

REPLACEMENT COST METHOD WORKSHEET

Case# 229 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species PHOENIX CANARIENSIS
2. Condition 65 %
3. Clear Trunk Height 15 ft.
4. Location % = [Site 70 % + Contribution 70 % + Placement 70 %]
 $\div 3 = \underline{70}$ %
5. Removal and Cleanup Costs \$ 800

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

6. Species rating 90 %
7. Replacement Tree Size (Clear trunk) 15 ft.
8. Replacement Tree Cost \$ 15,000
(see Regional Information to use Cost selected)
9. Installation Cost \$ 22,000

Calculations by Appraiser using Field and Regional Information

10. Installed Tree Cost = Tree Cost (#8) \$ 15,000 + Installation Cost (#9) \$ 22,000
= \$ 37,000
11. Adjusted Installed Tree Cost = Installed Tree Cost (#10) \$ 37,000 x Species Rating (#6) 90 % x Condition (#2) 65 % x Location Rating 70 %
= \$ 15,157
12. Add Removal & Cleanup costs (#5) (If appraised tree is replaced) \$ _____
13. Appraised Value is either (#11) or (#12) \$ 15,157
14. If the Appraised Value is \$5,000 or more, round to the nearest \$100, if it is less, then round to the nearest \$10
15. Appraised Value = (#13) \$ 15,200

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TRUNK FORMULA METHOD WORKSHEET

Case# 230 Property HIDDEN HARBOR Date 12-01-21
Appraiser B KITCHENS

Field Observations

1. Species PERSEA AMERICANA
2. Condition 50 %
3. Trunk Circumference _____ in. Diameter 44 in
4. Location % = [Site 70 % + Contribution 70 % + Placement 70 %]
 $\div 3 = \underline{70}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 6 in
(Trunk Area) 28 in² / TA_r
7. Replacement Tree Cost \$ 1000
(see Regional Information to use Cost selected)
8. Installation Cost \$ 1500
9. Installed Tree Cost (#7+#8) \$ 2500
10. Unit Tree Cost \$ 36 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 1520 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 38 in.
ATA 1520 in² (#11) - TA_r 28 in² (#6) = 1492 in²
13. Basic Tree Cost = TA_{INCR} (#12) 1492 in² x Unit Tree Cost (#10)
\$ 36 per in² + Installed Tree Cost (#9) \$ 2500 = \$ 56,212
14. Appraised Value = Basic Tree Cost (#13) \$ 56,212 x Species rating (#5)
60 % x Condition (#2) 50 % x Location (#4) 70 % =
\$ 11,804
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 11,800

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TRUNK FORMULA METHOD WORKSHEET

Case# 23 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species MAGNOLIA GRANDIFLORA
2. Condition 30 %
3. Trunk Circumference _____ in. Diameter 20 in
4. Location % = [Site 80 % + Contribution 80 % + Placement 80 %]
÷ 3 = 80 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 5 in
(Trunk Area) 20 in² / TA_r
7. Replacement Tree Cost \$ 475
(see Regional Information to use Cost selected)
8. Installation Cost \$ 712
9. Installed Tree Cost (#7+#8) \$ 1187
10. Unit Tree Cost \$ 23.75 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 314 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 15 in.
ATA 314 in² (#11) - TA_r 20 in² (#6) = 294 in²
13. Basic Tree Cost = TA_{INCR} (#12) 294 in² x Unit Tree Cost (#10)
\$ 23.75 per in² + Installed Tree Cost (#9) \$ 1187 = \$ 8170
14. Appraised Value = Basic Tree Cost (#13) \$ 8170 x Species rating (#5)
80 % x Condition (#2) 30 % x Location (#4) 80 % =
\$ 1569
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 1570

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TRUNK FORMULA METHOD WORKSHEET

Case# 232 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species DELONIX REGIA
2. Condition 80 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 65 % + Contribution 65 % + Placement 65 %]
 $\div 3 = \underline{65}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 400
(see Regional Information to use Cost selected)
8. Installation Cost \$ 600
9. Installed Tree Cost (#7+#8) \$ 1000
10. Unit Tree Cost \$ 31 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 75 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 31 per in² + Installed Tree Cost (#9) \$ 1000 = \$ 3046
14. Appraised Value = Basic Tree Cost (#13) \$ 3046 x Species rating (#5)
80 % x Condition (#2) 80 % x Location (#4) 65 % =
\$ 1267
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 1270

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TRUNK FORMULA METHOD WORKSHEET

Case# 233 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species PERSEA AMERICANA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 4 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 400
(see Regional Information to use Cost selected)
8. Installation Cost \$ 600
9. Installed Tree Cost (#7+#8) \$ 1000
10. Unit Tree Cost \$ 31 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 13 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 0 in.
ATA 13 in² (#11) - TA_r 13 in² (#6) = 0 in²
13. Basic Tree Cost = TA_{INCR} (#12) 0 in² x Unit Tree Cost (#10)
\$ 31 per in² + Installed Tree Cost (#9) \$ 1000 = \$ 1000
14. Appraised Value = Basic Tree Cost (#13) \$ 1000 x Species rating (#5)
60 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 210
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 210

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TRUNK FORMULA METHOD WORKSHEET

Case# 221 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
÷ 3 = 50 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7+#8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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TRUNK FORMULA METHOD WORKSHEET

Case# 235 Property HIDDEN HARBOR Date 12-21
Appraiser B. KITCHENS

Field Observations

1. Species ACALIA FARNESIANA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 4 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 2 in
(Trunk Area) 3 in² / TA_r
7. Replacement Tree Cost \$ 125
(see Regional Information to use Cost selected)
8. Installation Cost \$ 107
9. Installed Tree Cost (#7+#8) \$ 312
10. Unit Tree Cost \$ 42 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 13 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 2 in.
ATA 13 in² (#11) - TA_r 3 in² (#6) = 10 in²
13. Basic Tree Cost = TA_{INCR} (#12) 10 in² x Unit Tree Cost (#10)
\$ 42 per in² + Installed Tree Cost (#9) \$ 312 = \$ 732
14. Appraised Value = Basic Tree Cost (#13) \$ 732 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 205
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 200

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 236 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
÷ 3 = 50 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7+#8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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TRUNK FORMULA METHOD WORKSHEET

Case# 237 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species POULTERA SAPOTA
2. Condition 40 %
3. Trunk Circumference _____ in. Diameter 18 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 600
(see Regional Information to use Cost selected)
8. Installation Cost \$ 900
9. Installed Tree Cost (#7 + #8) \$ 1500
10. Unit Tree Cost \$ 46 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 254 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 14 in.
ATA 254 in² (#11) - TA_r 13 in² (#6) = 241 in²
13. Basic Tree Cost = TA_{INCR} (#12) 241 in² x Unit Tree Cost (#10)
\$ 46 per in² + Installed Tree Cost (#9) \$ 1500 = \$ 12,586
14. Appraised Value = Basic Tree Cost (#13) \$ 12,586 x Species rating (#5)
60 % x Condition (#2) 40 % x Location (#4) 50 % =
\$ 1570
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 1570

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TRUNK FORMULA METHOD WORKSHEET

Case# 238 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species POULTERIA SADOYA
2. Condition 40 %
3. Trunk Circumference _____ in. Diameter 22 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 600
(see Regional Information to use Cost selected)
8. Installation Cost \$ 900
9. Installed Tree Cost (#7+#8) \$ 1500
10. Unit Tree Cost \$ 46 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 380 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 18 in.
ATA 380 in² (#11) - TA_r 13 in² (#6) = 367 in²
13. Basic Tree Cost = TA_{INCR} (#12) 367 in² x Unit Tree Cost (#10)
\$ 46 per in² + Installed Tree Cost (#9) \$ 1500 = \$ 18,382
14. Appraised Value = Basic Tree Cost (#13) \$ 18,382 x Species rating (#5)
60 % x Condition (#2) 40 % x Location (#4) 50 % =
\$ 2206
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 2210

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TRUNK FORMULA METHOD WORKSHEET

Case# 239 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHEN

Field Observations

1. Species POULTERIA SADOYA
2. Condition 30 %
3. Trunk Circumference _____ in. Diameter 30 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
÷ 3 = 50 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 600
(see Regional Information to use Cost selected)
8. Installation Cost \$ 900
9. Installed Tree Cost (#7+#8) \$ 1500
10. Unit Tree Cost \$ 46 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 707 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 29 in.
ATA 707 in² (#11) - TA_r 13 in² (#6) = 694 in²
13. Basic Tree Cost = TA_{INCR} (#12) 694 in² x Unit Tree Cost (#10)
\$ 46 per in² + Installed Tree Cost (#9) \$ 1500 = \$ 33,424
14. Appraised Value = Basic Tree Cost (#13) \$ 33,424 x Species rating (#5)
60 % x Condition (#2) 30 % x Location (#4) 50 % =
\$ 3008
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 3010

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TRUNK FORMULA METHOD WORKSHEET

Case# 240 Property HIDDEN HARBOR Date 12-1-21
Appraiser R. KITCHENS

Field Observations

1. Species POULTEIA STROTA
2. Condition 40 %
3. Trunk Circumference _____ in. Diameter 16 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 600
(see Regional Information to use Cost selected)
8. Installation Cost \$ 900
9. Installed Tree Cost (#7+#8) \$ 1500
10. Unit Tree Cost \$ 46 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 201 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 12 in.
ATA 201 in² (#11) - TA_r 13 in² (#6) = 188 in²
13. Basic Tree Cost = TA_{INCR} (#12) 188 in² x Unit Tree Cost (#10)
\$ 46 per in² + Installed Tree Cost (#9) \$ 1500 = \$ 10,148
14. Appraised Value = Basic Tree Cost (#13) \$ 10,148 x Species rating (#5)
60 % x Condition (#2) 40 % x Location (#4) 50 % =
\$ 1218
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 1280

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TRUNK FORMULA METHOD WORKSHEET

Case# 241 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
÷ 3 = 50 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7 + #8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 242 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHEN

Field Observations

1. Species PERSEA AMERICANA
2. Condition 45 %
3. Trunk Circumference _____ in. Diameter 40 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
÷ 3 = 50 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 6 in
(Trunk Area) 28 in² / TA_r
7. Replacement Tree Cost \$ 1000
(see Regional Information to use Cost selected)
8. Installation Cost \$ 1500
9. Installed Tree Cost (#7+#8) \$ 2500
10. Unit Tree Cost \$ 36 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 1256 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 34 in.
ATA 1256 in² (#11) - TA_r 28 in² (#6) = 1228 in²
13. Basic Tree Cost = TA_{INCR} (#12) 1228 in² x Unit Tree Cost (#10)
\$ 36 per in² + Installed Tree Cost (#9) \$ 2500 = \$ 46,708
14. Appraised Value = Basic Tree Cost (#13) \$ 46,708 x Species rating (#5)
60 % x Condition (#2) 45 % x Location (#4) 50 % =
\$ 6,305
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 6,300

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 243 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7 + #8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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TRUNK FORMULA METHOD WORKSHEET

Case# 244 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7+#8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 245 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7 + #8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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PZ21-12000040
2/16/2022

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 246 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species KOELREUTERIA PANICULATA
2. Condition 70 %
3. Trunk Circumference _____ in. Diameter 10 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 80 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 450
(see Regional Information to use Cost selected)
8. Installation Cost \$ 675
9. Installed Tree Cost (#7 + #8) \$ 1125
10. Unit Tree Cost \$ 35 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 79 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 6 in.
ATA 79 in² (#11) - TA_r 13 in² (#6) = 66 in²
13. Basic Tree Cost = TA_{INCR} (#12) 66 in² x Unit Tree Cost (#10)
\$ 35 per in² + Installed Tree Cost (#9) \$ 1125 = \$ 3435
14. Appraised Value = Basic Tree Cost (#13) \$ 3435 x Species rating (#5)
80 % x Condition (#2) 70 % x Location (#4) 50 % =
\$ 962
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 960

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1/05/2022

TRUNK FORMULA METHOD WORKSHEET

Case# 247 Property HIDDEN HARBOR Date 12-1-21
Appraiser B. KITCHENS

Field Observations

1. Species POULTERIA SAPOTA
2. Condition 60 %
3. Trunk Circumference _____ in. Diameter 8 in
4. Location % = [Site 50 % + Contribution 50 % + Placement 50 %]
 $\div 3 = \underline{50}$ %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 60 %
6. Replacement Tree Size (diameter) 4 in
(Trunk Area) 13 in² / TA_r
7. Replacement Tree Cost \$ 600
(see Regional Information to use Cost selected)
8. Installation Cost \$ 900
9. Installed Tree Cost (#7+#8) \$ 1500
10. Unit Tree Cost \$ 46 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 50 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = 4 in.
ATA 50 in² (#11) - TA_r 13 in² (#6) = 37 in²
13. Basic Tree Cost = TA_{INCR} (#12) 37 in² x Unit Tree Cost (#10)
\$ 46 per in² + Installed Tree Cost (#9) \$ 1500 = \$ 3,202
14. Appraised Value = Basic Tree Cost (#13) \$ 3,202 x Species rating (#5)
60 % x Condition (#2) 60 % x Location (#4) 50 % =
\$ 576
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 580

DRC

PZ21-12000040
2/16/2022

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PZ21-12000040
1/05/2022