

LANDSCAPE GENERAL NOTES:

1. ALL PLANT MATERIAL IS SUBJECT TO AVAILABILITY AND CORRECT SEASONAL PLANTING PROCEDURE. ANY AND ALL SUBSTITUTIONS REQUEST MUST BE SUBMITTED IN WRITING TO THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING SUBSTITUTION MATERIALS.
2. ALL PLANTS SHALL RECEIVE MIN. 4" DEPTH OF SHREDDED HARDWOOD BARK MULCH COVER IN PLANTING BED, INCLUDING PERENNIAL PLANTINGS.
3. THE LANDSCAPE CONTRACTOR SHALL STAKE AND LAYOUT ALL INSTALLATIONS AND BEDS FOR APPROVAL BY OWNER'S REPRESENTATIVE. FAILURE TO RECEIVE REVIEW AND APPROVAL MAY BE CAUSE TO REQUIRE THE REMOVAL OF PLANTS AND REINSTALLATION AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL SUPPLY LANDSCAPE PLANTING SOIL MIX FOR ALL PERENNIAL PLANTING BEDS TO CONSIST OF 1/3 TOPSOIL, 1/3 SAND AND 1/3 COMPOSTED MANURE OR "MUSHROOM COMPOST". THIS MIXTURE IS TO BE ROTOTILLED INTO THE SOIL A MINIMUM OF 8" THROUGHOUT THE BED. AFTER INSTALLATION MULCH AS SPECIFIED ABOVE. CONTRACTOR MUST ALSO WORK INTO SOIL TERRASORB HB AT A RATE PER THE MANUFACTURER'S RECOMMENDATION ALL SHRUB AND NON-IRRIGATED TREE AND PERENNIAL BEDS. SUBMIT MANUFACTURER'S LITERATURE FOR APPROVAL PRIOR TO IMPLEMENTATION.
5. THE CONTRACTOR SHALL RESTORE ANY AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION NOT RECEIVING ANY OTHER LANDSCAPE TREATMENT WITH RTF SOD.
6. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE OF ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGE OR CROOKED/ DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE.
7. TREES NOT EXHIBITING A CENTRAL LEADER WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT LIST AS MULTI-STEM.
8. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
9. ALL PLANT MATERIALS SHALL HAVE A 1 YEAR GUARANTEE FROM THE DAY OF SUBSTANTIAL COMPLETION.
10. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

General Notes:

1. Property Owner shall be responsible for maintaining all landscaping shown on the plan throughout the life of the development.
2. Plantings shall be installed between either April 15th-June 1st or September 1st - October 15th.
3. Ornamental trees provided in the 94th Street parkway due to overhead power lines.
4. Any areas disturbed during the course of construction or not receiving any other landscape treatment shall be sodded with RTF sod. This shall include any areas outside the property line including the parkway.
5. The 224 SF rain garden area shall have a min. of 12" of rain garden soil mix installed. This mix shall be 60% sand, 20% compost and 20% topsoil.

PLANT LIST

COMMON NAME	BOTANICAL NAME	QUANT	SIZE	REMARKS
SHADE TREES				
Armstrong Maple	<i>Acer freemanii</i> "Armstrong"	5	2.5" BB	Single Leader, (4) Mitigation Trees
Ironwood	<i>Carpinus caroliniana</i>	4	2.5" BB	Mitigation Trees
Skyline Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i> "Skyline"	4	2.5" BB	Single Leader
Skyline Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i> "Skyline"	3	4" BB	Mitigation Trees, (3) Single Leader, (2) Mitigation Trees
Redmond Linden	<i>Tilia americana</i> "Redmond"	5	4" BB	Mitigation Trees
ORNAMENTAL TREES				
Japanese Tree Lilac	<i>Syringa reticulata</i> "Ivory Silk"	8	2.5" BB or 8" BB	Single Leader
EVERGREEN TREES				
Swiss Stone Pine	<i>Pinus cembra</i>	2	8" BB	Single Leader
SHRUBS				
Chicago Fire Burning Bush	<i>Euonymus alatus</i> "Chicago Fire"	30	36" BB	Natural, 4' O.C. Spacing
Windy City Fothergilla	<i>Fothergilla gardenii</i> "Windy City"	6	30" BB	Natural, 3' O.C. Spacing
Nordic Inkberry	<i>Ilex glabra</i> "Nordic"	43	30" BB	Natural, 3.5' O.C. Spacing
Gro-Low Sumac	<i>Rhus aromatica</i> "Gro-Low"	31	#5 Cont.	Natural, 3' O.C. Spacing
Knockout Rose	<i>Rosa</i> "Knockout"	13	#5 Cont.	Natural, 3' O.C. Spacing
PERENNIALS				
Shasta Daisy	<i>Chrysanthemum superbum</i> "Becky"	24	#1 Cont.	2' O.C. Spacing
Pale Purple Coneflower	<i>Echinacea pallida</i>	38	#1 Cont.	2' O.C. Spacing
Happy Returns Daylily	<i>Hemerocallis</i> "Happy Returns"	85	#1 Cont.	2' O.C. Spacing
Green Spice Coral Bells	<i>Heuchera</i> "Green Spice"	30	#1 Cont.	2' O.C. Spacing
Coopering Lilyturf	<i>Liriope spicata</i>	24	3" Pot	1' O.C. Spacing
Black-eye Susan	<i>Rudbeckia fulgida</i> "Goldstrum"	62	#1 Cont.	2' O.C. Spacing
Shenandoah Switch Grass	<i>Panicum virgatum</i> "Shenandoah"	76	#3 Cont.	3' O.C. Spacing
Little Bluestem	<i>Schizachyrium scoparium</i>	25	#1 Cont.	2' O.C. Spacing
Prairie Dropseed	<i>Sporobolus heterolepis</i>	28	#1 Cont.	2' O.C. Spacing

Orland Park Landscape Requirements

South Buffer Yard
This buffer yard "A" length is 219 LF with the width of 25' requires - 7.6 shade trees, 3.0 ornamental trees and 30.66 shrubs.

Plant Type	Required Quantity	Existing Quantity Remaining	Proposed Quantity	Total Quantity
Canopy Trees *	8 (2)	5	6	10 (0)**
Ornamental Trees	3	0	3	3
Shrubs *	31 (10)	24 (24)	24 (17)	48 (43)

* Note: 30% Evergreen (Evergreen Quantity in parenthesis)
** Note: 2 mitigation trees (either side of rain garden)

East Buffer Yard
This buffer yard "B" length is 148 LF with the width of 25' (shared yard) requires - 3.5 shade trees, .89 ornamental trees and 17.76 shrubs.

Plant Type	Required Quantity	Existing Quantity Remaining	Proposed Quantity	Total Quantity
Canopy Trees *	4 (1)	9 (1)	5 (0)	14 (1)**
Ornamental Trees	1	0	0	0
Shrubs *	18 (6)	10 (0)	8 (6)	18 (6)

* Note: 30% Evergreen (Evergreen Quantity in parenthesis)
** Note: 2 mitigation trees

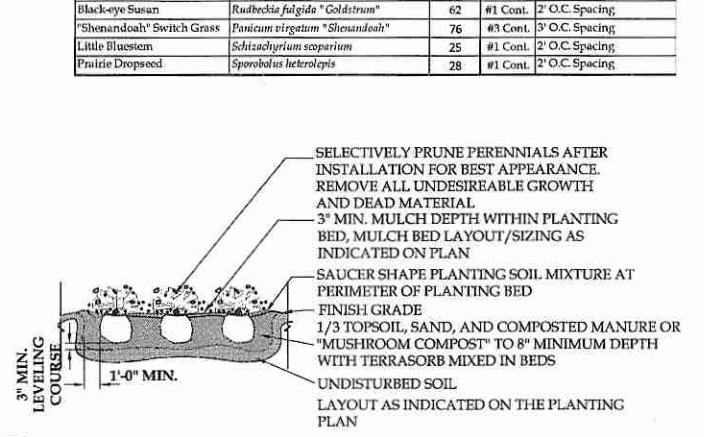
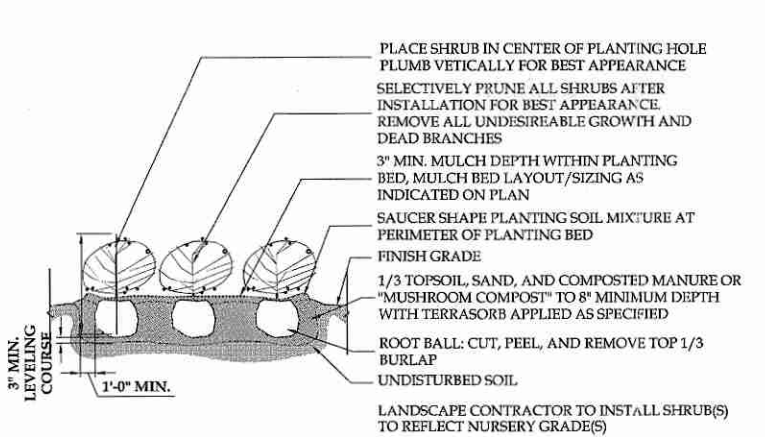
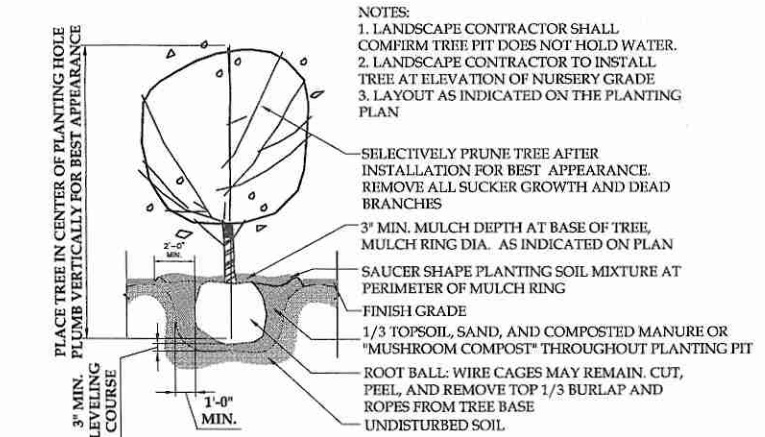
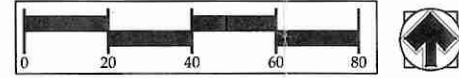
West Buffer Yard
This buffer yard "C" length is 122 LF with the width of 30' requires - 4.2 shade trees, 1.7 ornamental trees and 17.08 shrubs.

Plant Type	Required Quantity	Existing Quantity Remaining	Proposed Quantity	Total Quantity
Canopy Trees *	5 (2)	2 (0)	3 (2)	5 (2)
Ornamental Trees	2	1	1	2
Shrubs *	17 (5)	5 (0)	12 (5)	17 (10)

* Note: 30% Evergreen (Evergreen Quantity in parenthesis)

Mitigation Trees
13 Trees over 4" were removed from the site.
The 13 mitigation trees include: (5) Tree in parking island, (2) north of drive-thru lanes, (4) around building and (2) in east buffer yard.

1 Landscape Plan
SCALE: 1"=20'-0"

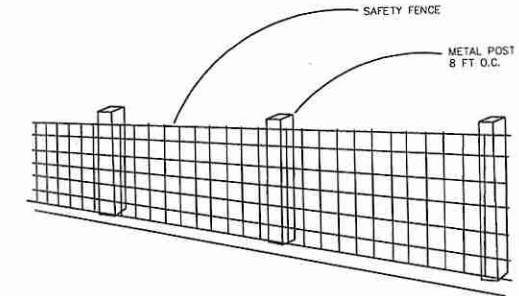


Tree Survey Completed - 4.26.12

Tree #	Size	Species	Condition	Additional Notes	Preserve or Removed	Replacement Quantity
1	8"	Maple	Good	Outside Property Line	Preserve	
2	4"	Maple	Poor	Outside Property Line	Preserve	
3	16"	Ash	Fair		Preserve	
4	18"	Poplar (Aspen)	Good		Preserve	
5	6"	Crabapple	Good	Clump - Replacement not required	Remove	N/A
6	6"	Crabapple	Good		Preserve	
7	4"	Maple	Poor	Trunk Damage	Remove	(1) - 4" Shade Trees
8	16"	Honeylocust	Good		Remove	(2) - 4" Shade Trees
9	5"	Maple	Fair	Trunk Damage	Remove	(1) - 4" Shade Trees
10	8"	Crabapple	Good		Remove	(2) - 2.5" Shade Trees
11	4"	Maple	Good		Remove	(1) - 4" Shade Trees
12	10"	Honeylocust	Good	R.O.W. Tree	Remove	(1) - 4" Shade Trees
13	7"	Crabapple	Good		Remove	(2) - 2.5" Shade Trees
14	6"	Linden	Good		Preserve	
15	6"	Linden	Good		Preserve	
16	5"	Linden	Good		Preserve	
17	16"	Ash	Good	R.O.W. Tree	Preserve	
18	6"	Honeylocust	Poor	Recent storm damage, main leader broken	Remove	(1) - 4" Shade Trees
19	16"	Ash	Fair	R.O.W. Tree	Preserve	
20	7"	Honeylocust	Good	R.O.W. Tree	Preserve	
21	7"	Honeylocust	Good		Preserve	
22	16"	Ash	Fair	R.O.W. Tree	Preserve	
23	5"	Honeylocust	Good		Preserve	
24	9"	Ash	Good	R.O.W. Tree	Preserve	
25	6"	Honeylocust	Good		Remove	(1) - 4" Shade Trees
26	14"	Ash	Fair	R.O.W. Tree	Preserve	
27	5"	Crabapple	Fair	Clump - Replacement not required	Remove	N/A
28	5"	Crabapple	Fair		Remove	(2) - 2.5" Shade Trees
29	4"	Crabapple	Good		Remove	(2) - 2.5" Shade Trees
30	7"	Crabapple	Good		Remove	(2) - 2.5" Shade Trees
31	5"	Crabapple	Good		Remove	(2) - 2.5" Shade Trees

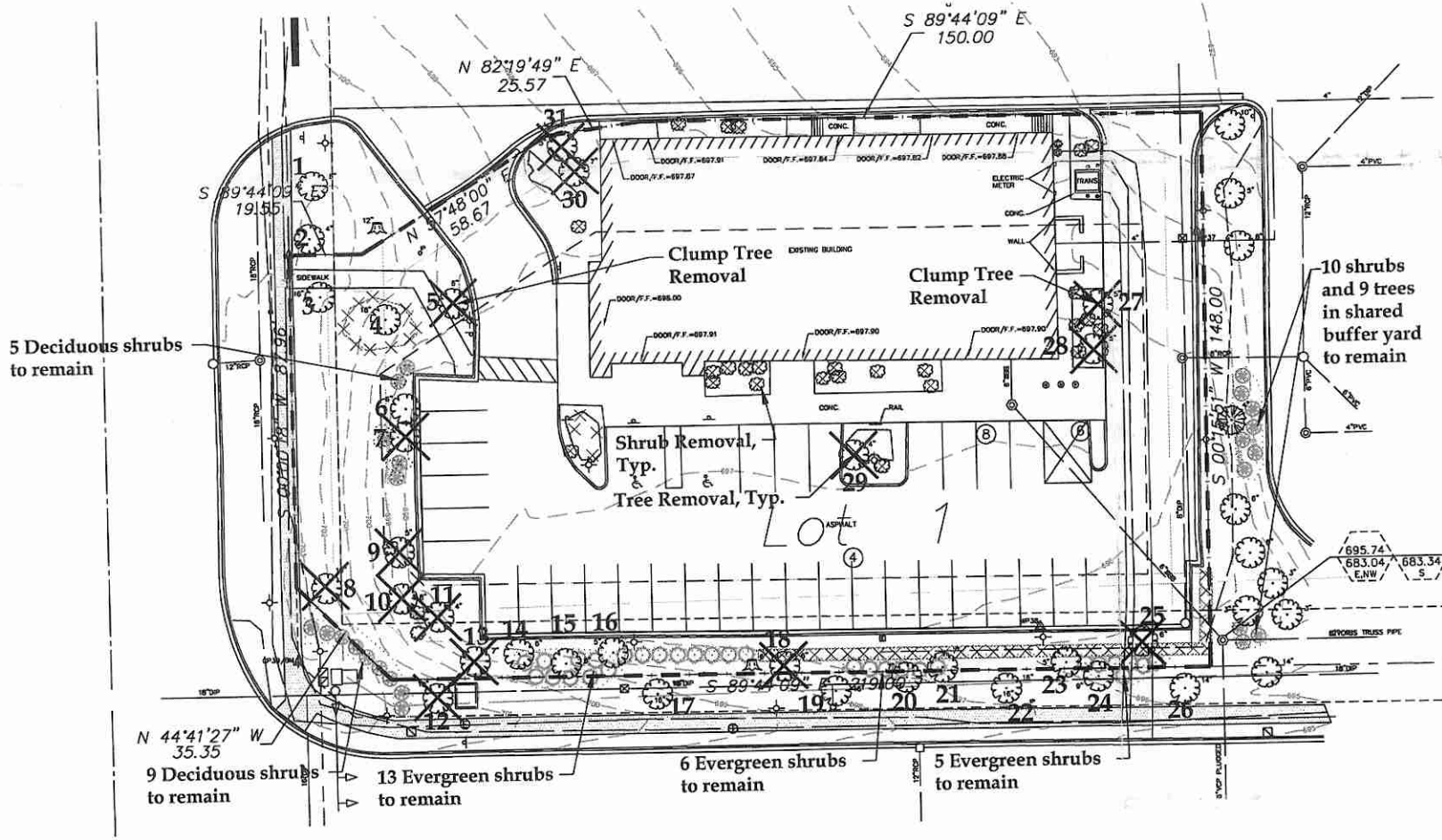
Total Removal Quantities: (13) 4" or greater trees. Mitigation trees noted on Landscape Plan.
 Total Replacement Quantities: (8) 4" Shade Trees and (12) 2.5" Shade Trees.

Tree Preservation Notes:
 1. All trees remaining shall have orange tree protection fencing installed at driplines where possible and be maintained during the course of construction.
 2. Trenching along an existing tree must be 1" for every 1" in tree caliper away from the base of tree.
 3. Filling within the dripline of any existing trees is prohibited.



NOTE:
 4 FT HEIGHT ORANGE PLASTICE CONSTRUCTION SAFETY FENCING AT TREE DRIPLINE. USE METAL POSTS. A MINIMUM 12" DEEP INTO UNDISTURBED SOIL. 8 FT. ON CENTER. WIRE SAFETY FENCE TO POSTS WITH 12 GAUGE WIRE.

2 Tree Protection Fencing Detail
 SCALE: NTS



1 Existing Conditions, Landscape Removals and Tree Preservation Plan
 SCALE: 1"=20'-0"

