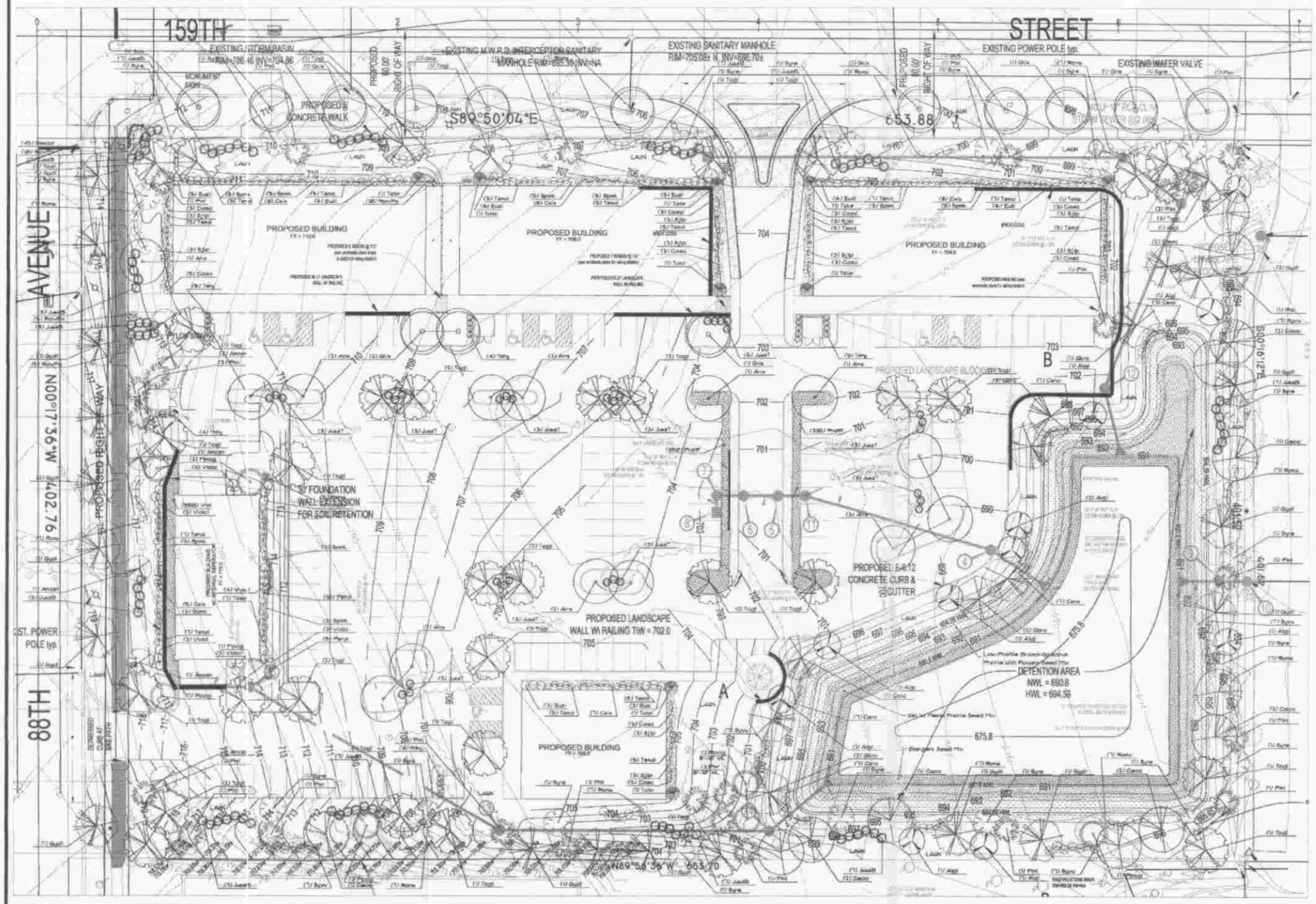
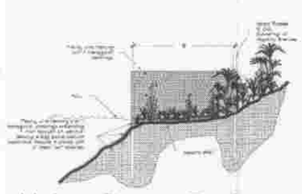


LANDSCAPE NOTES:

- PLANT QUALITIES SHOWN IN THE PLANT SCHEDULE ARE NOW 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 QUANTITIES.
- ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES OR DISEASES (OR INSECT DAMAGE). ANY MATERIALS WITH DAMAGED OR CROOKED LEADERS, SUNK OR GIRDLING ROOTS, DAMAGED BARK, ABRASIONS, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CLEARLY SET IN THE PLANT SCHEDULE OR NOTED.
- ALL PLANTING SHALL BE EXECUTED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS WORK INCLUDES, BUT NOT BE LIMITED TO, PROPER PLANTING PIT AND TREE PIT PREPARATION, PLANTING, STAKING, GUYING, MULCHING, WATERING, PRUNING, SPRAYING, WEED CONTROL, PLASTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
- ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIAL INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
- THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER MAINTENANCE PERFORMED PRIOR TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED BY SUCCESSFUL GROWING PLANTS. AT THE END OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
- ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL CONTAMINATION AND EITHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND EACH PLANTING AS 2' A DISTANCE OF 8/0 FROM THE TRUNK.
- ALL GRASS, CLIPPINGS, OTHER VEGETATION, DEBRIS, STONES, ETC. SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTED AND LAWN AREAS PRIOR TO ANY FINAL GRADING OPERATIONS.
- ANY AREAS TO BE LEGALLY AND NEEDED, WHICH HAVE NOT BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 4" OF LOAM OVER SCARIFIED EXISTING SOILS. CARE SHOULD BE TAKEN TO NOT ALTER GRADES WHEN LOAM OVER EXPOSED ROOTS OF EXISTING TREES IN SOD AREAS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR, REPLACE AND UTILITY, PAVING, CURBING, ETC. WHICH IS DAMAGED DURING PLANTING OPERATIONS.
- 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.
- REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, EXCLUSIVE DIMENSIONS AND EXISTING CONDITIONS.
- REFER TO ARCHITECTURAL PLANS FOR BUILDING FFH, SIZE AND FOOTPRINT.
- REFER TO ENGINEERING PLANS FOR DETENTION CALCULATIONS, UTILITY LOCATIONS, TOPOGRAPHIC INFORMATION AND FINE LINE.
- FINE GRADING LANDSCAPE AREAS, ALL AREAS AND DIMENSIONS ARE APPROXIMATE.
- ALL PLANT MATERIAL ON THE PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIALS. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DUE 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 FORESTER.
- 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.
- ALL LAWN AREAS ON THIS PLAN SHALL BE ESTABLISHED USING SEED.
- 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 SHALL BE UP TO THE LANDSCAPE CONTRACTOR TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
- CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
- ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
- ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT EACH, PLIED WITH ARRANGED SOIL IN A HOLE THAT IS THE RESPECTIVE SIZE OF THE ROOTBALL AND ROOT SYSTEM, AND MULCHED WITH 3" MULCH AND WATERED THOROUGHLY.
- TREES SHALL BE STAKED AND GUYED, AND HAVE A WATERING BASIN AT BASE.
- ALL TREES TO BE PLANTED 1" TO 2" ABOVE GRADE, AND MEET DRAINAGE REQUIREMENTS.
- LAWN AND SEED AREAS SHALL BE WATER-FILLED RAKED, OF DEBRIS AND DEBRIS.
- CONTRACTOR SELECTED FOR NATIVE PLANT INSTALLATION SHOULD HAVE A MINIMUM OF FIVE YEARS EXPERIENCE IN THE FIELD. SUPERVISOR IN CHARGE BE PRESENT ON SITE DURING LANDSCAPE WORK FOR NATIVE AREAS THAT EVALUATE NON-NATIVE AND NATIVE PLANTS IN THE SEED AND PROVIDE.
- ALL SEED SUPPLIED TO THE SITE SHOULD BE LABELED WITH SEED MIXTURE, WEIGHTS AND DOCUMENTATION OF PURE TESTING. SEED MUST MEET A MINIMUM 5% PURE FROM SPECIES AS VERIFIED BY NORTHWOOD LABORATORY TEST RESULTS NO MORE THAN 1 YEAR OLD. FOR PRAIRIE CORDGRASS (SPARTINA) MUST HAVE TEST RESULTS SHALL BE NO MORE THAN 6 MONTHS OLD.
- ALL NATIVE LANDSCAPE AREAS SHALL HAVE A DEPTH OF 6" OF TOPSOIL.
- PEATS SEA SHALL NOT BE USED IN AREAS OF NATIVE LANDSCAPING.
- ALL NATIVE SEED AND PLANT MATERIALS SHALL BE OBTAINED FROM SOURCES WITHIN A 250 MILE RADIUS FROM THE SUBJECT SITE TO MAINTAIN LOCAL ECOTYPES.
- BROADCASTING OR HYDRAULIC SEEDING WILL BE USED FOR MIXTURES OF NATIVE PLANTING AREAS. EROSION CONTROL BLANKET WILL BE USED ON STEEP SLOPES WITH A RATIO OF 4:1 EXPOSION CONTROL BLANKET SHALL BE NON-BIO OR BIODEGRADABLE EXCEPT WHEN SPECIFICALLY SEEDING METHODS ARE USED THE DRILLING SHALL BE PERFORMED IN TWO DIRECTIONS PERPENDICULAR TO EACH OTHER.
- WHEN BROADCAST SEED (HYDRO SEEDING METHODS) ARE USED SEED IS TO BE APPLIED AT DOUBLE THE THE INDICATED RATES (EXCLUDING TEMPORARY RYE/WHEAT SPECIES).
- IF AT THE TIME OF NATIVE AREA SEEDING WATER LEVELS CANNOT BE CONTROLLED, EMERGENT PLANTS WILL BE INSTALLED AT A RATE OF 25/800 SQ. FEET PER ACRE. PLANTS SHALL BE PLACED IN THE ZONE OF FUNCTION AT THE TIME, TO AVOID DISTURBANCE AND WILL BE PROTECTED FROM HERBIVORY. SEE EMERGENT SEED AND PLANT LIST FOR SPECIFIED PLUG RATES.
- NATIVE AREA SEEDING SHALL OCCUR ANY TIME BETWEEN OCTOBER 15TH AND JUNE 30TH PROVIDED IS CONDITIONS. WHERE SOIL MEET CONTACT END, SUPPLEMENTAL WATERING SHALL OCCUR WHEN SOIL IS MOIST TO DRY DEPTH AND CONSIST. STEEP SEED THAT WARMUP, OCCURS WITHIN 48 HOURS OF SEEDING. IF EARTHWORK IS COMPLETED IN LATE SPRING OR SUMMER, THE TEMPORARY RYE/WHEAT SEED WILL BE INSTALLED. PERMANENT NATIVE SPECIES WILL BE INSTALLED CONSECUTIVELY IF REGULAR WATERING IS PROVIDED OR SEPARATELY AT THE FIRST APPROPRIATE OPPORTUNITY.
- REFER TO MOW TOPPING AND MAINTENANCE DESCRIPTION FOR ALL NATIVE AREA CARE AND MAINTENANCE SPECIFICATIONS AND THE REQUIRED MONITORING, REPORTING AND ADAPTIVE MANAGEMENT CRITERIA.



Herbivory Protection Detail
Scale: N.T.S.

Plant List

Code	Name	Botanical Name	Common Name	Planting Size	Quantity
Acru	Acer rubrum 'Red Sunset'	Acer rubrum 'Red Sunset'	Sunset Maple	2 1/2"-Cal	14
Algl	Alnus glutinosa	Alnus glutinosa	Common Alder	8'-Clump	1
Amgl	Amelanchier utahensis	Amelanchier utahensis	Utah Serviceberry	8'-Clump	6
Cesc	Cercis occidentalis	Cercis occidentalis	Common Redbud	2 1/2"-Cal	13
Cero	Cornus sericea	Cornus sericea	Red Osier Dogwood	36"-Ht.	35
Cese	Cornus sericea 'Isanti'	Cornus sericea 'Isanti'	Isanti Dwarf Red Dogwood	36"-Ht.	38
Cosc	Corylus colurna	Corylus colurna	Turkish Filbert	36"-Ht.	32
Eual	Euonymus alatus	Euonymus alatus	Winged Euonymus	36"-Ht.	36
Gldi	Gleditsia triacanthos inermis 'Skyline'	Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	2 1/2"-Cal	14
Gydi	Gymnocladus dioica	Gymnocladus dioica	Kentucky Coffee Tree	2 1/2"-Cal	18
Hesdd	Hesperocnifa 'Stella de Oro'	Stella de Oro Daylily	1-Gal		49
Juvi5	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	24"- Spread		89
Juvi7	Juniperus sabina 'Leyland Blue'	Blue Blue Tam Juniper	24"- Spread		32
Pahal	Parthenocissus quinquefolia 'Hancock'	Dwarf Hancock Grass	1-Gal		34
Pipg	Picea pungens	Colorado Green Spruce	6'-10" Ht.		3
Pipg2	Picea pungens	Colorado Green Spruce	6'-10" Ht.		9
Pivi	Picea vigra	Austrian pine	6'-8" Ht.		5
Pivi	Picea vigra	Austrian pine	6'-8" Ht.		22
Prdf7	Prunus/pyrus nigricunta	Dwarf Fleeza Flower	5" Plate		445
Qbic	Quercus imperial	Swamp White Oak	3 1/2"-Cal		8
Rebla	Rosa 'Nearly Wild'	Nearly Wild Rose	36"-Ht.		84
Rosrfc	Rosa var. 'Meidrusa'	Pot. Carpet Rose	5-Gal		38
Sylp	Syringa japonica 'Little Princess'	Little Princess Syringa	24"- Ht.		58
Syre	Syringa reticulata	Japanese tree lilac	8'-Clump		28
Syvu	Syringa vulgaris	Common lilac	36"-Ht.		29
Syvk	Syringa x prestoniae 'Miss Kim'	'Miss Kim' Dwarf Lilac	36"- Ht.		43
Taxa	Taxus x media	Dense Yew	36"-Ht.		151
Tayu	Taxus x media 'Hicksii'	Hicksii Yew	6' - Ht.		39
Thoc	Thuja occidentalis 'Techny'	Techny Arborvitae	6' - Ht.		9
Tigl	Tilia cordata 'Greenspire'	Greenspire Linden	2 1/2"-Cal		54
Vidol	Viburnum plicatum 'Chicago Lustre'	Chicago Lustre Viburnum	36"-Ht.		22
Vise	Vinca minor	Dwarf periwinkle	3" Pots		560

Emergent Seed Mixture
Provide fresh clean, new crop of the species and proportions as specified. Seed shall be obtained from a reputable supplier (approved by Landscape Architect) within a 250 mile radius of the project site.

Permanent Matrix

Botanical Name	Common Name	Lbs/ AC.	Plugs / AC.
- Acorus calamus	- Sweet Flag	@12#/A	- 1to6
- Agrostis alba	- Redtop	1to6#/A	- n/a
- Alisma subcordatum	- Water Plantain	@35#/A	- n/a
- Echinodorus cravgsii rhizomatosus	- Tilliet	@36#/A	- n/a
- Eleocharis palustris	- Spike Rush	@3.5#/A	- 20of
- Pontederia virginica	- Arrow Arum	12to8#/A	- 1to0
- Polygonum pennsylvanicum	- Pinkweed	@to8#/A	- n/a
- Pontederia cordata	- Pickerel Weed	@5to8#/A	- 20of
- Sagittaria latifolia	- Common Arrowhead	@23#/A	- 1to0
- Scirpus validus	- Soft-stem Bulrush	@18#/A	- 1to0
- Sparganium eurycarpum	- Common Bur Reed	1to0#/A	- 1to0
- Anrena sativa	- Seed Oats	@ 4-6to0#/A	- n/a
- Carex comosa	- Bristly Sedge	n/a	- 4to0
- Iris virginica shrevei	- Blue Flag Iris	n/a	- 4to0
- Juncus effusus	- Soft Rush	n/a	- 4to0
		Total/A/A	3.1to0

All new emergent plantings to have herbivory protection installed. Plugs listed are for the seed only if water level cannot be controlled for seed installation.

LaFayette Home Nursery Seed Mix
4D
Low-Profile Broad-Spectrum Prairie with Flowers

PERMANENT MATRIX

Botanical (Common) Name	Lbs/AC.
Andropogon gerardii (Big Blue Stem)	0.250#/A
Andropogon scoparius (Little Blue Stem)	4.000#/A
Bouteloua curtipendula (Side Oats Grama)	1.750#/A
Panicum virgatum (Prairie Switch Grass)	0.500#/A
Sorghastrum nutans (Indian Grass)	0.099#/A

TEMPORARY MATRIX

	Lbs/AC.
Avena sativa (Seed Oats)	30.000#/A
Elymus canadensis (Prairie Wild Rye)	1.000#/A
Hordeum jubatum (Squirrel Tail Barley)	0.006#/A
Lolium multiflorum (Annual Rye)	5.000#/A
Phleum pratense (Timothy)	2.000#/A

FORBS

	Lbs/AC.
Amorpha canescens (Lead Plant)	1.125#/A
Aster laevis (Smooth Blue Aster)	0.016#/A
Aster novae angliae (New England Aster)	0.031#/A
Baptisia leucantha (White Wild Indigo)	0.078#/A
Cassia fasciculata (Partridge Pea)	0.125#/A
Ceanothus americanus (New Jersey Tea)	0.031#/A
Coreopsis palmata (Prairie Coreopsis)	0.031#/A
Dodecatheon meadia (Shooting Star)	0.016#/A
Echinacea pallida (Pale Purple Coneflower)	0.281#/A
Eryngium yuccifolium (Rattlesnake Master)	0.109#/A
Lespedeza capitata (Round-Head Bush Clover)	0.125#/A
Liatris aspera (Rough Blazing Star)	0.125#/A
Liatris pycnostachya (Prairie Blazing Star)	0.188#/A
Lupinus perennis (Wild Lupine)	0.219#/A
Monarda fistulosa (Prairie Bergamot)	0.031#/A
Parthenium integrifolium (Wild Quinine)	0.016#/A
Petalostemum candidum (White Prairie Clover)	0.125#/A
Petalostemum purpureum (Purple Prairie Clover)	0.156#/A
Physostegia virginiana (False Dragonhead)	0.094#/A
Ratibida pinnata (Yellow Coneflower)	0.125#/A
Rudbeckia hirta (Black-eyed Susan)	0.063#/A
Solidago nemoralis (Old-Field Goldenrod)	0.008#/A
Solidago rigida (Rigid Goldenrod)	0.125#/A
Verbena stricta (Hoary Vervain)	0.125#/A
Veronicastrum Virginicum (Culver's Root)	0.008#/A
Veronicastrucloutata (Ironweed)	0.188#/A
IDA Annuals & Short Lived Perennials Mix	3.000#/A
TOTAL LBS. PER ACRE	52.563#/A

Note,
Annuals & Short Lived Perennials Mix shall not contain the following: Damian Rocket, Shasta Daisy, and Yarrow species.

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5.5.0.	7-15-09
5.5.0.	7-20-09
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BOARD APPROVED
CASE NO 2008-0447
DATE 7-20-09
W/CONDITIONS
W/O CONDITIONS

Landscape Plan
The Shoppes At 88
Orland Park, Illinois

North

PREPARED FOR: Protection Dev.
LOCATION: Orland Park, IL
DATE: 4-7-09
SCALE: 1" = 30'
COMPUTER NAME: Laserjet
JOB NUMBER: 2008-24

SHEET L-1

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