KEYNOTES

- 01 NEW SHORT-GRASS PRAIRIE SEED MIX, AGRECOL 'SHORTGRASS PRAIRIE FOR DRY SOILS' WITH COVER CROP, OR APPROVED EQUAL.
- 02 NEW SHORT-GRASS PRAIRIE SEED MIX, AGRECOL 'SHORTGRASS PRAIRIE FOR MEDIUM SOILS' WITH COVER CROP AND WHORLED MILKWEED PLANTS, OR APPROVED EQUAL.
- 03 NEW 'ECONOMY PRAIRIE' BY AGRECOL WITH COVER CROP, OR APPROVED EQUAL.
- 04 NEW 'WET PRAIRIE' BY AGRECOL WITH COVER CROP, OR APPROVED EQUAL.
- 05 NEW RAINWATER RENEWAL SEED MIX BY AGRECOL WITH COVER CROP, OR APPROVED EQUAL. SEED TO START AT PERMANENT WATER ELEVATION OF WET PONDS TO TOP OF POND, AND THE ENTIRE BASE AND SIDE SLOPES OF INFILTRATION BASIN.
- 06 NEW BIORETENTION DEVICE PLANTING PLUGS: 14 KITS OF AGRECOL 'RAINWATER GARDEN FOR SUNNY SITES' (896 PLANTS) AND 64 MARSH MILKWEED PLANTS, OR APPROVED EQUAL. PLANT IN DRIFTS OF AT LEAST 8 SPECIES TOGETHER WITH TALLER PLANTS TOWARDS THE CENTER.
- 07 NEW 6'-0" HIGH CHAIN LINK FENCE WITH SLATS, SEE CIVIL PLANS

LANDSCAPE PLANT LEGEND

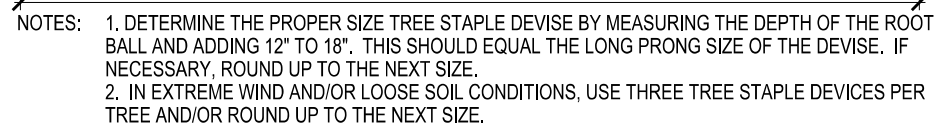| SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	ROOT	MATURE SIZE	QTY	
TREES:							
AL	Amelanchier laevis 'Cumulus'	Cumulus Serviceberry	2" Cal.	B.B.	25' H x 20' W	6	7%
AS	Acer saccarum 'Bailsta'	Fall Festival Sugar Maple	2" Cal.	B.B.	50-75' H x 50' W	6	7%
CC	Crataegus crus-galli var. inermis 'Cruzam'	Crusader Thornless Cockspur Hawthorn	6' High Multistem	B.B.	15' H x 15' W	1	1%
CO	Celtis occidentalis	Common Hackberry	2" Cal.	B.B.	50' H x 45' W	9	11%
CV	Carya ovata	Shagbark Hickory	2" Cal.	B.B.	80' H x 40' W	6	7%
JC	Juniperus chinensis 'Mountbatten'	Mountbatten Upright Juniper	5' High	Cont.	15' H x 8' W	8	10%
JV	Juniperus virginiana	Eastern Red Cedar	5' High	B.B.	40' H x 15' W	4	5%
NS	Nyssa sylvatica	Black Gum	2" Cal.	B.B.	30-50' H x 20-30' W	11	13%
PG	Picea glauca 'Densata'	Black Hills Spruce	6' High	B.B.	35' H x 20' W	1	1%
QR	Quercus robur x bicolor 'Long'	Regal Prince English Oak	2" Cal.	B.B.	45' H x 18' W	14	17%
QE	Quercus ellipsoidalis	Northern Pin Oak	2" Cal.	B.B.	60' H x 25-40' W	6	7%
UF	Ulmus x 'Frontier'	Frontier Hybrid Elm	2" Cal.	B.B.	35' H x 25' W	10	12%
						82	
SHRUBS:							
AM	Aronia melanocarpa 'Morton'	Iroquois Beauty Black Chokeberry	3' H	Container	3' H x 5' W	18	
CA	Corylus americana	American Filbert	3' H	Container	8' H x 8' W	1	
JS	Juniperus chinensis 'Sea Green'	Sea Green Juniper	18-24" H	4-5 Gallon	4.5' H x 4-5' W	31	
MP	Myrica pennsylvanica	Northern Bayberry	18" High	Cont.	4.5' H x 4-5' W	4	
RR	Rosa rugosa 'Scarlet Pavement'	Scarlet Pavement Rugosa Rose	3 Gallon	Container	2.5' H x 3.5' W	28	
TM	Taxus x media 'Everlow'	Everlow Yew	18-24" High	Cont.	2-3' H x 4.5' W	7	
VD	Viburnum dentatum 'Christom'	Blue Muffin Arrowwood Viburnum	4-5 Gallon	Container	6' H x 5' W	35	
GRASSES:							
SH	Sporobolus heterolepis 'Tara'	Tara Dropseed	1 Gallon		18" H x 15" W	107	
SS	Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	1 Gallon		3' H x 18" W	48	
PERENNIALS:							
AN	Aster novae-angliae 'Purple Dome'	Purple Dome Aster	1 Gallon		18" H x 15-18" W	61	
AS	Allium 'Summer Beauty'	Summer Beauty Onion	4.5" Pot		18" H x 12" W	17	
AT	Asclepsia tuberosa	Butterfly Weed	4.5" Pot		2-3' H x 9-18" W	14	
BA	Baptisia australis	False Indigo	4.5" Pot		3-4' H x 2-3' W	7	
CN	Calamintha nepeta 'Montrose White'	Montrose White Calamint	4.5" Pot		18" H x 24" W	13	
EP	Echinacea purpurea	Purple Coneflower	4.5" Pot		30" H x 18" W	12	
GT	Geum triflorum	Prairie Smoke	4.5" Pot		12" H x 12" W	20	
LP	Liatris pycnostachya	Prairie Blazing Star	4.5" Pot		2-5' H x 1-2' W	15	
NF	Nepeta faasenii 'Walker's Low'	Walker's Low Catmint	4.5" Pot		10" H x 18" W	18	

LANDSCAPE GENERAL NOTES

1. TRUE NORTH MAY VARY FROM PROJECT NORTH.
2. CONSTRUCTION PRACTICES, MEANS AND METHODS, AND JOB SITE SAFETY, SHALL REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. FIELD VERIFY ALL EXISTING AND PROPOSED UTILITIES, ELEVATIONS AND DIMENSIONS.
4. DIGGERS HOTLINE SHALL BE CALLED TO MARK UTILITIES PRIOR TO LAND DISTURBANCE.
5. RESTORE ALL AREAS TO SEEDED LAWN UNLESS NOTED OTHERWISE.
6. ALL PLANTING BEDS SHALL RECEIVE 3" THICK SHREDDED BARK MULCH WITH BLACK ANODIZED ALUMINUM EDGING.
7. ALL INDIVIDUAL TREES SHALL RECEIVE 4' DIAMETER, 3" THICK SHREDDED BARK MULCH TREE RING WITH SPADE CUT EDGE. MULCH SHALL BE PULLED AWAY FROM TRUNK OF TREE TO PREVENT ROT.
8. ALL LAWN TO BE RESTORED WITH SEED AND EROSION MAT OR HYDROMULCH UNLESS NOTED OTHERWISE. WISDOT URBAN TYPE B EROSION MAT SHALL BE PROVIDED ON SLOPES 4:1 OR GREATER.
9. BIORETENTION DEVICES SHALL RECEIVE CLASS II EROSION MAT (COCONUT MAT ERONET C125 OR EQUIVALENT) WITH BLACK ANODIZED ALUMINUM EDGING. MAT SHALL BE INSTALLED WITH OVERLAPPED JOINTS AND STAKED WITH HARDWOOD STAKES MIN. 4" LONG PRIOR TO INSTALLATION OF PLANTS TO PREVENT COMPACTION.
10. IN THE EVENT THAT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANT MATERIALS LIST, THE PLANTING PLANS SHALL GOVERN.
11. SEE DETAIL 04/L101 FOR TREE PLANTING DETAIL.
12. PROVIDE TEMPORARY WHITE FLAGGING TO DEFINE AREAS OF NATIVE SEEDING AND LAWN AREAS. FLAGS MAY BE REMOVED ONCE MOWING AROUND NATIVE SEEDING AREAS ARE DEFINED.
13. REFER TO EROSION CONTROL PLAN FOR ADDITIONAL INFORMATION. LANDSCAPE CONTRACTOR TO COORDINATE WITH EARTHWORK AND EROSION CONTROL CONTRACTOR.
14. NATIVE SEED ZONES REQUIRE A MINIMUM ONE-YEAR CONTRACTOR MAINTENANCE PERIOD. CONTRACTOR SHALL PROVIDE OPTIONAL THREE-YEAR MAINTENANCE PROPOSAL FOR MAINTAINING NATIVE PLANT ESTABLISHMENT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

Plan Labels

NEW MONUMENT SIGN

NEW BUILDING 58,924 SF F.F. 892.00

NEW COLD STORAGE 14,000 SF F.F. 884.00

STORAGE COVER 2,560 SF STORAGE F.F. 883.00

EMPLOYEE PARKING (33)

COUNTY HWY 'A'

RECYCLE

LAWN

PROVIDE 12" WIDE STONE MULCH STRIP AT 3" THICK WITH WEED BARRIER FABRIC AND BLACK PLASTIC EDGING IN LOCATIONS WHERE THERE ARE NOT PLANTING BEDS ADJACENT TO BUILDING.

CHAIN LINK, NO SLATS

B.B. SHRUB AND TREE PLANTING DETAIL

REMOVE TRANSIT GUARD FROM TRUNK, IF APPLICABLE
TREE STAPLE TREE STAKE. INSTALL PER MANUFACTURER'S INSTRUCTIONS USING PROPER SIZING FOR CALIPER OF TREE
3" MIN. DIAMETER TREE RING. 3" DEPTH SHREDDED BARK MULCH, UNLESS OTHERWISE SPECIFIED, PULLED AWAY FROM TRUNK OF TREE
1 PART TOPSOIL TO 1 PART COMPOST MIX

TRUNK FLARE EXPOSED - PLACE MULCH LINE AT FINAL SOIL LINE, OR 1-2" ABOVE SOIL LINE
REMOVE WIRE BASKET, TWINE, AND TOP 2/3 OF BURLAP
SPADE-CUT EDGE, UNLESS OTHERWISE SPECIFIED
FINISH GRADE
EXCAVATION SHALL BE 6" HIGHER IN CENTER TO ALLOW WATER TO DRAIN TO SIDES. PLACE BALL ON UNDISTURBED EARTH

UNDISTURBED EARTH
PLACE SLOW-RELEASE FERTILIZER PACKETS AT BOTTOM OF EXCAVATION
2 DIAMETERS OF ROOT BALL
4 DIAMETERS OF ROOT BALL

NOTES:
1. DETERMINE THE PROPER SIZE TREE STAPLE DEVISE BY MEASURING THE DEPTH OF THE ROOT BALL AND ADDING 12" TO 18". THIS SHOULD EQUAL THE LONG PRONG SIZE OF THE DEVISE. IF NECESSARY, ROUND UP TO THE NEXT SIZE.
2. IN EXTREME WIND AND/OR LOOSE SOIL CONDITIONS, USE THREE TREE STAPLE DEVICES PER TREE AND/OR ROUND UP TO THE NEXT SIZE.

04 / L101 — SCALE: NONE

LANDSCAPE REQUIREMENTS

Street Frontages:
Provide 40 points for every 100' of street frontage, plant on site within 10'-0" of property lines that adjoin street. 50% shall be climax/tall trees and 30% medium trees.

Street	Street Frontage	Calculation	Points Required
County Hwy A	1186 lf	40 pts. / 100 LF	474.4
		Subtotal	474

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75	5	375
Medium Deciduous Tree, 6' Tall	15	8	120
		Subtotal	495

Paved Areas:
Provide 60 landscape points per 20 stalls or 10,000 sf of paved area. At least 30% of points shall be climax or tall trees, and a minimum of 40% of points shall be shrubs. Plant within 10' of paved area.

	Area	Calculation	Required Landscape Points
Paved Surface Area	95,969 sf	60 points / 10,000 sf	576

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75	ea	4	300
Medium Deciduous Tree, 6' Tall	15	ea	1	15
Medium Evergreen Tree, 4' Tall	20	ea	4	80
Tall Deciduous Shrub	5	ea	35	175
Low Deciduous Shrub	1	ea	8	8
			Subtotal	578

Building Foundation:
Provide 40 landscape points per 100 lf of building foundation.

	Perimeter	Calculation	Required Landscape Points
Building Foundation Perimeter	1,425 lf	40 points per 100 LF	570

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Medium Deciduous Tree, 6' Tall	15	ea	15	225
Medium Evergreen Tree, 4' Tall	20	ea	1	20
Low Evergreen Tree, 3' Tall	12	ea	8	96
Medium Evergreen Shrub, 18" Tall	5	ea	31	155
Medium Deciduous Shrub	3	ea	5	15
Low Evergreen Shrub, 12" Tall	3	ea	7	21
Low Deciduous Shrub, 18" Tall	1	ea	38	38
			Subtotal	570

Note: Perennials not included in calculations. Alternate location along drive for 6 of Medium Dec. Trees.

Developed Lots:
Provide 15 landscape points per 1,000 sf of building footprint.

	Area	Calculation	Required Landscape Points
Building Footprint	89,484 sf	15 pts./1,000 sf	1342

Provided Landscaping

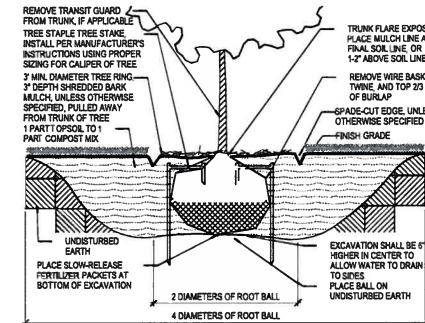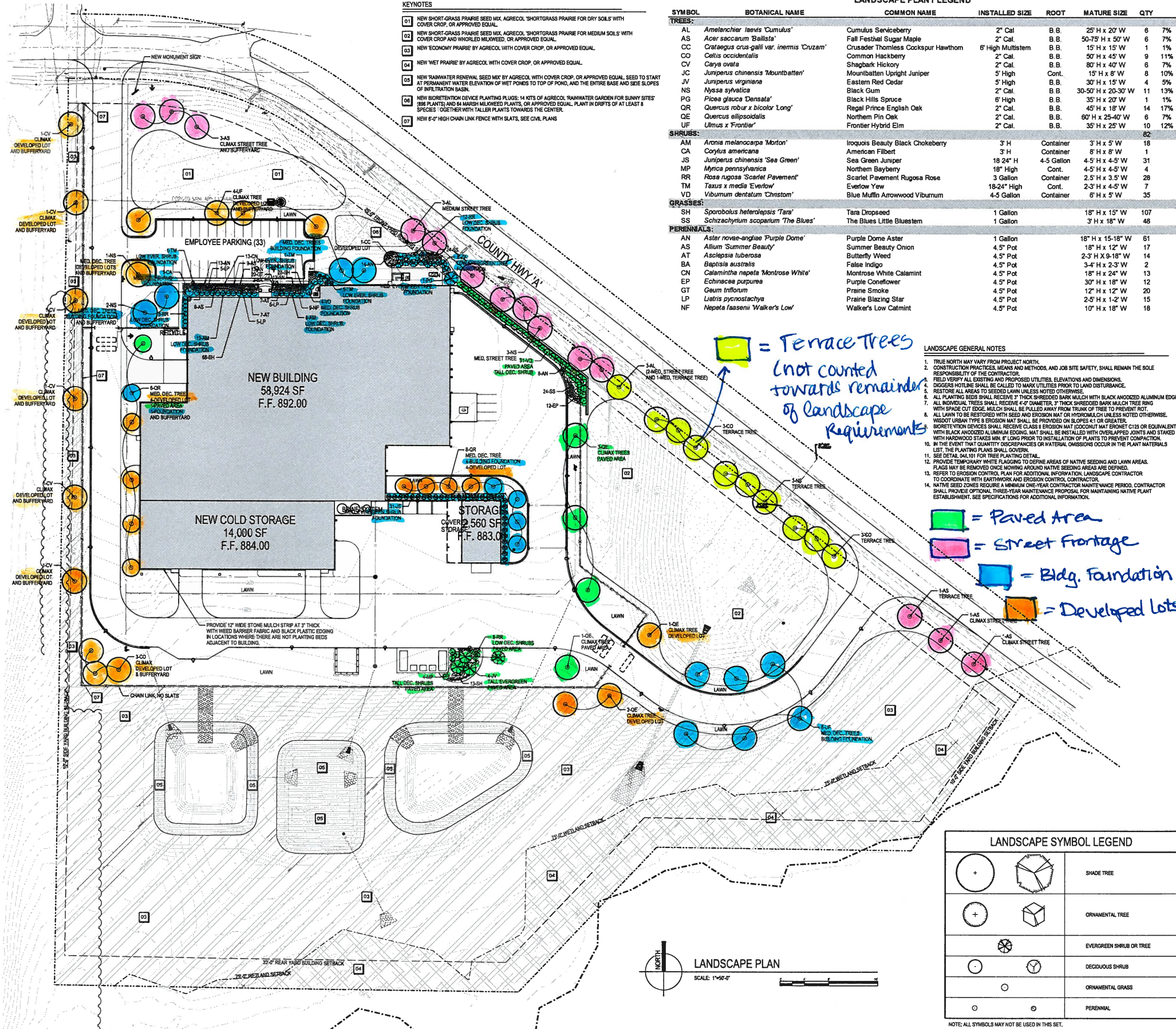| Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75	ea	16	1200
Medium Deciduous Tree, 6' Tall	15	ea	9	135
Small Deciduous Tree, 4' Tall	10	ea	1	10
			Subtotal	1345

BUFFERYARD REQUIREMENTS
Provide an opacity level of 0.6 between Institutional property and Heavy Industrial Property along length of Development.

	Length of Development	Calculation	Required Landscape Points
Length of Development from North 25' Bldg. Setback and South edge of Fence	595 lf	221 points per 100 LF	1315

Using 20'+ Buffer Width and a 6' High Chain link fence with slats, provide 221 landscape points per 100 LF

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75	ea	16	1200
Medium Deciduous Tree, 6' Tall	15	ea	9	135
		Subtotal	1335

LANDSCAPE SYMBOL LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- EVERGREEN SHRUB OR TREE
- DECIDUOUS SHRUB
- ORNAMENTAL GRASS
- PERENNIAL

NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

LANDSCAPE PLAN
SCALE: 1"=50'-0"

NORTH

ORIGINAL SIZE = 24" x 36"
X:51381\cad\51381nkL101.dgn
SCALE:
PLOTTED BY:

L101

PRELIMINARY - NOT FOR CONSTRUCTION

LANDSCAPE PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALLED SIZE	ROOT	MATURE SIZE	QTY	
TREES:							
AL	Amelanchier laevis 'Cumulus'	Cumulus Serviceberry	2" Cal.	B.B.	25' H x 20' W	6	7%
AS	Acer saccarum 'Bailsta'	Fall Festival Sugar Maple	2" Cal.	B.B.	50-75' H x 50' W	6	7%
CC	Crataegus crus-galli var. inermis 'Cruzam'	Crusader Thornless Cockspur Hawthorn	6' High Multistem	B.B.	15' H x 15' W	1	1%
CO	Celtis occidentalis	Common Hackberry	2" Cal.	B.B.	50' H x 45' W	9	11%
CV	Carya ovata	Shagbark Hickory	2" Cal.	B.B.	80' H x 40' W	6	7%
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PG	Picea glauca 'Densata'	Black Hills Spruce	6' High	B.B.	35' H x 20' W	1	1%
QR	Quercus robur x bicolor 'Long'	Regal Prince English Oak	2" Cal.	B.B.	45' H x 18' W	14	17%
QE	Quercus ellipsoidalis	Northern Pin Oak	2" Cal.	B.B.	60' H x 25-40' W	6	7%
UF	Ulmus x 'Frontier'	Frontier Hybrid Elm	2" Cal.	B.B.	35' H x 25' W	10	12%
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EP	Echinacea purpurea	Purple Coneflower	4.5" Pot		30" H x 18" W	12	
GT	Geum triflorum	Praine Smoke	4.5" Pot		12" H x 12" W	20	
LP	Liatris pycnostachya	Prairie Blazing Star	4.5" Pot		2-5' H x 1-2' W	15	
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KEYNOTES

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03 NEW 'ECONOMY' PRAIRIE SEED MIX, AGRECOL WITH COVER CROP, OR APPROVED EQUAL.
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05 NEW 'RAINWATER RENEWAL SEED MIX' BY AGRECOL, WITH COVER CROP, OR APPROVED EQUAL. SEED TO START AT PERMANENT WATER ELEVATION OF WET PONDS TO TOP OF POND, AND THE ENTIRE BASE AND SIDE SLOPES OF INFILTRATION BASIN.
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07 NEW 8'-0" HIGH CHAIN LINK FENCE WITH SLATS, SEE CIVIL PLANS

LANDSCAPE GENERAL NOTES

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5. RESTORE ALL AREAS TO SEEDED LAWN UNLESS NOTED OTHERWISE.
6. ALL PLANTING BEDS SHALL RECEIVE 3" THICK SHREDDED BARK MULCH WITH BLACK ANODIZED ALUMINUM EDGING.
7. ALL INDIVIDUAL TREES SHALL RECEIVE 4'-0" DIAMETER, 3" THICK SHREDDED BARK MULCH TREE RING WITH SPADE CUT EDGE, MULCH SHALL BE PULLED AWAY FROM TRUNK OF TREE TO PREVENT ROT.
8. ALL LAWN TO BE RESTORED WITH SEED AND EROSION MAT OR HYDROMULCH UNLESS NOTED OTHERWISE. WISDOT URBAN TYPE 5 EROSION MAT SHALL BE PROVIDED ON SLOPES 4:1 OR GREATER. BIORETENTION DEVICES SHALL RECEIVE CLASS II EROSION MAT (COCONUT MAT EROMET C125 OR EQUIVALENT) WITH BLACK ANODIZED ALUMINUM EDGING. MAT SHALL BE INSTALLED WITH OVERLAPPED JOINTS AND STAKED WITH HARDWOOD STAKES MIN. 6" LONG PRIOR TO INSTALLATION OF PLANTS TO PREVENT COMPACTION.
9. IN THE EVENT THAT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANT MATERIALS LIST, THE PLANTING PLANS SHALL GOVERN.
10. SEE DETAIL 04/L101 FOR TREE PLANTING DETAIL.
11. PROVIDE TEMPORARY WHITE FLAGGING TO DEFINE AREAS OF NATIVE SEEDING AND LAWN AREAS. FLAGS MAY BE REMOVED ONCE MOWING AROUND NATIVE SEEDING AREAS ARE DEFINED.
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Handwritten annotations
- ▨ = Terrace Trees (not counted towards remainder of landscape Requirements)
- ▨ = Paved Area
- ▨ = Street Frontage
- ▨ = Bldg. Foundation
- ▨ = Developed Lots

B.B. SHRUB AND TREE PLANTING DETAIL

04 / L101
SCALE: NONE

LANDSCAPE REQUIREMENTS

Street Frontages:
Provide 40 points for every 100' of street frontage, plant on site within 10'-0" of property lines that adjoin street. 50% shall be climax/tall trees and 30% medium trees.

Street	Street Frontage	Calculation	Points Required
		40 pts. / 100	
County Hwy A	1186 lf	LF	474.4
		Subtotal	474

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75 ea	5	375
Medium Deciduous Tree, 6' Tall	15 ea	8	120
		Subtotal	495

Paved Areas:
Provide 60 landscape points per 20 stalls or 10,000 sf of paved area. At least 30% of points shall be climax or tall trees, and a minimum of 40% of points shall be shrubs. Plant within 10' of paved area.

	Area	Calculation	Required Landscape Points
		60 points /	
Paved Surface Area	95,969 sf	10,000 sf	576

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75 ea	4	300
Medium Deciduous Tree, 6' Tall	15 ea	1	15
Medium Evergreen Tree, 4' Tall	20 ea	4	80
Tall Deciduous Shrub	5 ea	35	175
Low Deciduous Shrub	3 ea	2	6
		Subtotal	576

Building Foundation:
Provide 40 landscape points per 100 lf of building foundation.

	Perimeter	Calculation	Required Landscape Points
		40 points per	
Building Foundation Perimeter	1,425 lf	100 LF	570

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Medium Deciduous Tree, 6' Tall	15 ea	15	225
Medium Evergreen Tree, 4' Tall	20 ea	1	20
Low Evergreen Tree, 3' Tall	12 ea	8	96
Medium Evergreen Shrub, 18" Tall	5 ea	31	155
Medium Deciduous Shrub	3 ea	5	15
Low Evergreen Shrub, 12" Tall	3 ea	7	21
Low Deciduous Shrub, 18" Tall	1 ea	38	38
		Subtotal	570

Note: Perennials not included in calculations. Alternate location along drive for 6 of Medium Dec. Trees.

Developed Lots:
Provide 15 landscape points per 1,000 sf of building footprint.

	Area	Calculation	Required Landscape Points
		15 pts /1,000	
Building Footprint	89,484 sf	sf	1342

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75 ea	16	1200
Medium Deciduous Tree, 6' Tall	15 ea	9	135
Small Deciduous Tree, 4' Tall	10 ea	1	10
		Subtotal	1345

BUFFERYARD REQUIREMENTS
Provide an opacity level of 0.6 between Institutional property and Heavy Industrial Property along length of Development.

	Length of Development	Calculation	Required Landscape Points
		221 points	
Length of Development from North 25' Bldg. Setback and South edge of Fence	595 lf	per 100 LF	1315

Using 20'+ Buffer Width and a 6' High Chain link fence with slats, provide 221 landscape points per 100 LF

Provided Landscaping

Plant	Point Value	Quantity	Provided Landscape Points
Climax Deciduous Tree, 2" Cal.	75 ea	16	1200
Medium Deciduous Tree, 6' Tall	15 ea	9	135
		Subtotal	1335

LANDSCAPE SYMBOL LEGEND

Symbol	Description
○ / ⬡	SHADE TREE
○ / ◻	ORNAMENTAL TREE
✾	EVERGREEN SHRUB OR TREE
○	DECIDUOUS SHRUB
○	ORNAMENTAL GRASS
○	PERENNIAL

NOTE: ALL SYMBOLS MAY NOT BE USED IN THIS SET.

LANDSCAPE PLAN
SCALE: 1"=50'-0"
NORTH

Plan labels
NEW BUILDING 58,924 SF F.F. 892.00
NEW COLD STORAGE 14,000 SF F.F. 884.00
STORAGE COVER 2,560 SF F.F. 883.00
EMPLOYEE PARKING (33)
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LAWN

PROVIDE 12" WIDE STONE MULCH STRIP AT 3" THICK WITH WEED BARRIER FABRIC AND BLACK PLASTIC EDGING IN LOCATIONS WHERE THERE ARE NOT PLANTING BEDS ADJACENT TO BUILDING.

CHAIN LINK, NO SLATS

STOUGHTON
PUBLIC WORKS FACILITY
CITY OF STOUGHTON
STOUGHTON, WISCONSIN

LANDSCAPE PLAN

PROJECT NUMBER 51381
APPROVED BY: JJS
REVIEWED BY: BTW
DRAWN BY: KAU

PRELIMINARY - NOT FOR CONSTRUCTION

L101