

Item #14B:

Village Trustee Marshall

Tree Replacement Fee In Lieu, 4322 Half Day Road - *Discussion*



Urban Forest Management, Inc.

December 2, 2015

Mr. David Lothspeich
Village Manager
Village of Long Grove
3110 Old McHenry Road
Long Grove, IL 60047

RE: 4332 Half Day Road
Reforestation Plan

Dear Dave,

I've reviewed the Reforestation Plan by Rocco Fiore & Sons, Inc., dated 11-25-15, for the property located at 4332 Half Day Road.

This plan shows the addition of 206" of bur oak, sugar maple and swamp white oak in the north half of the property. The proposed tree sizes are 1.5" and 2". From a good forestry standpoint, these species and sizes are acceptable. The smaller sizes will allow the trees to establish faster than a larger tree. I would recommend deer protection be provided.

The as-built landscape plan had shown 394" of new trees installed on the property. This included species, such as Norway maple and red maple, that are not considered protected trees by the Long Grove ordinance. Although they are not considered protected trees, they do add diversity to the species on this site and are commonly planted and accepted in the landscape of northern Illinois. Since some of the species and sizes listed on the Long Grove protected species list are very difficult to obtain in nurseries, expanding the list of acceptable species and sizes would allow for more diversity.

I would recommend accepting these 600" of new and proposed plantings towards the mitigation of the 1176" of trees removed/impacted for the construction of the new single family residence on this property. A written 2 year guarantee for all new plant material should be submitted to the Village.

Please call me if you have any questions.

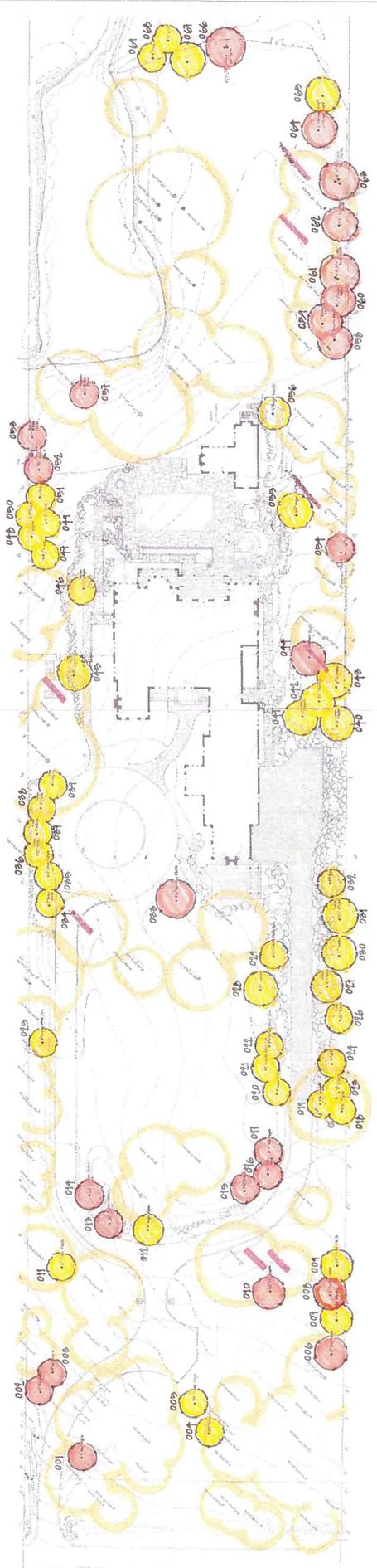
Sincerely,
URBAN FOREST MANAGEMENT, INC.

Todd R. Sinn
Senior Forester

TREE RESTORATION PLAN

MCDONOUGH RESIDENCE

4332 HALF DAY ROAD • LONG GROVE, ILLINOIS



Plant Number	Variety	Caliper Inches
001	Red Maple	4.0
002	Red Maple	4.0
003	Red Maple	4.0
004	Red Maple	4.0
005	Red Maple	4.0
006	Red Maple	4.0
007	Red Maple	4.0
008	Red Maple	4.0
009	Red Maple	4.0
010	Red Maple	4.0
011	Red Maple	4.0
012	Red Maple	4.0
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039	Red Maple	4.0
040	Red Maple	4.0
041	Red Maple	4.0
042	Red Maple	4.0
043	Red Maple	4.0
044	Red Maple	4.0
045	Red Maple	4.0
046	Red Maple	4.0
047	Red Maple	4.0
048	Red Maple	4.0
049	Red Maple	4.0
050	Red Maple	4.0
051	Red Maple	4.0
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062	Red Maple	4.0
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081	Red Maple	4.0
082	Red Maple	4.0
083	Red Maple	4.0
084	Red Maple	4.0
085	Red Maple	4.0
086	Red Maple	4.0
087	Red Maple	4.0
088	Red Maple	4.0
089	Red Maple	4.0
090	Red Maple	4.0

Planting Notes:
 - All trees to be planted in the same soil as the existing trees.
 - All trees to be planted in the same soil as the existing trees.
 - All trees to be planted in the same soil as the existing trees.
 - All trees to be planted in the same soil as the existing trees.

TOCO FLORE & SONS, INC.
 Landscape Architecture, Site Development, Management
 2827 N. Bradley Rd.
 Libertyville, IL 60048
 PH: 847.680.1207
 FX: 847.816.1137

THIS DRAWING AND ALL RIGHTS AND INTERESTS THEREIN ARE RESERVED BY THE ARCHITECT.
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DATE: 11/11/11
 DRAWN BY: J. FLORE
 CHECKED BY: J. FLORE
 PROJECT NO.: 11-001



Mc Donough Residence
4332 Half Day Rd.
Long Grove IL

November 8, 2012

Updated: Nov. 11, 2015

= Trees that Died due to construction as surveyed by Urban Forest Mgmt. 8-19-15

Key	
Preserved Protected Tree:	
Removed Protected Tree:	
Non Protected Tree:	
Dead, Dying or Weak Trees: (condition 4, 5 or 6)	

Tag #	Species	DBH	Condition	Protected	Planned removal	Tree Quantities													
						Preserved Trees		Protected Tree to be Removed		Non Protected Trees to be Removed		A	B	C	D	E	F		
						Protected To Remain	Non Protected To Remain	Protected Inches Removed	Protected Inches Removed Poor, Dead or Dying	Non Protected Inches Removed	Non Protected Inches Removed Poor, Dead or Dying	A	B	C	D	E	F		
T44	Cherry	10.5	3	Y	Y			10.5											
T45	Ash	10	4	N	Y														10
T46	Red Oak	30	5	Y	Y				30										
T47	Ash	10	4	N	Y														10
T48	Elm	18.5	3	N	N	18.5													
T49	Hickory	6	2	N	N	6													
T50	Elm	12.5	3	N	N	12.5													
T51	Elm	14	3	N	N	14													
T52	Red Oak	16.5	2	Y	N	16.5													
T53	Red Oak	15.5	3	Y	N	15.5													
T54	Ash	10	6	N	Y														10
T55	Red Oak	11	3	Y	N	11													
T56	Red Oak	13	3	Y	N	13													
T57	Elm	6	3	N	N		6												
T58	Hickory	10.5	2	Y	N	10.5													
T59	White Oak	35	2	Y	N	35													
T60	Hickory	15.5	5	Y	Y				15.5										
T61	Red Oak	12	2	Y	N	12													
T62	Red Oak	8	2	N	N	8													
T63	Red Oak	14.5	2	Y	N	14.5													
T64	Red Oak	13.5	2	Y	N	13.5													
T65	Red Oak	12	3	Y	N	12													
T66	Red Oak	10	3	Y	N	10													
T67	Hickory	17	2	Y	N	17													
T68	Red Oak	8	3	N	N	8													
T69	Ash	6	5	N	Y														6
T70	Red Oak	DL 2 X 16	3	Y	N	32													
T71	Red Oak	6	3	N	N	6													
T72	Hickory	14	2	Y	Y			14											
T73	Red Oak	19	2	Y	N	19													
T74	Ash	12.5	6	N	Y														12.5
T75	Hickory	6	2	N	Y			6											
T76	Hickory	13	2	Y	N	13													
T77	Hickory	11.5	2	Y	N	11.5													
T78	Hickory	13	2	Y	Y			13											
T79	Hickory	18.5	2	Y	N	18.5													
T80	Hickory	11	6	Y	Y				11										
T81	Hickory	13	2	Y	N	13													
T82	Hickory	12	2	Y	N	12													
T83	White Oak	6	2	N	Y														6
T84	Hickory	13	2	Y	Y			13											
T85	Red Oak	7	3	N	Y														7
T86	Hickory	23	1	Y	N	23													
T87	Hickory	17	2	Y	Y			17											
T88	Hickory	7	6	N	Y														7
T89	Red Oak	10	2	Y	Y			10											
T90	Hickory	13	2	Y	Y			13											
T91	Hickory	17.5	2	Y	Y			17.5											
T92	Hickory	12.5	3	Y	Y			12.5											

or greater, or a grove of deciduous trees consisting of eight (8) or more trees having a twelve inch (12") or greater dbh. (Ord. 96-O-7, 3-12-1996; amd. Ord. 2007-O-04, 4-24-2007)

4-10-3: ADMINISTRATION AND ENFORCEMENT:

- (A) Tree Removal Permit Required: A tree removal permit ("TRP") shall be required for the destruction or removal of any tree ("protected tree") identified on table A in section 4-10-6 of this chapter. No person shall, directly or indirectly, remove, damage, or destroy a protected tree without having secured a TRP.
- (B) Exemption: This chapter shall not apply to the removal of protected trees pursuant to a forestry management or nursery stock plan, which is approved and administered by a federal or state agency.
- (C) Animal Lots In Woodlands: Animal lots, which are located in woodlands, cause damage and destruction to the woodlands. Animal lot operations are incompatible with the preservation of woodlands. Therefore, a TRP shall not be issued for any animal lot site.
- (D) Application And Fee: A TRP application on the prescribed form shall be submitted to the village manager with the permit fee of five dollars (\$5.00).
- (E) Application Procedure:
1. Application For TRP In Conjunction With New Construction (When Building Permit Required):
 - (a) The permittee shall submit a tree preservation plan ("TPP") with the building permit application, which shall consist of at least two (2) legible reproducible site plans, drawn to scale, which shall include:
 - (1) Location and dimensions of all existing and proposed buildings, walls, improvements, and structures.
 - (2) Identification of uses on adjacent properties within two hundred fifty feet (250') of the site.
 - (3) Location and dimensions of all off street parking areas and access roads.
 - (4) Existing and proposed utility services.

(5) Existing and proposed elevations.

(6) Setbacks, yard requirements, and easements.

(7) A tree survey overlaid directly upon the site plan and indicating the location, species, and dbh of all protected trees and also those other trees with a dbh of twelve inches (12") or greater. The survey shall distinguish among trees to be preserved, transplanted, and/or destroyed. Groups of trees which are less than three feet (3') apart may be designated by clumps, provided that all trees with a dbh of twelve inches (12") or greater must be individually depicted. The village manager may permit the permittee to exclude areas of the site from the tree survey if he determines that the proposed construction or other activity will not impact those areas. The survey shall include a maintenance plan for all protected trees, consistent with sound forestry practices, to ensure the protection of the trees for a period of at least two (2) years from the conclusion of construction or activity and the issuance of an occupancy permit, if one is required.

2. Application For Tree Removal Permit With Existing Structure And Use (When No Building Permit Required):

(a) The permittee shall submit with his application the following:

(1) Present a site plan which depicts the area of the tree removal, the protected trees to be removed, and all other protected trees in proximity to the removal. All protected trees shall be identified by species, location, and dbh.

(2) Reasons for removing the trees.

(3) Any reports or studies, if any, indicating that the trees should be removed.

3. Application Review: Upon receipt of a completed application with the required fee, the village manager shall review the application, which, if deemed necessary, may include a site inspection by village staff and professional review by an arborist or other professional.

4. Approval: It is the intent of this chapter that a property owner shall have the full use and enjoyment of his property, provided however, that a TRP shall only issue when all other reasonably practical alternatives have been exhausted. The village manager shall grant a TRP only if:

(a) He finds that all reasonable efforts have been undertaken in the architectural layout and design of the proposed construction or other activity to preserve protected trees and to otherwise enhance the aesthetic appearance of the site by the incorporation of trees in the design process and the transplanting of the protected trees is not feasible.

(b) The removal of the protected trees is consistent with sound forestry practice or will result in woodland enhancement.

5. Relocation Or Replacement: As a condition to the granting of a TRP, the permittee may be required to:

(a) Transplant the protected trees under six inches (6") dbh; or

(b) Replace the protected trees which will be destroyed with other trees of the species identified on table A in section [4-10-6](#) of this chapter. Replacement trees shall conform to the minimum standards of the American Nurseryman's Association. In determining the necessity of transplanting or replacement of trees, the village manager shall consider the following:

(1) Existing tree coverage on the site and in the immediate surrounding area.

(2) Number of trees to be preserved on the entire site.

(3) The species, dbh, and condition of the tree(s) to be removed.

(4) The feasibility of transplanting the particular tree or trees.

(5) Topography and drainage of the site.

(6) The extent to which the protected tree(s) contributes to the historic, economic, and environmental integrity of the surrounding area.

(7) The nature of the existing and intended use of the property, including adjoining rights of way, scenic easements, conservancy district or conservancy areas or other open spaces on the site or within a distance of two hundred fifty feet (250') of the site.

6. Permit Time Limitation And Expiration: A TRP shall expire and become null and void if work authorized by the TRP is not commenced within one year from the date of issuance of the TRP or if such work, when commenced, is suspended or abandoned at any time for a period of ninety (90) days. Upon good cause shown, the TRP may be extended six (6) months by the village manager. (Ord. 96-O-7, 3-12-1996; amd. Ord. 2007-O-04, 4-24-2007)

7. Final Inspections: No building permit or occupancy permit shall be issued until the required transplanting or replacement of protected trees, as required by the TRP or TPP, has been completed and the final tree inspection approval has been given by the village manager. Should the village manager determine that, due to the time of the year when the building permit or occupancy permit is requested, the transplanting or replacement of trees should be deferred until a more suitable time, a building permit or occupancy permit may be issued, provided that:

(a) The permittee provides the village with a security deposit in an amount equal to the cost of the transplanting or replacement of trees. The security deposit shall be governed by the provisions of section [12-1-3](#) of this code.

(b) If the permittee completes all required tree transplanting or replacement within the time frame specified by the village manager, the security deposit shall be returned to the permittee in accordance with section [12-1-3](#) of this code.

(c) Should the permittee fail to complete the transplanting or replacement within the established time period, the village may elect to use the security deposit to hire an independent landscaper to complete the required tree transplanting or replacement. The permittee, as a condition of permit issuance grants the village the right of access and authorization to complete the landscaping. Excess security deposit funds, if any, will then be returned to the permittee in accordance with section [12-1-3](#) of this code. (Ord.

8. Tree Protection:

- (a) During construction, the TPP must be followed to prevent the destruction or damaging of protected trees. Protected trees which are destroyed or receive major damage must be replaced by trees of equal dbh in the aggregate, as determined by the village manager and village arborist, except when clearly impractical.
- (b) During construction, unless otherwise authorized by the TPP, a fence shall be erected and maintained so that no excess soil, additional fill, equipment, liquids, or construction debris shall be placed within the minimum root zone of any protected tree, unless the addition of excess soil or fill is required in order to comply with either the flood criteria requirements and/or federal flood regulations in high flood hazard location.
- (c) No attachments or wires other than those of a protective or nondamaging nature shall be attached to any protected trees during construction.
- (d) Unless otherwise authorized by a TPP, no soil is to be removed from within the minimum root zone of any protected tree.
- (e) All protected trees which are planted or transplanted pursuant to this chapter shall be maintained alive and healthy on the site. Any of such trees which die within two (2) planting seasons shall be promptly replaced by the permittee. (Ord. 96-O-7, 3-12-1996; amd. Ord. 2007-O-04, 4-24-2007)

4-10-4: APPEALS FROM A DECISION OF THE VILLAGE MANAGER:

Any person aggrieved by any decision of the village manager in the enforcement of this chapter, may appeal to the plan commission, by filing within ten (10) days after the date of the decision complained of on the prescribed form, a notice of appeal with the village manager, which shall set forth the decision appealed from and the reasons or grounds for the appeal. The decision of the plan commission shall be final, and no petition for rehearing or reconsideration shall be considered. (Ord. 96-O-7, 3-12-1996; amd. Ord. 2007-O-04, 4-24-2007)

4-10-5: REPLACEMENT:

In the event that a person shall remove, damage or destroy a protected tree without having secured a TRP, in addition to the general penalty provided in this code, he shall plant a replacement tree within ninety (90) days of written notice from the village. He shall plant a minimum three inch (3") dbh tree with the aggregate plantings equaling the dbh of the damaged or destroyed protected tree. The failure to plant the replacement trees shall constitute a violation of this chapter and each day that the replacement tree is not planted shall constitute a separate offense. These replacement trees shall conform to the minimum standards of the

American Nurseryman's Association and be a species listed in table A, section 4-10-6 of this chapter. Any of such trees which die within two (2) planting seasons shall be promptly replaced upon written notice from the village. (Ord. 96-O-7, 3-12-1996; amd. Ord. 2000-O-20, 8-8-2000; Ord. 2007-O-04, 4-24-2007)

4-10-6: PROTECTED TREES:

The following species with a dbh equal to or greater than that set forth on table A of this section are protected trees:

TABLE A
PROTECTED TREES

Species	Diameter At Breast Height
Basswood/linden (<i>Tilia americana</i>)	greater 10 inches or
Black walnut (<i>Juglans nigra</i>)	greater 8 inches or
Hackberry (<i>Celtis occidentalis</i>)	greater 8 inches or
Hickory Bitternut hickory (<i>Carya cordiformis</i>) Pignut hickory (<i>Carya glabra</i>) Shagbark hickory (<i>Carya ovata</i>)	greater 8 inches or
Ironwood (<i>Ostrya virginiana</i>)	greater 6 inches or
Oak Black oak (<i>Quercus velutina</i>) Bur oak (<i>Quercus macrocarpa</i>) Hill's oak (<i>Quercus ilipsoidalis</i>) Red oak (<i>Quercus rubra</i>) Swamp white oak (<i>Quercus bicolor</i>) White oak (<i>Quercus alba</i>)	greater 10 inches or
Sugar maple (<i>Acer saccharum</i>)	greater 10 inches or
Wild black cherry (<i>Prunus serotina</i>)	greater 8 inches or

(Ord. 96-O-7, 3-12-1996; amd. Ord. 2000-O-20, 8-8-2000; Ord. 2007-O-04, 4-24-2007)

Village of Long Grove

Bond List

Bond.DateOpened Between 1/1/2011 12:00:00 AM AND 12/9/2015 11:59:59 PM A

Bond Number	Bond Holder	Property Address	Date Opened	Status	Date Closed	Required Mitigation Inches	Held	Transferred	Forfeited	Returned
BD2-TREE-110001	FALL, ZACHARY & MINAH	6742 LAKERIDGE COURT	11/29/2011	Returned	07/12/12	48	\$0.00	\$0.00	\$0.00	\$3,300.00
BD2-TREE-120001	GHIAZVINI, KAMYAR & ANNA	2237 STAYTON LANE	04/03/2012	Returned	06/30/15	15	\$0.00	\$0.00	\$0.00	\$2,250.00
BD2-TREE-120002	BERDYSHEV, GREGORY D	6773 CRFEKSIDF. ROAD	09/25/2012	Expired		8	\$1,200.00	\$0.00	\$0.00	\$0.00
BD2-TREE-120003	MCDONOUGH, EDWIN J & MARYIRENE	4332 HALF DAY ROAD /IL RTE 22	11/16/2012	Returned	09/01/15	1,090	\$0.00	\$0.00	\$142,500.00	\$21,000.00
BD2-TREE-120004	MAK, LISA	3736 DEERWOOD DRIVE	12/05/2012	Returned	10/31/14	1066	\$0.00	\$0.00	\$0.00	\$24,900.00
BD2-TREE-130001	BENDLER, HEATHER E	4507 N KRUEGER ROAD	04/12/2013	Returned	06/09/15	295 TOTAL FOR 4507	\$0.00	\$0.00	\$0.00	\$35,700.00
BD2-TREE-130002	BENDLER, HEATHER E	4507 N KRUEGER ROAD	07/01/2013	Returned	06/09/15		\$0.00	\$0.00	\$0.00	\$4,350.00
BD2-TREE-130003	MARKKY, WILLIAM & KIM, JOYCE	5185 EASTGATE LANE	07/11/2013	Returned	10/28/14	171	\$0.00	\$0.00	\$22,050.00	\$3,600.00
BD2-TREE-130004	BENDLER, HEATHER E	4507 N KRUEGER ROAD	09/03/2013	Returned	06/09/15		\$0.00	\$0.00	\$0.00	\$4,200.00
BD2-TREE-130005	VARUGHESE, MANOJ & SEETAL	4718 WELLINGTON DRIVE	09/04/2013	Returned	11/07/14	115.5	\$0.00	\$0.00	\$8,325.00	\$9,000.00
BD2-TREE-130006	CK PROPERTY CONCEPTS LLC	4868 GILMER ROAD	12/19/2013	Held		329	\$49,350.00	\$0.00	\$0.00	\$0.00
BD2-TREE-140001	MURTISHI, RRAIM	5181 EASTGATE LN	06/25/2014	Held		10	\$1,500.00	\$0.00	\$0.00	\$0.00
BD2-TREE-140002	KCD CONSTRUCTION INC	1147 STEEPLE VIEW DRIVE	07/10/2014	Held		69	\$10,350.00	\$0.00	\$0.00	\$0.00
BD2-TREE-140003	MAT HOLDINGS INC	6700 WILDLIFE WAY	07/31/2014	Returned	11/18/14	16	\$0.00	\$0.00	\$0.00	\$2,400.00
BD2-TREE-150001	ZIOMEK, NICOLE	2810 KNOLL COURT	03/20/2015	Held		13	\$1,950.00	\$0.00	\$0.00	\$0.00
BD2-TREE-150002	TSE, SUN MAN	3257 MIDDLESAX DRIVE	04/28/2015	Held		18	\$2,700.00	\$0.00	\$0.00	\$0.00
BD2-TREE-150003	BAUER, KIMBERLY	1118 ROBERT PARKER COFFIN ROAD	06/11/2015	Empty		will be 127	\$0.00	\$0.00	\$0.00	\$0.00
BD2-TREE-150004	S&A GROUP LLC	1148 STEEPLE VIEW DR	10/14/2015	Held		93	\$13,950.00	\$0.00	\$0.00	\$0.00
Totals						18	\$81,000.00	\$0.00	\$172,875.00	\$110,700.00