

$$\begin{aligned}
TotalValue = & \left( \sum_1^{LandLines} \left( \sum_1^3 \left( \left( \frac{StandardSize}{ActualSize} \times \frac{CurvePercent}{100} + \left( 1 - \frac{CurvePercent}{100} \right) \right) \times PricePerUnit \times UnitsInInterval \right) \right. \right. \\
& + LandBaseValue) \times NeighborhoodFactor \times LandUseCodeFactor \times NeighborhoodModifier \times LandTypeFactor \\
& \times \left( \left( 1 + \frac{InfluenceCode1}{100} \right) \times \left( 1 + \frac{InfluenceCode2}{100} \right) \times \left( 1 + \frac{InfluenceCode3}{100} \right) \right) + LandLumpSum) \\
& + \left( \sum_1^{TotalNumberOfSubAreas} \left( (BuildingRate \times (StoryHeightFactor \times FoundationTypeFactor \times FrameTypeFactor \right. \right. \right. \\
& \times (PrimeExteriorWallTypeFactor \times (1 - SecondaryExteriorWallTypePercent) + SecondaryWallTypeFactor \\
& \times SecondaryWallTypePercent) \times RoofStructureFactor \times RoofMaterialFactor \times ViewCodeFactor \\
& \times (PrimeInteriorWallTypeFactor \times (1 - SecondaryInteriorWallTypePercent) + SecondaryInteriorWallTypeFactor \\
& \times SecondaryInteriorWallTypePercent) \times PartitionIndexFactor \times (PrimeFloorTypeFactor \times (1 \\
& - SecondaryFloorTypePercent) + SecondaryFloorTypeFactor \times SecondaryFloorTypePercent) \times BasementFloorTypeFactor \\
& \times ElectricTypeFactor \times InsulationTypeFactor \times PlumbingTypeFactor \times HeatingFuelTypeFactor \\
& \times (PrimeHeatingSystemTypeFactor \times (1 - SecondaryHeatingSystemTypePercent) + SecondaryHeatingSystemTypeFactor \\
& \times SecondaryHeatingSystemTypePercent) \times \left( 1 - \left( \frac{PercentCommonWall}{100} \times \frac{PercentOff}{100} \right) \right) \times \left( 1 + (AverageHeightPerFloor \right. \\
& - HeightPerFloor) \times PercentUnit) \right) \times \left( \frac{StandardSize}{ActualSize} \times \frac{CurvePercent}{100} + \left( 1 - \frac{CurvePercent}{100} \right) \right) \times SubAreaPriceFactor \\
& \times AlternateTypeFactor) \times (SubAreaSquareFootage \times AdjustedSketchedAreaFactor \times PercentAlternateType) \\
& + ((FirstFullBathValue + ((MainFullBathUnits - 1) \times FullBathValue)) \times FullBathRating + (AdditionalFullBathUnits \\
& \times AdditionalFullBathValue) \times AdditionalFullBathRating + (FullBathLumpSum \times TotalFullBathUnits)) \\
& + ((FirstThreeQuarterBathValue + ((MainThreeQuarterBathUnits - 1) \times ThreeQuarterBathValue)) \\
& \times ThreeQuarterBathRating + (AdditionalThreeQuarterBathUnits \times AdditionalThreeQuarterBathValue) \\
& \times AdditionalThreeQuarterBathRating + (ThreeQuarterBathLumpSum * TotalThreeQuarterBathUnits)) \\
& + ((FirstHalfBathValue + ((MainHalfBathUnits - 1) \times HalfBathValue)) \times HalfBathRating \\
& + (AdditionalHalfBathUnits \times AdditionalHalfBathValue) \times AdditionalHalfBathRating + (HalfBathLumpSum \\
& \times TotalHalfBathUnits)) + ((FirstOtherFixtureValue + ((OtherFixtureUnits - 1) \times OtherFixtureValue)) \\
& \times OtherFixtureRating + (OtherFixtureLumpSum \times OtherFixtureUnits)) + ((FirstKitchenValue + ((MainKitchenUnits \\
& - 1) \times KitchenValue)) \times KitchenRating + (AdditionalKitchenUnits \times AdditionalKitchenValue) \times AdditionalKitchenRating \\
& + (KitchenLumpSum * TotalKitchenUnits)) + ((FirstFireplaceValue + ((FireplaceUnits - 1) \times FireplaceValue)) \\
& \times FireplaceRating + (FireplaceLumpSum \times TotalFireplaceUnits)) + ((FirstWoodStoveFluesValue \\
& + ((WoodStoveFluesUnits - 1) \times WoodStoveFluesValue)) \times WoodStoveFluesRating + (WoodStoveFluesLumpSum \\
& \times TotalWoodStoveFluesUnits)) + (FirstBasementGarageValue + ((BasementGarageUnits - 1) \times BasementGarageValue)) \\
& + (FirstHeatSystemValue + ((HeatSystemUnits - 1) \times HeatSystemValue)) - ((100 - HeatPercent) \times BaseHeatedValue \\
& + (HeatedUnitPrice \times FinishedArea \times (100 - HeatPercent))) + (ACPercent \times BaseACValue + (ACUnitPrice \\
& \times FinishedArea \times ACPercent)) + (SolarHotWaterFlag \times BaseSolarHotWaterValue + (SolarHotWaterUnitPrice \\
& \times FinishedArea \times SolarHotWaterFlag)) + (SprinklerPercent \times BaseSprinklerValue + (SprinklerUnitPrice \times FinishedArea \\
& \times SprinklerPercent)) + (CentralVacumFlag \times BaseCentralVacumValue + (CentralVacumUnitPrice \times FinishedArea \\
& \times CentralVacumFlag))) \times GradeFactor \times NeighborhoodInfluence) \times \left( 1 - \frac{Condition \times Functional \times Economic \times Special}{100} \right) \\
& + \sum_1^{NumberOfSpecialFeatures} \left( (Quantity \times Units) \times (UnitPrice \times \left( \frac{StandardSize}{ActualSize} \times \frac{CurvePercent}{100} + \left( 1 - \frac{CurvePercent}{100} \right) \right) \right) \\
& \times Quality \times LandUseCodeFactor \times NeighborhoodFactor \times NeighborhoodModifier) \times ((1 - Depreciation) \times PercentComplete) \\
& + \sum_1^{NumberOfOutbuildings} \left( (Quantity \times Units) \times (UnitPrice \times \left( \frac{StandardSize}{ActualSize} \times \frac{CurvePercent}{100} + \left( 1 - \frac{CurvePercent}{100} \right) \right) \right) \times Quality \\
& \times LandUseCodeFactor \times NeighborhoodFactor \times NeighborhoodModifier) \times ((1 - Depreciation) \times PercentComplete))) \\
& \times JurisdictionalFactor
\end{aligned}$$