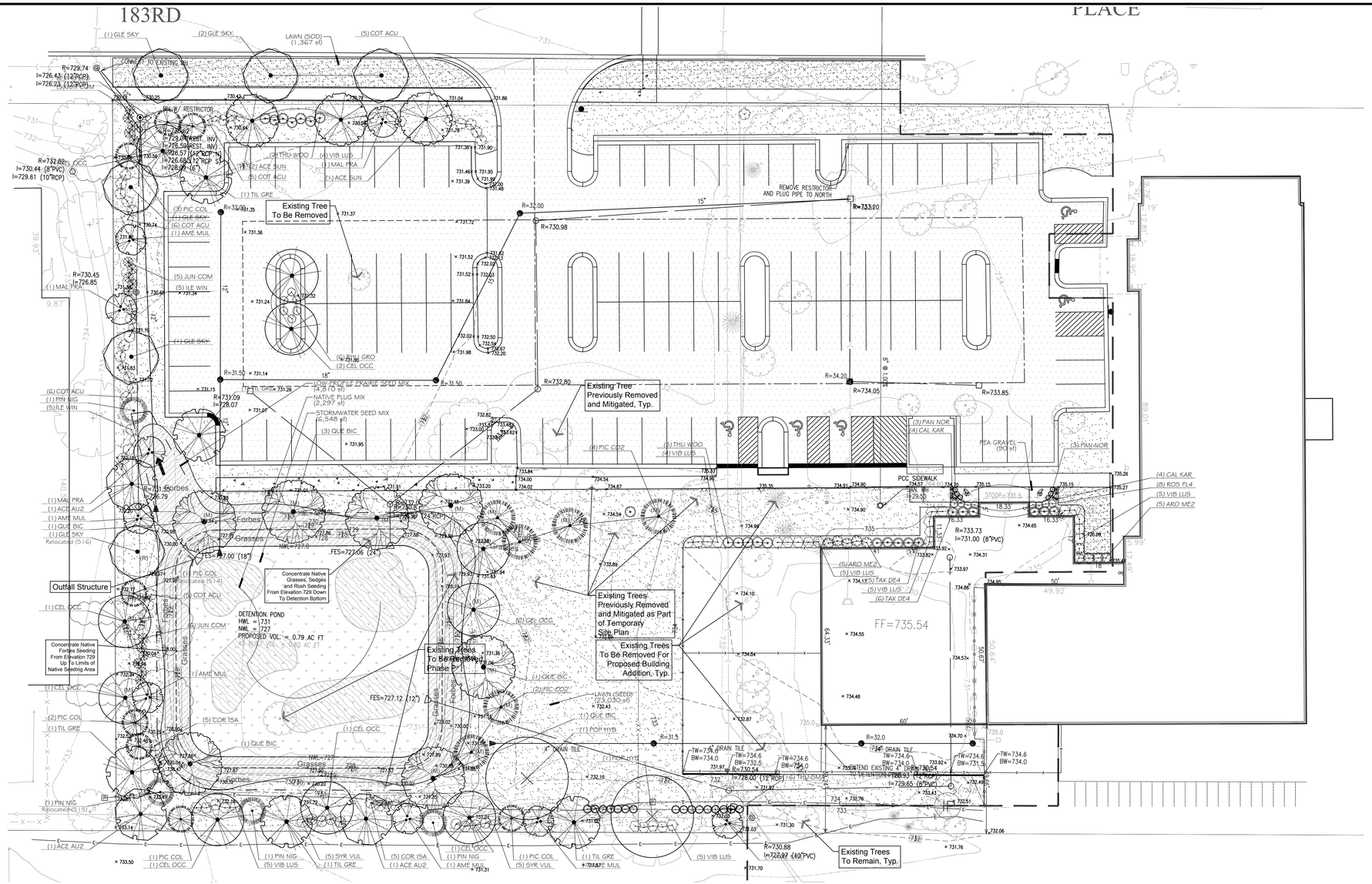

LANDSCAPE NOTES:

1. PLANT QUALITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUALITIES.
2. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
3. ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
4. ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
5. ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
6. THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
7. ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8.5' FROM THE TRUNK.
8. ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC., SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
9. ANY AREAS TO BE LOAMED AND SEEDED WHICH HAVE NOT BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 1"-2" OF LOAM OVER SCARIFIED EXISTING SOILS. CARE SHOULD BE GIVEN TO NOT PLACE GREATER THEN 1" SOIL OVER EXPOSED ROOTS OF EXISTING TREES IN SUCH AREAS.
10. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE ANY UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING OPERATIONS.
11. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
12. REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
13. REFER TO ARCHITECTURAL PLANS FOR BUILDING SIZES AND FOOTPRINTS.
14. REFER TO ENGINEERING PLANS FOR DETENTION CALCULATIONS, UTILITY LOCATIONS, TOPOGRAPHIC INFORMATION AND THE LIKE.
15. ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIAL. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY THE VILLAGE IN WRITING
16. ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
17. ALL BEDS SHALL BE EDGED, HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE.
18. ALL PARKWAYS AND PARKING LOT ISLANDS SHALL HAVE SOD AS A GROUNDCOVER, UNLESS OTHERWISE NOTED.
19. ALL LAWN AREAS ON THIS PLAN SHALL BE GRADED SMOOTH AND TOPPED WITH AT LEAST 4" OF TOPSOIL. ALL LAWN AREAS TO BE ESTABLISHED USING SOD UNLESS OTHERWISE NOTED.
20. THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL PRESENTED ON THIS PLAN. IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE CONTRACTOR ON THE PROJECT TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
21. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
22. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
23. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
24. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
25. ALL BEDS TO BE BERMED 12" TO 24" ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
26. LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
27. ALL NATIVE PLANTING SEED AREAS TO BE COVER WITH NAG SC150 EROSION CONTROL BLANKET.
28. CONCENTRATE SENSITIVE NATIVE SEEDING, PRIMARILY THE FORBES, TO ELEVATION 729 AND ABOVE IN THE NATIVE SEEDING AREA AROUND THE DETENTION BASIN. CONCENTRATE THE NATIVE GRASSES, SEDGES AND RUSHES FROM ELEVATION 729 DOWN TO THE DETENTION BASIN BOTTOM.

PLANT SCHEDULE PHASE II

	BOTANICAL NAME / COMMON NAME	COND	SIZE	QTY
CANOPY TREES				
ACE AU2	ACER FREEMANII `AUTUMN BLAZE` / AUTUMN BLAZE MAPLE	B & B	2.5"CAL	3
ACE SUN	ACER RUBRUM `RED SUNSET` / RED SUNSET MAPLE	B & B	2.5"CAL	3
CEL OCC	CELTIS OCCIDENTALIS / COMMON HACKBERRY	B & B	2.5"CAL	5
	CELTIS OCCIDENTALIS / COMMON HACKBERRY	B & B	4"CAL	5
GLE SKY	GLEDITSIA TRIACANTHOS `SKYLINE` / SKYLINE HONEY LOCUST	B & B	2.5"CAL	6
POP HYB	POPULUS DELTOIDES / EASTERN COTTONWOOD	EXISTING	18" CAL.	1
	POPULUS DELTOIDES / EASTERN COTTONWOOD	EXISTING	20" CAL.	1
QUE BIC	QUERCUS BICOLOR / SWAMP WHITE OAK	B & B	4"CAL	7
TIL GRE	TILIA CORDATA `GREENSPIRE` / GREENSPIRE LITTLELEAF LINDEN	B & B	2.5"CAL	5
EVERGREEN TREES				
PIC CO2	PICEA PUNGENS `COLORADO GREEN` / BLUE SPRUCE	B & B	12` HT.	6
PIC COL	PICEA PUNGENS `COLORADO GREEN` / BLUE SPRUCE	B & B	6` - 8` HT.	8
PIN NIG	PINUS NIGRA / AUSTRIAN BLACK PINE	B & B	6` - 8` HT.	4
UNDERSTORY TREES				
AME MUL	AMELANCHIER CANADENSIS / SHADBLOW SERVICEBERRY MULTITRUNK	B & B	6` - 8` HT.	6
MAL PRA	MALUS X `PRAIRIFIRE` / PRAIRIFIRE CRAB APPLE	B & B	6` - 8` HT.	3
DECIDUOUS SHRUBS				
ARO ME2	ARONIA MELANOCARPA / CHOKEBERRY	B & B	36" HT.	10
COR ISA	CORNUS SERICEA `ISANTI` / ISANTI REDOSIER DOGWOOD	B & B	36" HT.	10
COT ACU	COTONEASTER ACUTIFOLIUS / PEKING COTONEASTER	B & B	36" HT.	28
ILE WIN	ILEX VERTICILLATA `WINTER RED` / WINTER RED HOLLY	B & B	36" HT.	10
RHU GRO	RHUS AROMATICA `GRO-LOW` / GRO-LOW FRAGRANT SUMAC	5 GAL	24" SPREAD	6
ROS FL4	ROSA X `FLOWER CARPET PINK` / ROSE	5 GAL	24" SPREAD	8
SYR VUL	SYRINGA VULGARIS / COMMON LILAC	B & B	36" HT.	10
VIB LUS	VIBURNUM DENTATUM `CHICAGO LUSTER` / CHICAGO LUSTER ARROWWOOD	B & B	36" HT.	35
EVERGREEN SHRUBS				
JUN COM	JUNIPERUS CHINENSIS `PFITZERIANA COMPACTA` / COMPACTA PFITZER	5 GAL	24" SPREAD	16
TAX DE4	TAXUS X MEDIA / DENSE YEW	B & B	24" HT.	11
THU SMA	THUJA OCCIDENTALIS `SMARAGD` / EMERALD GREEN ARBORVITAE	B & B	36" HT.	16
THU WOO	THUJA OCCIDENTALIS `WOODWARDII` / WOODWARD ARBORVITAE	B & B	36" HT.	13
GRASSES				
CAL KAR	CALAMAGROSTIS X ACUTIFLORA `KARL FOERSTER` / FEATHER REED GRASS	1 GAL	2` - 3` HT.	8
PAN NOR	PANICUM VIRGATUM `NORTH WIND` / NORTHWIND SWITCH GRASS	1 GAL		6

NATIVE AREA PLUG MIX

NATIVE PLUG MIX	2,297 SF	
PANICUM VIRGATUM / SWITCH GRASS	197	33% @ 24" oc
SCIRPUS FLUVIATILIS / RIVER BULRUSH	88	33% @ 36" oc
SPARTINA PECTINATA / PRAIRIE CORDGRASS	197	33% @ 24" oc
TOTAL PLUGS:	482	

Stormwater Seed Mix

Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses/Sedges/Rushes:		
Carex cristatella	Crested Oval Sedge	4
Carex frankii	Bristly Cattail Sedge	4
Carex lurida	Bottlebrush Sedge	5
Carex sparganioides v. cephaloidea	Rough-Clustered Sedge	5
Carex vulpinoidea	Brown Fox Sedge	12
Eleocharis ovata	Blunt Spike Rush	3
Elymus virginicus	Virginia Wild Rye	32
Glyceria striata	Fowl Manna Grass	4
Juncus effusus	Common Rush	4
Juncus torreyi	Torrey's Rush	2
Leersia oryzoides	Rice Cut Grass	4
Panicum virgatum	Switch Grass	6
Scirpus atrovirens	Dark Green Rush	3
Scirpus cyperinus	Wool Grass	2
Scirpus fluviatilis	River Bulrush	2
Scirpus validus	Great Bulrush	18
	Total	**110.00**
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lolium multiflorum	Annual Rye	116.00
	Total	**476.00**
Forbs:		
Alisma spp.	Water Plantain (Various Mix)	12
Asclepias incarnata	Swamp Milkweed	4
Bidens spp.	Bidens (Various Mix)	4
Helenium autumnale	Sneezeweed	9
Mimulus ringens	Monkey Flower	3
Penthorum sedoides	Ditch Stonecrop	2
Polygonum pensylvanicum	Smartweed	16
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	3
Sagittaria latifolia	Broad-Leaf Arrowhead	3
Senna hebecarpa	Wild Senna	3
Thalictrum dasycarpum	Purple Meadow Rue	4
	Total	**63.00**

Low-profile Prairie Seed Mix

Botanical Name	Common Name	PLS Ounces/Acre
Permanent Grasses:		
Bouteloua curtipendula	Side Oats Grama	10.00
Carex spp.	Prairie Carex Mix	4.00
Elymus canadensis	Canada Wild Rye	32.00
Koeleria cristata	June Grass	1.00
Panicum virgatum	Switch Grass	1.00
Schizachyrium scoparium	Little Bluestem	32.00
	Total	**80.00**
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lolium multiflorum	Annual Rye	100.00
	Total	**460.00**
Forbs:		
Anemone cylindrica	Thimbleweed	0.50
Asclepias tuberosa	Butterfly Milkweed	2.00
Aster ericoides	Heath Aster	0.25
Aster laevis	Smooth Blue Aster	0.75
Aster novae-angliae	New England Aster	0.25
Baptisia lactea	White Wild Indigo	2.00
Chamaecrista fasciculata	Partridge Pea	14.00
Coreopsis lanceolata	Sand Coreopsis	5.00
Coreopsis palmata	Prairie Coreopsis	1.00
Dalea candida	White Prairie Clover	1.50
Dalea purpurea	Purple Prairie Clover	1.50
Echinacea purpurea	Broad-Leaved Purple Conefl	7.00
Eryngium yuccifolium	Rattlesnake Master	2.50
Lespedeza capitata	Round-Head Bush Clover	2.00
Liatris aspera	Rough Blazing Star	0.50
Lupinus perennis	Wild Lupine	2.00
Monarda fistulosa	Wild Bergamot	0.75
Parthenium integrifolium	Wild Quinine	1.00
Penstemon digitalis	Foxglove Beard Tongue	0.50
Pycnanthemum virginianu	Common Mountain Mint	1.00
Ratibida pinnata	Yellow Coneflower	4.00
Rudbeckia hirta	Black-Eyed Susan	5.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1.00
Silphium integrifolium	Rosin Weed	3.00
Silphium terebinthinaceum	Prairie Dock	0.50
Solidago nemoralis	Old-Field Goldenrod	0.50
Solidago rigida	Stiff Goldenrod	1.00
Tradescantia ohiensis	Common Spiderwort	0.75
Vernonia spp.	Ironweed (Various Mix)	1.75
Veronicastrum virginianum	Culvers Root	0.25
	Total	**63.75**

0 20 40 60 feet

SCALE: 1" = 20'

NORTH

BOARD APPROVED

Case No: 2016-0583

Date: 10/03/2016

W/Conditions:

W/Out Conditions: X

VILLAGE OF ORLAND PARK

LANDSCAPE ADDITION NOTES:

1. ALL CURRENT FOUNDATION PLANTINGS WILL BE DUG AND HEALED IN ON SITE AND THEN RELOCATED AS SHOWN ON ADDITION LANDSCAPE PLAN DETAIL.
2. ALL LANDSCAPE QUANTITIES WILL REMAIN THE SAME AS THE EXISTING ANIMAL HOSPITAL.
3. ONCE BUILDING ADDITION CONSTRUCTION ACTIVITIES ARE COMPLETE THE HEALED IN EXISTING PLANT MATERIAL WILL BE REINSTALLED PER THE PLAN DETAIL.
4. IF ANY PLANTS ARE DAMAGED OR DO NOT SURVIVE THE TRANSPLANTING / CONSTRUCTION ACTIVITIES THE WILL BE REPLACED WITH LIKE MATERIALS.
5. ALL EXISTING PLANT MATERIAL ON SITE IN THE IMMEDIATE AREA OF THE BUILDING ADDITION WILL BE PROTECTED DURING CONSTRUCTION BY PLASTIC ORANGE SNOW FENCE WITH SECURED TO METAL POST NEAR THE DRIP LINE OF THE PLANT MATERIAL. POSTS TO BE SPACED 6' O.C. SEE PLAN DETAIL FOR LOCATION OF FENCE.
6. TREES SHOWN ON THE LANDSCAPE PLAN WITH AN (M) INDICATED MITIGATION TREES REQUIRED PER THE VILLAGE TREE PRESERVATION ORDINANCE. SEE TREE PRESERVATION PLAN FOR MORE DETAIL.
7. TREES SHOWN ON THE LANDSCAPE PLAN WITH AN (R) INDICATE EXISTING TREES TO BE RELOCATED ON SITE. SEE THE TREE PRESERVATION PLAN FOR MORE DETAIL.
8. THE PETITIONER / CONTRACTOR SHALL REPLACE EXISTING DEAD PLANT MATERIAL ON SITE.
9. THE PETITIONER / CONTRACTOR SHALL REPLACE ANY EXISTING PLANT MATERIAL DAMAGED DURING CONSTRUCTION.

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MIDWEST ANIMAL HOSPITAL
BUILDING EXPANSION
PHASE II

Orland Park, Illinois

Reserved for Seal:

Expiration Date: _____

No.	Date	Description

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Design By: SSG	Date: 07/13/16
Approved By: SSG	Project No. 0000.00

Sheet Title:

LANDSCAPE PLAN

Sheet No:

L-1

EEA - G:\PROJECTS\Arnold\KWI\Hilwell\Revised 2016-09-09\Lplan_Treeff_plan_2016-07-15.dwg
Plotted: 7/15/16 at 11:20am By: sspaay