 2,244    |           |           |
|          | 25mm Thick Air Baffle Fastened To Underside Of Sheathing                                      | Sq.ft | 2,244    | 2.30      | 5,161.20  |
|          | Owens Corning Ecotouch Pink Batt Insul. R40 Min.  | Sq.ft | 2,244    | 1.90      | 4,263.60  |
|          | 1 Hour Fire Rated 15.9mm Gypsum Board for Ceiling   | Sq.ft | 2,244    | 6.20      | 13,912.80 |
|          | <b>Second Floor</b>   |       |          |           |           |
|          | <b>Ceiling</b>  |       |          |           |           |
| 38       | Painting to ceiling   | Sq.ft | 1,514    | 1.60      | 2,422.40  |
|          | <b>Base</b>   |       |          |           |           |
| 39       | Wood Base - 6" Paint Grade Wood Base  | L.ft  | 92       | 6.50      | 598.00    |
|          | <b>Floor Finish</b>   |       |          |           |           |
| 41       | PT 1 - Hexagonal Mosaic Floor Tile. Allow \$8.00 PSF for Supply Only                          | Sq.ft | 21       | 16.00     | 336.00    |
| 42       | WD 1 - 3'-4" Wide Mid-Premium Grade Reclaimed Hardwood Flooring                               | Sq.ft | 1,202    | 10.60     | 12,741.20 |
| 43       | PT 2 - Porcelain Tile Floor. Allow \$6.00 PSF for Supply Only                                 | Sq.ft | 133      | 13.00     | 1,729.00  |
|          | <b>Millwork</b>   |       |          |           |           |
| 44       | 600mm Width Closet  | L.ft  | 8        | 130.00    | 1,040.00  |

## Full GC Estimate

| Item No. | Description  | Unit  | Quantity | Unit Rate | Amount    |
|----------|--|-------|----------|-----------|-----------|
|          | <b>Wall Finish</b>   |       |          |           |           |
| 45       | Painting to Walls  | Sq.ft | 2,216    | 1.40      | 3,102.40  |
| 46       | Wall Tile - Subway Tile, Black, Matte, 3"x6", Horizontal Brick Pattern. Allow \$5.00 PSF for Supply Only | Sq.ft | 393      | 13.50     | 5,305.50  |
|          | <b>Walls</b>   |       |          |           |           |
| 47       | <b>Wall Type - WRI</b>   | Sq.ft | 130      |           |           |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied            | Sq.ft | 130      | 3.70      | 481.00    |
|          | 89X31mm Steel Studs @ 600mm O.C.,  | L.ft  | 78       | 2.80      | 218.40    |
|          | 89mm Roxul Safe And Sound Insulation   | Sq.ft | 130      | 2.25      | 292.50    |
|          | 63X31mm Floor & Ceiling Track Channel  | L.ft  | 78       | 1.80      | 140.40    |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied            | Sq.ft | 130      | 3.70      | 481.00    |
|          | Mudding & Tapping  | Sq.ft | 260      | 0.90      | 234.00    |
| 48       | <b>Wall Type - W1a</b>   | Sq.ft | 429      |           |           |
|          | 12.7mm Thick Gypsum Board  | Sq.ft | 429      | 2.00      | 858.00    |
|          | 2X4 Wood Stud @ 24" O.C.   | L.ft  | 258      | 2.40      | 619.20    |
|          | Acoustic Batt Insulation   | Sq.ft | 429      | 2.30      | 986.70    |
|          | 12.7mm Thick Gypsum Board  | Sq.ft | 429      | 2.00      | 858.00    |
|          | Mudding & Tapping  | Sq.ft | 858      | 0.90      | 772.20    |
| 49       | <b>Wall Type - WR1b</b>  | Sq.ft | 171      |           |           |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied            | Sq.ft | 171      | 3.70      | 632.70    |
|          | 140X31mm Steel Studs @ 600mm O.C.,   | L.ft  | 103      | 2.90      | 298.70    |
|          | 89mm Roxul Safe And Sound Insulation   | Sq.ft | 171      | 2.15      | 367.65    |
|          | 63X31mm Floor & Ceiling Track Channel  | L.ft  | 103      | 1.10      | 113.30    |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied            | Sq.ft | 171      | 3.70      | 632.70    |
|          | Mudding & Tapping  | Sq.ft | 342      | 0.90      | 307.80    |
| 50       | <b>Wall Type - SH2</b>   | Sq.ft | 50       |           |           |
|          | 2 Hour Fire Rated 12.7mm CGC Sheetrock Firecode*C Panels   | Sq.ft | 50       | 2.90      | 145.00    |
|          | 102mm Thick C-H 25-Gauge Studs @ 610mm O.C.  | L.ft  | 30       | 1.80      | 54.00     |
|          | 76mm Roxul Safe N' Sound Mineral Fibre Insulation  | Sq.ft | 50       | 2.15      | 107.50    |
|          | 2 Hour Fire Rated 25.4mm CGC Sheetrock Glass-Mat Liner Panels  | Sq.ft | 50       | 3.40      | 170.00    |
|          | Mudding & Tapping  | Sq.ft | 100      | 0.90      | 90.00     |
|          | <b>Third Floor</b>   |       |          |           |           |
|          | <b>Ceiling</b>   |       |          |           |           |
| 51       | Painting to ceiling  | Sq.ft | 1,428    | 1.60      | 2,284.80  |
|          | <b>Base</b>  |       |          |           |           |
| 52       | Wood Base - 6" Paint Grade Wood Base   | L.ft  | 305      | 6.50      | 1,982.50  |
|          | <b>Floor Finish</b>  |       |          |           |           |
| 53       | Luxuary Vinyl Tile   | Sq.ft | 25       | 3.80      | 95.00     |
| 54       | WD 2 - 8'-10" Wide Mid-Premium Grade Reclaimed Hardwood Flooring   | Sq.ft | 1,325    | 10.60     | 14,045.00 |
| 55       | PT 2 - Porcelain Tile Floor. Allow \$6.00 PSF for Supply Only  | Sq.ft | 98       | 14.00     | 1,372.00  |
|          | <b>Millwork</b>  |       |          |           |           |
| 56       | 450mm Width Closet   | L.ft  | 25       | 115.00    | 2,875.00  |
| 57       | 600mm Width Pantry Cupboards   | L.ft  | 3        | 135.00    | 405.00    |
| 58       | 600mm Width Countertop with Base Cabinets  | L.ft  | 14       | 270.00    | 3,780.00  |
| 59       | 450mm Width Vanitytop with Base Cabinet  | L.ft  | 5        | 235.00    | 1,175.00  |
|          | <b>Wall Finish</b>   |       |          |           |           |
| 60       | Painting to Walls  | Sq.ft | 3,166    | 1.40      | 4,432.40  |
| 61       | Wall Tile - Subway Tile, Black, Matte, 3"x6", Horizontal Brick Pattern. Allow \$5.00 PSF for Supply Only | Sq.ft | 580      | 13.50     | 7,830.00  |

## Full GC Estimate

| Item No. | Description   | Unit  | Quantity | Unit Rate | Amount   |
|----------|---|-------|----------|-----------|----------|
|          | <b>Walls</b>  |       |          |           |          |
| 62       | <b>Wall Type - F4</b>   | Sq.ft | 203      |           |          |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 203      | 2.00      | 406.00   |
|          | 2X6 Wood Stud @ 18" O.C.  | L.ft  | 122      | 2.90      | 353.80   |
|          | 6" Acoustic Batt Insulation   | Sq.ft | 203      | 2.80      | 568.40   |
|          | Mudding & Tapping   | Sq.ft | 203      | 0.90      | 182.70   |
| 63       | <b>Wall Type - WR1</b>  | Sq.ft | 132      |           |          |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 132      | 3.70      | 488.40   |
|          | 89X31mm Steel Studs @ 600mm O.C.,   | L.ft  | 80       | 2.80      | 224.00   |
|          | 89mm Roxul Safe And Sound Insulation  | Sq.ft | 132      | 2.25      | 297.00   |
|          | 63X31mm Floor & Ceiling Track Channel   | L.ft  | 80       | 1.80      | 144.00   |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 132      | 3.70      | 488.40   |
|          | Mudding & Tapping   | Sq.ft | 264      | 0.90      | 237.60   |
| 64       | <b>Wall Type - W1</b>   | Sq.ft | 1,145    |           |          |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 1,145    | 2.00      | 2,290.00 |
|          | 2X4 Wood Stud @ 24" O.C.  | L.ft  | 687      | 2.40      | 1,648.80 |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 1,145    | 2.00      | 2,290.00 |
|          | Mudding & Tapping   | Sq.ft | 2,290    | 0.90      | 2,061.00 |
| 65       | <b>Wall Type - WR3</b>  | Sq.ft | 733      |           |          |
|          | 1 Hour Fire Rated 15.9mm Thick Type-X Gypsum Board  | Sq.ft | 733      | 2.30      | 1,685.90 |
|          | 2X6 Wood Stud @ 16" O.C.  | L.ft  | 660      | 2.90      | 1,914.00 |
|          | 1 Hour Fire Rated 15.9mm Thick Type-X Gypsum Board  | Sq.ft | 733      | 2.30      | 1,685.90 |
|          | Mudding & Tapping   | Sq.ft | 1,466    | 0.90      | 1,319.40 |
| 66       | <b>Wall Type - WR1b</b>   | Sq.ft | 47       |           |          |
|          | 2 Hour Fire Rated 2 Layers 12.7mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 47       | 3.70      | 173.90   |
|          | 140X31mm Steel Studs @ 600mm O.C.,  | L.ft  | 29       | 2.90      | 84.10    |
|          | 89mm Roxul Safe And Sound Insulation  | Sq.ft | 47       | 2.15      | 101.05   |
|          | 63X31mm Floor & Ceiling Track Channel   | L.ft  | 29       | 1.10      | 31.90    |
|          | 2 Hour Fire Rated 2 Layers 15.9mm Thick Type-X Gypsum Board, 1200mm Wide & Vertically Applied | Sq.ft | 47       | 3.70      | 173.90   |
|          | Mudding & Tapping   | Sq.ft | 47       | 0.90      | 42.30    |
| 67       | <b>Wall Type - W1a</b>  | Sq.ft | 48       |           |          |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 48       | 2.00      | 96.00    |
|          | 2X4 Wood Stud @ 24" O.C.  | L.ft  | 29       | 2.40      | 69.60    |
|          | Acoustic Batt Insulation  | Sq.ft | 48       | 2.30      | 110.40   |
|          | 12.7mm Thick Gypsum Board   | Sq.ft | 48       | 2.00      | 96.00    |
|          | Mudding & Tapping   | Sq.ft | 96       | 0.90      | 86.40    |
|          | <b>Demolition</b>   |       |          |           |          |
|          | <b>Basement</b>   |       |          |           |          |
| 68       | Demolish Existing Walls (Sq.ft 39 )   | Loc   | 1        | 500.00    | 500.00   |
| 69       | Demolish Existing Water Main. Make Good the Foundation and Existing Drainage Membrane         | Nos   | 1        | 450.00    | 450.00   |
|          | <b>First Floor</b>  |       |          |           |          |
| 70       | Demolish Existing Double Door   | Nos   | 1        | 190.00    | 190.00   |
| 71       | Existing Single Door Handle Hardware to be Removed and Replaced with Door Hole Filler Plate   | Nos   | 1        | 200.00    | 200.00   |
| 72       | Remove Step Bullnose Edge and Curved Portion of Railing. Repair Stair Riser Support as Needed | Nos   | 1        | 150.00    | 150.00   |
|          | <b>Second Floor</b>   |       |          |           |          |
| 73       | Demolish Existing Walls (Opening in Existing Facade for Proposed Door) (37 Sq.ft)             | Loc   | 1        | 800.00    | 800.00   |
| 74       | 300mm x 400mm Proposed Vent Shafts  | Nos   | 2        | 350.00    | 700.00   |



## Full GC Estimate

| Item No. | Description  | Unit | Quantity | Unit Rate | Amount   |
|----------|--|------|----------|-----------|----------|
|          | <b>Electrical</b>  |      |          |           |          |
|          | <b>Basment</b>   |      |          |           |          |
|          | <b>Controllers</b>   |      |          |           |          |
| 75       | Occupancy Sensor Switch  | Nos  | 8        | 155.00    | 1,240.00 |
| 76       | Low Voltage On/Off Momentary Light Switch                        | Nos  | 3        | 145.00    | 435.00   |
| 77       | Manual Non-Fused Disconnect Switch                               | Nos  | 7        | 420.00    | 2,940.00 |
| 78       | Infrared Occupancy Sensor  | Nos  | 7        | 230.00    | 1,610.00 |
| 79       | Thermostat   | Nos  | 1        | 250.00    | 250.00   |
|          | <b>Emergency Lighting</b>  |      |          |           |          |
| 80       | Emergency Battery Unit with Two 7W LED Heads                     | Nos  | 3        | 255.00    | 765.00   |
| 81       | Emergency Light with Two 7W LED Heads                            | Nos  | 7        | 270.00    | 1,890.00 |
| 82       | Allow for Wiring and Conduit                                     | Nos  | 10       | 110.00    | 1,100.00 |
|          | <b>Fire Alarm</b>  |      |          |           |          |
| 83       | Horn/Strobe Combo in Common Areas                                | Nos  | 4        | 280.00    | 1,120.00 |
| 84       | Fire Manual Pull Station   | Nos  | 1        | 240.00    | 240.00   |
| 85       | Fire Alarm Control Panel   | Nos  | 1        | 1,200.00  | 1,200.00 |
|          | <b>Lighting</b>  |      |          |           |          |
| 86       | L 1  | Nos  | 24       | 245.00    | 5,880.00 |
| 87       | L 2  | Nos  | 4        | 235.00    | 940.00   |
| 88       | W 2  | Nos  | 1        | 225.00    | 225.00   |
| 89       | Allow for Wiring and Conduit                                     | Nos  | 29       | 110.00    | 3,190.00 |
|          | <b>Power</b>   |      |          |           |          |
| 90       | 120 VAC, Duplex Receptacle                                       | Nos  | 14       | 160.00    | 2,240.00 |
| 91       | 120 VAC, GFCI Duplex Receptacle                                  | Nos  | 2        | 165.00    | 330.00   |
| 92       | 240 VAC, Single Receptacle                                       | Nos  | 1        | 310.00    | 310.00   |
| 93       | 120 VAC, Duplex T-Slot Receptacle                                | Nos  | 3        | 165.00    | 495.00   |
| 94       | Fan or Motor. Wire as Required                                   | Nos  | 2        | 470.00    | 940.00   |
| 95       | 1P or 2P Hard Wired Power Connection                             | Nos  | 2        | 230.00    | 460.00   |
| 96       | Power Pack Mounted in Ceiling Space                              | Nos  | 4        | 170.00    | 680.00   |
| 97       | Allow for Wiring and Conduit                                     | Nos  | 28       | 110.00    | 3,080.00 |
|          | <b>First Floor</b>   |      |          |           |          |
|          | <b>Fire Protection System</b>                                    |      |          |           |          |
| 98       | LED Annunciator and Siren Combo                                  | Nos  | 1        | 275.00    | 275.00   |
| 99       | Push to Lock Push Button   | Nos  | 1        | 180.00    | 180.00   |
| 100      | Emergency Call Mushroom Push Button                              | Nos  | 1        | 180.00    | 180.00   |
| 101      | Dome Light and Siren Strobe Combo                                | Nos  | 1        | 270.00    | 270.00   |
| 102      | Connect to Existing Firemain System                              | Sum  | 1        | 1,000.00  | 1,000.00 |
|          | <b>Controllers</b>   |      |          |           |          |
| 103      | Low Voltage On/Off Momentary Light Switch                        | Nos  | 6        | 145.00    | 870.00   |
| 104      | Infrared Occupancy Sensor  | Nos  | 4        | 230.00    | 920.00   |
| 105      | Infrared Occupancy Sensor Switch with Dual Relay                 | Nos  | 1        | 165.00    | 165.00   |
| 106      | Smoke Detector   | Nos  | 1        | 210.00    | 210.00   |
|          | <b>Emergency Lighting</b>  |      |          |           |          |
| 107      | Emergency Battery Unit with Two 7W LED Heads                     | Nos  | 4        | 255.00    | 1,020.00 |
| 108      | Emergency Light with Two 7W LED Heads                            | Nos  | 6        | 270.00    | 1,620.00 |
| 109      | Allow for Wiring and Conduit                                     | Nos  | 10       | 110.00    | 1,100.00 |
|          | <b>Fire Alarm</b>  |      |          |           |          |
| 110      | Horn/Strobe Combo in Common Areas                                | Nos  | 5        | 280.00    | 1,400.00 |
| 111      | Fire Manual Pull Station   | Nos  | 4        | 240.00    | 960.00   |
| 112      | Fire Alarm Annunciation Panel Complete with wire and connections | Nos  | 1        | 6,000.00  | 6,000.00 |
|          | <b>Lighting</b>  |      |          |           |          |
| 113      | L 1  | Nos  | 10       | 245.00    | 2,450.00 |
| 114      | L 2  | Nos  | 1        | 235.00    | 235.00   |

## Full GC Estimate

| Item No. | Description                                      | Unit | Quantity | Unit Rate | Amount   |
|----------|--|------|----------|-----------|----------|
| 115      | W 2  | Nos  | 1        | 225.00    | 225.00   |
| 116      | W 3  | Nos  | 5        | 435.00    | 2,175.00 |
| 117      | W 1  | Nos  | 2        | 230.00    | 460.00   |
| 118      | L 4  | Nos  | 23       | 250.00    | 5,750.00 |
| 119      | Allow for Wiring and Conduit                     | Nos  | 42       | 110.00    | 4,620.00 |
|          | <b>Power</b>                                     |      |          |           |          |
| 120      | 120 VAC, Duplex Receptacle                       | Nos  | 15       | 160.00    | 2,400.00 |
| 121      | 120 VAC, GFCI Duplex Receptacle                  | Nos  | 1        | 165.00    | 165.00   |
| 122      | 120 VAC, Duplex T-Slot Receptacle                | Nos  | 4        | 165.00    | 660.00   |
| 123      | Fan or Motor. Wire as Required                   | Nos  | 3        | 470.00    | 1,410.00 |
| 124      | 1P or 2P Hard Wired Power Connection             | Nos  | 3        | 230.00    | 690.00   |
| 125      | Power Pack Mounted in Ceiling Space              | Nos  | 4        | 170.00    | 680.00   |
| 126      | Power Door Operator Push Button                  | Nos  | 4        | 135.00    | 540.00   |
| 127      | Voice/Data Outlet - Provide c/w 3/4" Conduit     | Nos  | 2        | 165.00    | 330.00   |
| 128      | 120 VAC, GFCI Duplex T-Slot Receptacle           | Nos  | 2        | 175.00    | 350.00   |
| 129      | 240 VAC, GFCI Duplex T-Slot Receptacle           | Nos  | 1        | 340.00    | 340.00   |
| 130      | Allow for Wiring and Conduit                     | Nos  | 39       | 110.00    | 4,290.00 |
|          | <b>Race Way System</b>                           |      |          |           |          |
| 131      | Junction Box                                     | Nos  | 4        | 125.00    | 500.00   |
|          | <b>Second Floor</b>                              |      |          |           |          |
|          | <b>Controllers</b>                               |      |          |           |          |
| 132      | Occupancy Sensor Switch                          | Nos  | 1        | 155.00    | 155.00   |
| 133      | Low Voltage On/Off Momentary Light Switch        | Nos  | 2        | 145.00    | 290.00   |
| 134      | Manual Non-Fused Disconnect Switch               | Nos  | 2        | 420.00    | 840.00   |
| 135      | Infrared Occupancy Sensor                        | Nos  | 5        | 230.00    | 1,150.00 |
| 136      | Thermostat                                       | Nos  | 1        | 250.00    | 250.00   |
| 137      | Infrared Occupancy Sensor Switch with Dual Relay | Nos  | 1        | 165.00    | 165.00   |
|          | <b>Emergency Lighting</b>                        |      |          |           |          |
| 138      | Emergency Battery Unit with Two 7W LED Heads     | Nos  | 3        | 255.00    | 765.00   |
| 139      | Emergency Light with Two 7W LED Heads            | Nos  | 6        | 270.00    | 1,620.00 |
| 140      | Allow for Wiring and Conduit                     | Nos  | 9        | 110.00    | 990.00   |
|          | <b>Fire Alarm</b>                                |      |          |           |          |
| 142      | Horn/Strobe Combo in Common Areas                | Nos  | 4        | 280.00    | 1,120.00 |
| 143      | Fire Manual Pull Station                         | Nos  | 2        | 240.00    | 480.00   |
|          | <b>Lighting</b>                                  |      |          |           |          |
| 144      | L 1  | Nos  | 21       | 245.00    | 5,145.00 |
| 145      | L 2  | Nos  | 2        | 235.00    | 470.00   |
| 146      | W 2  | Nos  | 2        | 225.00    | 450.00   |
| 147      | W 3  | Nos  | 1        | 435.00    | 435.00   |
|          | <b>Power</b>                                     |      |          |           |          |
| 148      | 120 VAC, Duplex Receptacle                       | Nos  | 20       | 160.00    | 3,200.00 |
| 149      | 120 VAC, GFCI Duplex Receptacle                  | Nos  | 1        | 165.00    | 165.00   |
| 150      | Fan or Motor. Wire as Required                   | Nos  | 2        | 470.00    | 940.00   |
| 151      | 1P or 2P Hard Wired Power Connection             | Nos  | 2        | 230.00    | 460.00   |
| 152      | Power Pack Mounted in Ceiling Space              | Nos  | 2        | 170.00    | 340.00   |
| 153      | Voice/Data Outlet - Provide c/w 3/4" Conduit     | Nos  | 9        | 165.00    | 1,485.00 |
| 154      | 120 VAC, GFCI Duplex T-Slot Receptacle           | Nos  | 2        | 175.00    | 350.00   |
| 155      | Allow for Wiring and Conduit                     | Nos  | 38       | 110.00    | 4,180.00 |
|          | <b>Third Floor</b>                               |      |          |           |          |
|          | <b>Controllers</b>                               |      |          |           |          |
| 156      | Manual Non-Fused Disconnect Switch               | Nos  | 8        | 420.00    | 3,360.00 |
| 157      | Smoke Detector                                   | Nos  | 4        | 210.00    | 840.00   |
| 158      | Single Toggle Light Switch                       | Nos  | 6        | 135.00    | 810.00   |
| 159      | 3 Way Switch                                     | Nos  | 2        | 150.00    | 300.00   |
| 160      | Double Toggle Light Switch                       | Nos  | 2        | 140.00    | 280.00   |

## Full GC Estimate

| Item No. | Description  | Unit | Quantity | Unit Rate | Amount    |
|----------|--|------|----------|-----------|-----------|
| 161      | Double Toggle 3 Way Switch   | Nos  | 2        | 145.00    | 290.00    |
|          | <b>Emergency Lighting</b>  |      |          |           |           |
| 162      | Emergency Battery Unit with Two 7W LED Heads                                   | Nos  | 2        | 255.00    | 510.00    |
| 163      | Emergency Light with Two 7W LED Heads  | Nos  | 3        | 270.00    | 810.00    |
| 164      | Allow for Wiring and Conduit   | Nos  | 5        | 110.00    | 550.00    |
|          | <b>Fire Alarm</b>  |      |          |           |           |
| 165      | Horn/Strobe Combo in Common Areas  | Nos  | 2        | 280.00    | 560.00    |
| 166      | Fire Manual Pull Station   | Nos  | 2        | 240.00    | 480.00    |
| 167      | Horn/Strobe Combo in Residential Units   | Nos  | 3        | 280.00    | 840.00    |
|          | <b>Lighting</b>  |      |          |           |           |
| 168      | W 2  | Nos  | 6        | 225.00    | 1,350.00  |
| 169      | W 3  | Nos  | 2        | 435.00    | 870.00    |
| 170      | W 1  | Nos  | 2        | 230.00    | 460.00    |
| 171      | L 5  | Nos  | 11       | 235.00    | 2,585.00  |
| 172      | L 3  | Nos  | 4        | 230.00    | 920.00    |
| 173      | Allow for Wiring and Conduit   | Nos  | 25       | 110.00    | 2,750.00  |
|          | <b>Power</b>   |      |          |           |           |
| 174      | 120 VAC, Duplex Receptacle   | Nos  | 31       | 160.00    | 4,960.00  |
| 175      | 120 VAC, GFCI Duplex Receptacle  | Nos  | 2        | 165.00    | 330.00    |
| 176      | 240 VAC, Single Receptacle   | Nos  | 7        | 310.00    | 2,170.00  |
| 177      | Fan or Motor. Wire as Required   | Nos  | 4        | 420.00    | 1,680.00  |
| 178      | 1P or 2P Hard Wired Power Connection   | Nos  | 6        | 230.00    | 1,380.00  |
| 179      | Voice/Data Outlet - Provide c/w 3/4" Conduit                                   | Nos  | 2        | 165.00    | 330.00    |
| 180      | 120 VAC, GFCI Duplex T-Slot Receptacle   | Nos  | 5        | 175.00    | 875.00    |
| 181      | 240 VAC, 50 AMP Receptacle for Electric Range                                  | Nos  | 2        | 340.00    | 680.00    |
| 182      | Allow for Wiring and Conduit   | Nos  | 59       | 110.00    | 6,490.00  |
|          | <b>Electrical Main Control</b>   |      |          |           |           |
| 183      | Splitter, 600A, 120/208V, 3 Phase 4 wire                                       | Nos  | 1        | 3,100.00  | 3,100.00  |
| 184      | Branch Circuit Panel K, 400A, 120/208V, 3 Phase 4 wire with 60 Slots           | Nos  | 1        | 5,834.00  | 5,834.00  |
| 185      | Branch Circuit Panel M, 100A, 120/208V, 3 Phase 4 wire with 42 Slots           | Nos  | 1        | 4,000.00  | 4,000.00  |
| 186      | Branch Circuit Panel O, 100A, 120/208V, 3 Phase 4 wire with 42 Slots           | Nos  | 1        | 4,000.00  | 4,000.00  |
| 187      | Branch Circuit Panel H, 100A, 120/208V, 3 Phase 4 wire with 42 Slots           | Nos  | 1        | 4,000.00  | 4,000.00  |
| 188      | Branch Circuit Residential Panel, 100A, 120/208V, 1 Phase 4 wire with 32 Slots | Nos  | 2        | 3,167.00  | 6,334.00  |
|          | <b>Fuses</b>   |      |          |           |           |
| 189      | 400A   | Nos  | 1        | 320.00    | 320.00    |
| 190      | 200A   | Nos  | 1        | 260.00    | 260.00    |
| 191      | 100A   | Nos  | 3        | 220.00    | 660.00    |
| 192      | 60A  | Nos  | 1        | 180.00    | 180.00    |
| 193      | Electrical Meter   | Nos  | 5        | 450.00    | 2,250.00  |
| 194      | Metering cabinet   | Nos  | 1        | 350.00    | 350.00    |
| 195      | Allow for main wiring  | Sum  | 1        | 9,500.00  | 9,500.00  |
| 196      | Allow for connect to main  | Sum  | 1        | 1,500.00  | 1,500.00  |
| 197      | Transformer 150kVA, 600V-120/208V, 3 Phase 4 wire                              | Nos  | 1        | 15,000.00 | 15,000.00 |
|          | <b>Mechanical</b>  |      |          |           |           |
|          | <b>Basement</b>  |      |          |           |           |
|          | <b>Exhaust Duct</b>  |      |          |           |           |
| 198      | Sheet metal Weight   | Lbs  | 247      | 9.75      | 2,408.25  |
|          | <b>Gas Pipe</b>  |      |          |           |           |
| 199      | 38mm Diameter Natural Gas Line   | L.ft | 11       | 19.80     | 217.80    |
|          | <b>Return Duct</b>   |      |          |           |           |
| 200      | Sheet metal Weight   | Lbs  | 50       | 9.75      | 487.50    |



## Full GC Estimate

| Item No.                   | Description                                  | Unit | Quantity | Unit Rate | Amount   |
|----------------------------|--|------|----------|-----------|----------|
| <b>Return Grille</b>       |  |      |          |           |          |
| 201                        | 200x200 RA1 - 100 CFM                        | Nos  | 3        | 220.00    | 660.00   |
| 202                        | 750x250 RA1 - 300 CFM                        | Nos  | 2        | 285.00    | 570.00   |
| 203                        | 150x150 RA1 - 100 CFM                        | Nos  | 1        | 185.00    | 185.00   |
| 204                        | 750x350 RA1 - 800 CFM                        | Nos  | 1        | 300.00    | 300.00   |
| <b>Supply Air Diffuser</b> |  |      |          |           |          |
| 205                        | 200x100 SA4 - 100 CFM                        | Nos  | 3        | 185.00    | 555.00   |
| 206                        | 300x400 Linear Diffuser - 100 CFM            | Nos  | 2        | 255.00    | 510.00   |
| 207                        | 300x400 Linear Diffuser - 200 CFM            | Nos  | 2        | 255.00    | 510.00   |
| 208                        | 250x100 SA4 - 125 CFM                        | Nos  | 4        | 220.00    | 880.00   |
| <b>Supply Duct</b>         |  |      |          |           |          |
| 209                        | Sheet metal Weight                           | Lbs  | 504      | 9.75      | 4,914.00 |
| 210                        | Fire Damper                                  | Nos  | 10       | 295.00    | 2,950.00 |
| <b>HVAC Equipments</b>     |  |      |          |           |          |
| 211                        | FC-1, Fan Coil Unit, Cooling Capacity 24 MBH | Nos  | 1        | 1,150.00  | 1,150.00 |
| 212                        | FC-2, Fan Coil Unit, Cooling Capacity 60 MBH | Nos  | 1        | 2,450.00  | 2,450.00 |
| 213                        | FC-3, Fan Coil Unit, Cooling Capacity 60 MBH | Nos  | 1        | 2,450.00  | 2,450.00 |
| 214                        | FC-4, Fan Coil Unit, Cooling Capacity 18 MBH | Nos  | 1        | 1,000.00  | 1,000.00 |
| 215                        | FC-5, Fan Coil Unit, Cooling Capacity 24 MBH | Nos  | 1        | 1,150.00  | 1,150.00 |
| 216                        | HRV-1, CFM 100                               | Nos  | 1        | 2,450.00  | 2,450.00 |
| 217                        | HRV-2 CFM 200                                | Nos  | 1        | 3,900.00  | 3,900.00 |
| 218                        | HRV-3 CFM 300                                | Nos  | 1        | 6,000.00  | 6,000.00 |
| 219                        | HRV-4 CFM 55                                 | Nos  | 1        | 1,750.00  | 1,750.00 |
| 220                        | HRV-5 CFM 55                                 | Nos  | 1        | 1,750.00  | 1,750.00 |
| <b>First Floor</b>         |  |      |          |           |          |
| <b>Exhaust Duct</b>        |  |      |          |           |          |
| 221                        | Sheet metal Weight                           | Lbs  | 26       | 9.75      | 253.50   |
| <b>Return Duct</b>         |  |      |          |           |          |
| 222                        | Sheet metal Weight                           | Lbs  | 30       | 9.75      | 292.50   |
| <b>Return Grille</b>       |  |      |          |           |          |
| 223                        | 650x450 RA1 - 2000 CFM                       | Nos  | 1        | 285.00    | 285.00   |
| <b>Supply Air Diffuser</b> |  |      |          |           |          |
| 224                        | 500x100 SA1 - 275 CFM                        | Nos  | 2        | 245.00    | 490.00   |
| 225                        | 350x150 SA1 - 250 CFM                        | Nos  | 3        | 230.00    | 690.00   |
| 226                        | 300x150 SA1 - 225 CFM                        | Nos  | 2        | 230.00    | 460.00   |
| 227                        | 350x150 SA1 - 250 CFM                        | Nos  | 1        | 230.00    | 230.00   |
| <b>Supply Duct</b>         |  |      |          |           |          |
| 228                        | Sheet metal Weight                           | Lbs  | 504      | 9.75      | 4,914.00 |
| <b>Second Floor</b>        |  |      |          |           |          |
| <b>Return Duct</b>         |  |      |          |           |          |
| 229                        | Sheet metal Weight                           | Lbs  | 143      | 9.75      | 1,394.25 |
| <b>Return Grille</b>       |  |      |          |           |          |
| 230                        | 200x200 RA1 - 100 CFM                        | Nos  | 2        | 220.00    | 440.00   |
| 231                        | 300x300 RA1 - 300 CFM                        | Nos  | 1        | 240.00    | 240.00   |
| 232                        | 900x300 RA2 - 1550 CFM                       | Nos  | 1        | 320.00    | 320.00   |
| <b>Supply Air Diffuser</b> |  |      |          |           |          |
| 233                        | 300x400 Linear Diffuser - 300 CFM            | Nos  | 2        | 265.00    | 530.00   |
| <b>Third Floor</b>         |  |      |          |           |          |

## Full GC Estimate

| Item No. | Description   | Unit | Quantity | Unit Rate | Amount   |
|----------|---|------|----------|-----------|----------|
|          | <b>Return Duct</b>                                  |      |          |           |          |
| 234      | Sheet metal Weight                                  | Lbs  | 319      | 9.75      | 3,110.25 |
|          | <b>Return Grille</b>                                |      |          |           |          |
| 235      | 500x400 RA1 - 500 CFM                               | Nos  | 1        | 295.00    | 295.00   |
| 236      | 250x250 RA1 - 55 CFM                                | Nos  | 1        | 235.00    | 235.00   |
| 237      | 200x200 RA1 - 100 CFM                               | Nos  | 1        | 220.00    | 220.00   |
| 238      | 500x400 RA1 - 650 CFM                               | Nos  | 1        | 295.00    | 295.00   |
|          | <b>Supply Air Diffuser</b>                          |      |          |           |          |
| 239      | 200x100 SA2 - 60 CFM                                | Nos  | 1        | 185.00    | 185.00   |
| 240      | 250x200 SA2 - 125 CFM                               | Nos  | 2        | 235.00    | 470.00   |
| 241      | 300x200 SA2 - 140 CFM                               | Nos  | 3        | 235.00    | 705.00   |
|          | <b>Supply Duct</b>                                  |      |          |           |          |
| 242      | Sheet metal Weight                                  | Lbs  | 368      | 9.75      | 3,588.00 |
|          | <b>HVAC Miscellaneous</b>                           |      |          |           |          |
| 243      | Remove or Modify Existing Duct                      | Sum  | 1        | 5,000.00  | 5,000.00 |
| 244      | HVAC Louvre   | Nos  | 5        | 220.00    | 1,100.00 |
| 245      | KH-1 Kitchen Microwave Hood Combination             | Nos  | 1        | 1,900.00  | 1,900.00 |
| 246      | Exhaust Fan EX-1 100 CFM                            | Nos  | 4        | 350.00    | 1,400.00 |
| 247      | Exhaust Fan EX-2 300 CFM                            | Nos  | 1        | 470.00    | 470.00   |
| 248      | Exhaust Fan EX-3 250 CFM                            | Nos  | 1        | 400.00    | 400.00   |
|          | <b>Pumps</b>  |      |          |           |          |
| 249      | P-1, MFR: Armstrong 75 Watt                         | Nos  | 1        | 450.00    | 450.00   |
| 250      | P-2 MFR: TACO 1/4 HP                                | Nos  | 1        | 750.00    | 750.00   |
| 251      | P-3 MFR: TACO 1/8 HP                                | Nos  | 1        | 620.00    | 620.00   |
| 252      | P-4 MFR: TACO 1/8 HP                                | Nos  | 1        | 620.00    | 620.00   |
|          | <b>Plumbing</b>                                     |      |          |           |          |
|          | <b>Basement</b>                                     |      |          |           |          |
|          | <b>Cold Water Pipe</b>                              |      |          |           |          |
| 253      | 38mm Diameter Domestic Cold Water Pipe              | L.ft | 63       | 18.00     | 1,134.00 |
| 254      | 25mm Diameter Domestic Cold Water Pipe              | L.ft | 32       | 14.60     | 467.20   |
|          | <b>Hot Water Pipe</b>                               |      |          |           |          |
| 255      | 38mm Diameter Domestic Hot Water Pipe               | L.ft | 44       | 18.00     | 792.00   |
| 256      | 13mm Diameter Domestic Hot Water Recirculation Pipe | L.ft | 29       | 14.60     | 423.40   |
| 257      | 25mm Diameter Domestic Hot Water Pipe               | L.ft | 14       | 14.60     | 204.40   |
|          | <b>Plumbing fixture</b>                             |      |          |           |          |
| 258      | WC-1  | Nos  | 4        | 900.00    | 3,600.00 |
| 259      | CO-1  | Nos  | 2        | 225.00    | 450.00   |
| 260      | CO  | Nos  | 5        | 225.00    | 1,125.00 |
| 261      | FD  | Nos  | 2        | 185.00    | 370.00   |
| 262      | LAV-3   | Nos  | 1        | 620.00    | 620.00   |
| 263      | LAV-4   | Nos  | 3        | 580.00    | 1,740.00 |
| 264      | WMV   | Nos  | 1        | 175.00    | 175.00   |
|          | <b>Sanitary Pipe</b>                                |      |          |           |          |
| 265      | 38mm Diameter Sanitary Pipe                         | L.ft | 11       | 22.20     | 244.20   |
| 266      | 100mm Diameter Buried Sanitary Line                 | L.ft | 12       | 122.20    | 1,466.40 |
| 267      | 75mm Diameter Sanitary Pipe                         | L.ft | 59       | 22.20     | 1,309.80 |
| 268      | 75mm Diameter Buried Sanitary Line                  | L.ft | 65       | 122.20    | 7,943.00 |
| 269      | 50mm Diameter Sanitary Pipe                         | L.ft | 12       | 22.20     | 266.40   |
| 270      | 100mm Diameter Sanitary Line                        | L.ft | 10       | 22.20     | 222.00   |
|          | <b>Sprinkler Head</b>                               |      |          |           |          |

## Full GC Estimate

| Item No.                       | Description   | Unit | Quantity | Unit Rate | Amount   |
|--------------------------------|---|------|----------|-----------|----------|
| 271                            | Upright Sprinkler Head                              | Nos  | 18       | 170.00    | 3,060.00 |
| 272                            | Double Check Valve                                  | Nos  | 1        | 750.00    | 750.00   |
| 273                            | Resilient Seated Check Valve                        | Nos  | 1        | 680.00    | 680.00   |
| <b><i>First Floor</i></b>      |   |      |          |           |          |
| <b><i>Cold Water Pipe</i></b>  |   |      |          |           |          |
| 274                            | 25mm Diameter Domestic Cold Water Pipe              | L.ft | 25       | 14.60     | 365.00   |
| 275                            | 13mm Diameter Domestic Cold Water Pipe              | L.ft | 47       | 14.60     | 686.20   |
| 276                            | 19mm Diameter Domestic Cold Water Pipe              | L.ft | 9        | 14.60     | 131.40   |
| <b><i>Hot Water Pipe</i></b>   |   |      |          |           |          |
| 277                            | 13mm Diameter Domestic Hot Water Recirculation Pipe | L.ft | 24       | 14.60     | 350.40   |
| 278                            | 25mm Diameter Domestic Hot Water Pipe               | L.ft | 18       | 14.60     | 262.80   |
| 279                            | 13mm Diameter Domestic Hot Water Pipe               | L.ft | 54       | 14.60     | 788.40   |
| 280                            | 25mm Diameter Domestic Hot Water Recirculation Pipe | L.ft | 11       | 14.60     | 160.60   |
| <b><i>Plumbing fixture</i></b> |   |      |          |           |          |
| 281                            | CO  | Nos  | 1        | 225.00    | 225.00   |
| 282                            | FD  | Nos  | 2        | 185.00    | 370.00   |
| 283                            | HWS-1 -(Installation Only)                          | Nos  | 2        | 175.00    | 350.00   |
| 284                            | KS-3 (Installation Only)                            | Nos  | 1        | 175.00    | 175.00   |
| 285                            | WC-2  | Nos  | 1        | 880.00    | 880.00   |
| 286                            | LAV-2   | Nos  | 1        | 550.00    | 550.00   |
| 287                            | MS-1  | Nos  | 1        | 520.00    | 520.00   |
| <b><i>Sprinkler Head</i></b>   |   |      |          |           |          |
| 288                            | Concealed Sprinkler Head                            | Nos  | 1        | 170.00    | 170.00   |
| 289                            | Upright Sprinkler Head                              | Nos  | 12       | 145.00    | 1,740.00 |
| <b><i>Second Floor</i></b>     |   |      |          |           |          |
| <b><i>Cold Water Pipe</i></b>  |   |      |          |           |          |
| 290                            | 13mm Diameter Domestic Cold Water Pipe              | L.ft | 18       | 14.60     | 262.80   |
| 291                            | 19mm Diameter Domestic Cold Water Pipe              | L.ft | 16       | 14.60     | 233.60   |
| <b><i>Hot Water Pipe</i></b>   |   |      |          |           |          |
| 292                            | 13mm Diameter Domestic Hot Water Recirculation Pipe | L.ft | 14       | 14.60     | 204.40   |
| 293                            | 13mm Diameter Domestic Hot Water Pipe               | L.ft | 23       | 14.60     | 335.80   |
| 294                            | 19mm Diameter Domestic Hot Water Pipe               | L.ft | 10       | 14.60     | 146.00   |
| <b><i>Plumbing fixture</i></b> |   |      |          |           |          |
| 295                            | WC-1  | Nos  | 1        | 900.00    | 900.00   |
| 296                            | CO  | Nos  | 2        | 225.00    | 450.00   |
| 297                            | KS-1  | Nos  | 1        | 720.00    | 720.00   |
| 298                            | LAV-5   | Nos  | 1        | 560.00    | 560.00   |
| 299                            | HD  | Nos  | 3        | 130.00    | 390.00   |
| <b><i>Sanitary Pipe</i></b>    |   |      |          |           |          |
| 300                            | 75mm Diameter Sanitary Pipe                         | L.ft | 43       | 22.20     | 954.60   |
| 301                            | 50mm Diameter Sanitary Pipe                         | L.ft | 37       | 22.20     | 821.40   |
| <b><i>Sprinkler Head</i></b>   |   |      |          |           |          |
| 302                            | Upright Sprinkler Head                              | Nos  | 15       | 145.00    | 2,175.00 |
| <b><i>Third Floor</i></b>      |   |      |          |           |          |
| <b><i>Cold Water Pipe</i></b>  |   |      |          |           |          |
| 303                            | 13mm Diameter Domestic Cold Water Pipe              | L.ft | 45       | 14.60     | 657.00   |
| 304                            | 19mm Diameter Domestic Cold Water Pipe              | L.ft | 49       | 14.60     | 715.40   |
| <b><i>Hot Water Pipe</i></b>   |   |      |          |           |          |
| 305                            | 13mm Diameter Domestic Hot Water Recirculation Pipe | L.ft | 53       | 14.60     | 773.80   |
| 306                            | 13mm Diameter Domestic Hot Water Pipe               | L.ft | 55       | 14.60     | 803.00   |
| 307                            | 19mm Diameter Domestic Hot Water Pipe               | L.ft | 38       | 14.60     | 554.80   |
| <b><i>Plumbing fixture</i></b> |   |      |          |           |          |

## Full GC Estimate

| Item No. | Description  | Unit  | Quantity | Unit Rate | Amount   |
|----------|--|-------|----------|-----------|----------|
| 308      | WC-1   | Nos   | 2        | 900.00    | 1,800.00 |
| 309      | KS-1   | Nos   | 1        | 750.00    | 750.00   |
| 310      | WMV  | Nos   | 2        | 195.00    | 390.00   |
| 311      | HD   | Nos   | 2        | 130.00    | 260.00   |
| 312      | KS-2   | Nos   | 1        | 750.00    | 750.00   |
| 313      | LAV-1  | Nos   | 3        | 610.00    | 1,830.00 |
| 314      | BT-1   | Nos   | 2        | 1,650.00  | 3,300.00 |
|          | <b><i>Sprinkler Head</i></b>   |       |          |           |          |
| 315      | Concealed Sprinkler Head   | Nos   | 21       | 170.00    | 3,570.00 |
| 316      | Upright Sprinkler Head   | Nos   | 1        | 145.00    | 145.00   |
| 317      | IHT-1, Indirect Hot water Tank   | Nos   | 1        | 3,500.00  | 3,500.00 |
| 318      | B-1, Hotwater hydronic Heating (Input: 300 MBH, Output: 282 MBH)                           | Nos   | 1        | 1,900.00  | 1,900.00 |
| 319      | Grease Interceptor   | Nos   | 1        | 625.00    | 625.00   |
| 320      | Connect to Existing Pipe   | Nos   | 8        | 410.00    | 3,280.00 |
|          | <b>Structure</b>   |       |          |           |          |
|          | <b><i>First Floor</i></b>  |       |          |           |          |
| 321      | <b><i>Ceiling Framing</i></b>  |       |          |           |          |
|          | ExFL1  | Sq.ft | 1,097    |           |          |
|          | 2 Layers Roxul Safe and Sound Batt Insulation  | Sq.ft | 1,097    | 2.90      | 3,181.30 |
|          | 1 Hour Fire Rated 15.9mm Thick Type-X Gypsum Board   | Sq.ft | 1,097    | 2.30      | 2,523.10 |
|          | Mudding & Tapping  | Sq.ft | 1,097    | 0.90      | 987.30   |
|          | <b><i>Second Floor</i></b>   |       |          |           |          |
| 322      | <b><i>Ceiling Framing</i></b>  |       |          |           |          |
|          | ExFL2  | Sq.ft | 1,484    |           |          |
|          | 0.25mm Vapour Barrier, Construction Sheating   | Sq.ft | 1,484    | 0.90      | 1,335.60 |
|          | Bridging 19mm X 64mm   | L.ft  | 891      | 1.50      | 1,336.50 |
|          | 2 Layers Roxul Safe and Sound Batt Insulation  | Sq.ft | 1,484    | 2.90      | 4,303.60 |
|          | 2 Hour Fire Rated 15.9mm Type X Gypsum Board, Long Dimension Perpendicular To Floor Joists | Sq.ft | 1,484    | 2.50      | 3,710.00 |
|          | 12.7mm Furring Channel @ 600mm O.C., Perpendicular To Floor Joists                         | L.ft  | 891      | 1.70      | 1,514.70 |
|          | 2 Hour Fire Rated 15.9mm Type X Gypsum Board   | Sq.ft | 1,484    | 2.50      | 3,710.00 |
|          | Mudding & Tapping  | Sq.ft | 2,968    | 0.90      | 2,671.20 |
|          | <b><i>Third Floor</i></b>  |       |          |           |          |
| 323      | <b><i>Ceiling Framing</i></b>  |       |          |           |          |
|          | ExFL2  | Sq.ft | 1,491    |           |          |
|          | 0.25mm Vapour Barrier, Construction Sheating   | Sq.ft | 1,491    | 0.90      | 1,341.90 |
|          | Bridging 19mm X 64mm   | L.ft  | 895      | 1.50      | 1,342.50 |
|          | 2 Layers Roxul Safe and Sound Batt Insulation  | Sq.ft | 1,491    | 2.90      | 4,323.90 |
|          | 2 Hour Fire Rated 15.9mm Type X Gypsum Board, Long Dimension Perpendicular To Floor Joists | Sq.ft | 1,491    | 2.50      | 3,727.50 |
|          | 12.7mm Furring Channel @ 600mm O.C., Perpendicular To Floor Joists                         | L.ft  | 895      | 1.70      | 1,521.50 |
|          | 2 Hour Fire Rated 15.9mm Type X Gypsum Board   | Sq.ft | 1,491    | 2.50      | 3,727.50 |
|          | Mudding & Tapping  | Sq.ft | 2,981    | 0.90      | 2,682.90 |
| 324      | ExFL3  | Sq.ft | 52       |           |          |
|          | 11mm Plywood   | Sq.ft | 52       | 3.80      | 197.60   |
|          | 15.5mm Plywood   | Sq.ft | 52       | 4.20      | 218.40   |
|          | 90mm Thick Roxul Safe and Sound Insulation   | Sq.ft | 52       | 2.25      | 117.00   |
|          | Resilient Channels @ 610mm O.C.  | L.ft  | 31       | 1.70      | 52.70    |
|          | 1.5 Hour Fire Rated 2 Layers 12.7mm Type-X Gypsum Board                                    | Sq.ft | 52       | 3.40      | 176.80   |
|          | Mudding & Tapping  | Sq.ft | 52       | 0.90      | 46.80    |
|          | <b><i>Doors</i></b>  |       |          |           |          |
| 325      | 1035mm x 2165mm Sized - Glass Door with Pre-finished Aluminium Frame - 0 min Fire Rated    | Nos   | 1        | 2,125.00  | 2,125.00 |

## Full GC Estimate

| Item No. | Description  | Unit       | Quantity | Unit Rate | Amount            |
|----------|--|------------|----------|-----------|-------------------|
| 326      | 1120mm x 2135mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 45min Fire Rated                     | Nos        | 1        | 1,420.00  | 1,420.00          |
| 327      | 1120mm x 2135mm Sized Painted Insulated Hollow Metal Door with Painted Insulated Hollow Metal Frame - 0 min Fire Rated | Nos        | 1        | 1,300.00  | 1,300.00          |
| 328      | 1380mm x 2100mm Sized Painted Solidcore Wood Door with Painted Hollow Metal Frame - 0 min Fire Rated                   | Nos        | 1        | 900.00    | 900.00            |
| 329      | 1890mm x 2160mm Sized Pre-finished Aluminium Glazed Door with Pre-finished Aluminium Frame - 0 min Fire Rated          | Nos        | 1        | 3,900.00  | 3,900.00          |
| 330      | 760mm x 2135mm Sized Painted Solidcore Wood Door with Painted Hollow Metal Frame - 0 min Fire Rated                    | Nos        | 2        | 875.00    | 1,750.00          |
| 331      | 825mm x 2135mm Sized Painted Insulated Hollow Metal Door with Painted Insulated Hollow Metal Frame - 0 min Fire Rated  | Nos        | 1        | 1,250.00  | 1,250.00          |
| 332      | 840mm x 2135mm Sized Pre-finished Aluminium Glazed Door with Pre-finished Aluminium Frame - 0 min Fire Rated           | Nos        | 1        | 1,900.00  | 1,900.00          |
| 333      | 865mm x 2030mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 0 min Fire Rated                      | Nos        | 1        | 1,100.00  | 1,100.00          |
| 334      | 865mm x 2030mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 45min Fire Rated                      | Nos        | 1        | 1,320.00  | 1,320.00          |
| 335      | 915mm x 2030mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 45min Fire Rated                      | Nos        | 2        | 1,370.00  | 2,740.00          |
| 336      | 915mm x 2135mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 45min Fire Rated                      | Nos        | 2        | 1,420.00  | 2,840.00          |
| 337      | 915mm x 2135mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 75 min Fire Rated                     | Nos        | 1        | 1,475.00  | 1,475.00          |
| 338      | 915mm x 2135mm Sized Painted Insulated Hollow Metal Door with Painted Hollow Metal Frame - 0 min Fire Rated            | Nos        | 1        | 1,200.00  | 1,200.00          |
| 339      | 915mm x 2135mm Sized Painted Insulated Hollow Metal Door with Painted Insulated Hollow Metal Frame - 75 min Fire Rated | Nos        | 1        | 1,500.00  | 1,500.00          |
| 340      | 965mm x 2135mm Sized Painted Hollow Metal Door with Painted Hollow Metal Frame - 0 min Fire Rated                      | Nos        | 1        | 1,200.00  | 1,200.00          |
|          | <b>Sub Total</b>   |            |          |           | <b>606,700.50</b> |
|          | <b>Insurance</b>   | <b>3%</b>  |          |           | <b>18,201.02</b>  |
|          | <b>Over Head &amp; Profit</b>  | <b>22%</b> |          |           | <b>133,474.11</b> |
|          | <b>Total</b>   |            |          |           | <b>758,375.63</b> |

**Note:**

Please refer attached Schedules for Plumbing fixtures and Luminaries