

Final Landscape Plan

WHEATLAND CROSSING - PHASE 2A & 2B

Aurora, Illinois

May 20, 2025

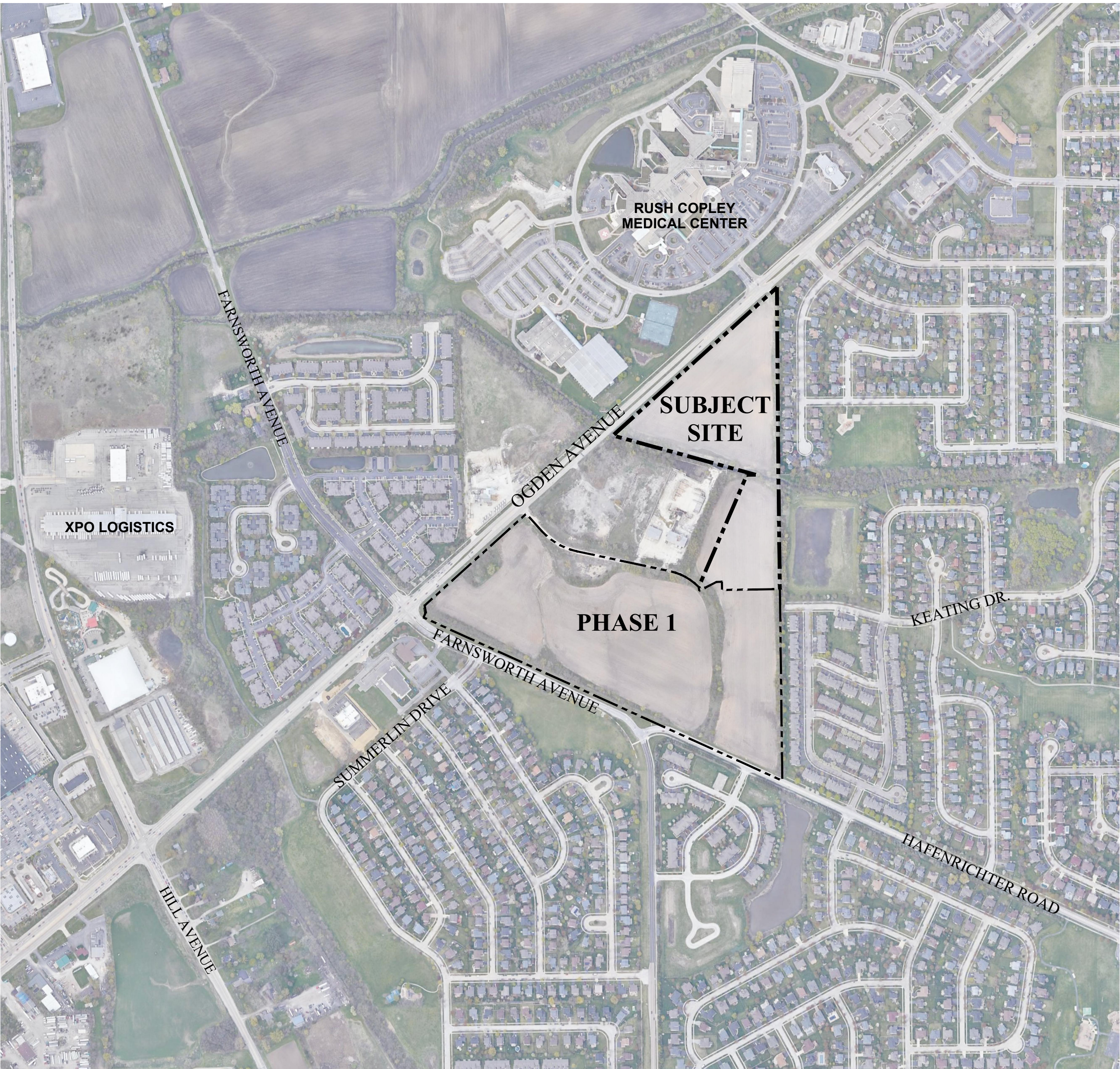
CONSULTANTS:



LANDSCAPE ARCHITECT:
GARY R. WEBER ASSOCIATES, INC
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187



CIVIL ENGINEER:
CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, ILLINOIS 60502



LOCATION MAP

SCALE: 1"=500'

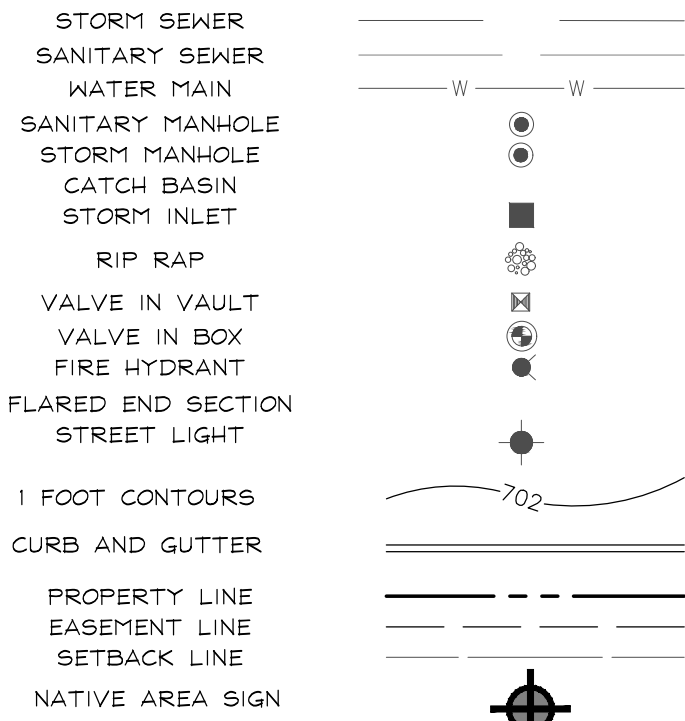
INDEX OF SHEETS

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4	TYPICAL FOUNDATION LANDSCAPE PLANS
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8	TREE INVENTORY
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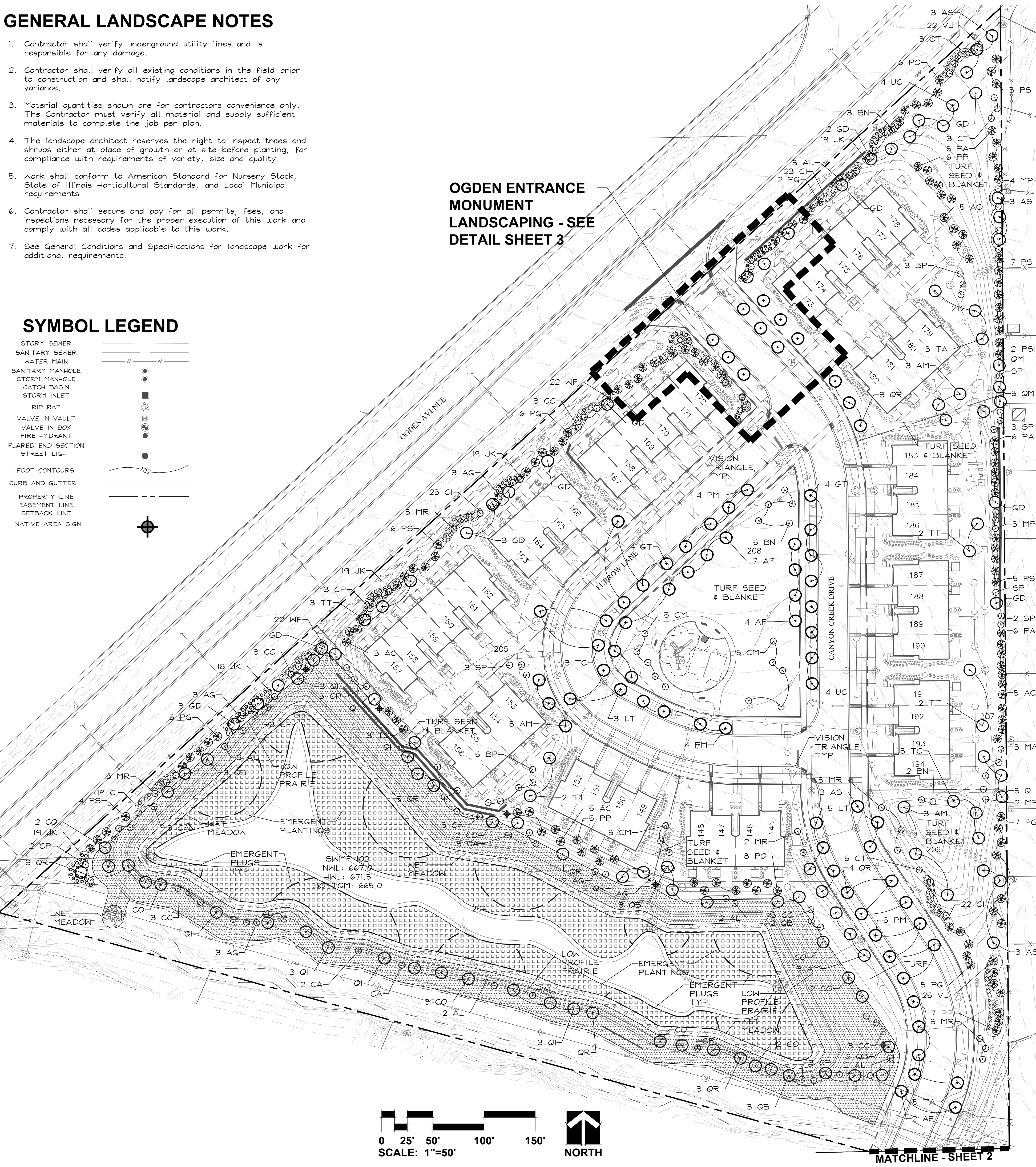
GENERAL LANDSCAPE NOTES

1. Contractor shall verify underground utility lines and is responsible for any damage.
2. Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variance.
3. Material quantities shown are for contractors convenience only. The Contractor must verify all material and supply sufficient materials to complete the job per plan.
4. The landscape architect reserves the right to inspect trees and shrubs either at place of growth or at site before planting, for compliance with requirements of variety, size and quality.
5. Work shall conform to American Standard for Nursery Stock, State of Illinois Horticultural Standards, and Local Municipal requirements.
6. Contractor shall secure and pay for all permits, fees, and inspections necessary for the proper execution of this work and comply with all codes applicable to this work.
7. See General Conditions and Specifications for landscape work for additional requirements.

SYMBOL LEGEND



OGDEN ENTRANCE
MONUMENT
LANDSCAPING - SEE
DETAIL SHEET 3



Landscape Data Table: Planting Material Key	
Note: Symbols are blacklines for proposed grayscale for existing	
Canopy Trees (minimum size 2.5 caliper) Count:	191
Evergreen Trees (minimum size 6 feet) Count:	137
Understory Trees (minimum size 2.5 caliper or 8 feet (if multi-stem)) Count:	156
Evergreen Shrubs (minimum of 18 inches) Count:	120
Deciduous Shrubs (minimum of 18 inches) Count:	201
Ornamental Grasses Count:	7
Perennials Count:	98
Annuals Count:	0
Groundcover Square Footage:	0
Turf (Seeded) Square Footage:	170,427 S.F.
Turf (Sod) Square Footage:	27,213 S.F.
Native Prairie Planting Square Footage:	56,555 S.F.
Native Wetland Planting Square Footage:	57,109 S.F.

Landscape Implementation Data Table: Plant List by Category - Phase 2A									
	QTY	Percent	SYM	BOTANICAL NAME	Genus / (Species)	Family /	COMMON NAME	SIZE	COMMENTS
Canopy Trees	19	10%	AF	Acer x freemanii 'Marmo'	(Sapindaceae / Acer / Acer x freemanii)		MARMO FREEMAN MAPLE	2.5' Cal.	
	12	6%	AM	Acer miyabei 'Morton'	(Sapindaceae / Acer / Acer miyabei)		STATE STREET MAPLE	2.5' Cal.	
	12	6%	AS	Acer x saccharum 'Green Mountain'	(Sapindaceae / Acer / Acer saccharum)		GREEN MOUNTAIN SUGAR MAPLE	2.5' Cal.	
	14	7%	CO	Celtis occidentalis	(Cannabaceae / Celtis / Celtis occidentalis)		COMMON HACKBERRY	2.5' Cal.	
	8	4%	GT	Gleditsia triacanthos v. inermis 'Skyline'	(Fabaceae / Gleditsia / Gleditsia triacanthos v. inermis)		SKYLINE HONEYLOCUST	2.5' Cal.	
	15	8%	GD	Gymnocladus dioica 'Espresso-JF8'	(Fabaceae / Gymnocladus / Gymnocladus dioica)		ESPRESSO KENTUCKY COFFEE TREE	2.5' Cal.	
	11	6%	LT	Liriodendron tulipifera	(Magnoliaceae / Liriodendron / Liriodendron tulipifera)		TULIPTREE	2.5' Cal.	
	13	7%	PM	Platanus x acerifolia 'Morton Circle'	(Platanaceae / Platanus / Platanus x acerifolia)		EXCLAMATION LONDON PLANETREE	2.5' Cal.	
	13	7%	QB	Quercus bicolor	(Fagaceae / Quercus / Quercus bicolor)		SWAMP WHITE OAK	2.5' Cal.	
	16	8%	QI	Quercus imbricaria	(Fagaceae / Quercus / Quercus imbricaria)		SINGLE OAK	2.5' Cal.	
	4	2%	QM	Quercus muehlenbergii	(Fagaceae / Quercus / Quercus muehlenbergii)		CHINKAPIN OAK	2.5' Cal.	
	20	10%	QR	Quercus rubra	(Fagaceae / Quercus / Quercus rubra)		RED OAK	2.5' Cal.	
	8	4%	TA	Tilia americana 'Redmond'	(Malvaceae / Tilia / Tilia americana)		REDMOND AMERICAN LINDEN	2.5' Cal.	
	6	3%	TC	Tilia cordata 'Greenspire'	(Malvaceae / Tilia / Tilia cordata)		GREENSPIRE LITTLELEAF LINDEN	2.5' Cal.	
Evergreen Trees	12	6%	TT	Tilia tomentosa 'Sterling'	(Malvaceae / Tilia / Tilia tomentosa)		STERLING SILVER LINDEN	2.5' Cal.	
	8	4%	UC	Ulmus carpinifolia 'New Horizon'	(Ulmaceae / Ulmus / Ulmus carpinifolia)		NEW HORIZON SMOOTHLEAF ELM	2.5' Cal.	
	191	100%							
	18	13%	AC	Abies concolor	(Pinaceae / Abies / Abies concolor)		WHITE FIR	6' Ht.	
	17	12%	PA	Picea abies	(Pinaceae / Picea / Picea abies)		NORWAY SPRUCE	6' Ht.	
	33	24%	PG	Picea glauca 'Densata'	(Pinaceae / Picea / Picea glauca)		BLACK HILLS SPRUCE	6' Ht.	
	14	10%	PO	Picea omorika	(Pinaceae / Picea / Picea omorika)		SERBIAN SPRUCE	6' Ht.	
	18	13%	PP	Picea pungens	(Pinaceae / Picea / Picea pungens)		GREEN COLORADO SPRUCE	6' Ht.	
	31	23%	PS	Pinus strobus	(Pinaceae / Pinus / Pinus strobus)		WHITE PINE	6' Ht.	
	6	4%	TO	Thuja occidentalis 'Nana'	(Cupressaceae / Thuja / Thuja occidentalis)		DARK GREEN AMERICAN ARBORVITAE	6' Ht.	
	137	100%							
	13	8%	AL	Amelanchier laevis	(Rosaceae / Amelanchier / Amelanchier laevis)		ALLEGHENY SERVICEBERRY	8' Ht.	Multi-stem
	13	8%	AG	Amelanchier x grandiflora	(Rosaceae / Amelanchier / Amelanchier x grandiflora)		APPLE SERVICEBERRY	8' Ht.	Multi-stem
	10	6%	BN	Betula nigra 'Cully'	(Betulaceae / Betula / Betula nigra)		HERITAGE RIVER BIRCH	8' Ht.	Multi-stem
Understory Trees	8	5%	BP	Betula populifolia 'Whitespire'	(Betulaceae / Betula / Betula populifolia)		WHITESPIRE GREY BIRCH	8' Ht.	Multi-stem
	16	10%	CA	Carpinus caroliniana	(Betulaceae / Carpinus / Carpinus caroliniana)		AMERICAN HORNBEAM	8' Ht.	Multi-stem
	15	10%	CC	Cercis canadensis	(Fabaceae / Cercis / Cercis canadensis)		EASTERN REDBUD	8' Ht.	Multi-stem
	15	10%	CP	Cornus alternifolia	(Cornaceae / Cornus / Cornus alternifolia)		PAGODA DOGWOOD	8' Ht.	Multi-stem
	13	8%	CM	Cornus mas	(Cornaceae / Cornus / Cornus mas)		CORNELIANCHERRY DOGWOOD	8' Ht.	Multi-stem
	11	7%	CT	Crataegus crusgalli var. inermis	(Rosaceae / Crataegus / Crataegus crusgalli)		THORNLESS COCKSPUR HAWTHORN	2' Cal.	Single Stem
	9	6%	MP	Malus 'Prairifire'	(Rosaceae / Malus / Malus x)		PRAIRIFIRE CRABAPPLE	8' Ht.	Multi-stem
	9	6%	MA	Malus 'Purple Prince'	(Rosaceae / Malus / Malus x)		PURPLE PRINCE CRABAPPLE	8' Ht.	Multi-stem
	14	9%	MR	Malus 'Red Jewel'	(Rosaceae / Malus / Malus x)		RED JEWEL CRABAPPLE	8' Ht.	Multi-stem
	10	6%	SP	Syringa pekinensis 'Morton'	(Oleaceae / Syringa / Syringa pekinensis)		CHINA SNOW PEKING LILAC	8' Ht.	Multi-stem
	156	100%							
	87	43%	CI	Cornus sericea 'sant'	(Cornaceae / Cornus / Cornus sericea)		REDOSBIE DOGWOOD	36' Ht.	4' O.C.
	23	11%	HB	Hydrangea macrophylla 'Baltzer'	(Hydrangeaceae / Hydrangea / Hydrangea macrophylla)		ENDLESS SUMMER HYDRANGEA	24' Ht.	3' O.C.
	47	23%	VJ	Viburnum x juddii	(Adoxaceae / Viburnum / Viburnum x juddii)		JUDD VIBURNUM	36' Ht.	4' O.C.
	44	22%	WF	Weigela x 'Dark Horse'	(Caprifoliaceae / Weigela / Weigela florida)		DARK HORSE WEIGELA	24' Ht.	3' O.C.
Evergreen Shrubs	201	100%							
	113	94%	JK	Juniperus chinensis 'Kallay's Compact'	(Cupressaceae / Juniperus / Juniperus chinensis)		KALLAY'S COMPACT PFITZER JUNIPER	30' Wd.	4' O.C.
	7	6%	TM	Taxus x media 'Densiformis'	(Taxaceae / Taxus / Taxus x media)		DENSE YEW	30' Wd.	4' O.C.
	120	100%							
	7	100%	SH	Sporobolus heterolepis	(Poaceae / Sporobolus / Sporobolus heterolepis)		PRAIRIE DROPSEED	Mature Height = 24-36"	24" O.C.
	7	100%							
	56	57%	AB	Allium 'Summer Beauty'	(Amaryllidaceae / Allium / Allium x)		SUMMER BEAUTY ONION	18" O.C.	
	42	43%	HH	Hemerocallis 'Happy Returns'	(Asphodelaceae / Hemerocallis / Hemerocallis x)		HAPPY RETURNS DAYLILY	18" O.C.	
	98	100%							
	161.3			Shredded Hardwood Mulch				C.Y.	
	2,733			Sod				S.Y.	
	4.0			Turf Seed and Blanket				AC	
	1.3			Low Profile Prairie Seed Mix & Erosion Control Blanket				AC	
	0.3			Wet Meadow Seed Mix & Erosion Control Blanket				AC	
	1.0			Emergent Seed Mix				AC	
	5			Naturalized Area Sign				EA	
Landscape Data Table: CTEs Provided									
	CTE Value		Count Provided		Total CTEs Provided				
Canopy Trees	1		191		191				
Evergreen Trees	1/3		137		46				
Understory Trees	1/3		156		52				
Deciduous Shrubs	1/20		201		10				
Evergreen Shrubs	1/20		120		6				
	Total:		805		305				

TOWNHOME FOUNDATION PLANTINGS EXCLUDED FROM OVERALL PLANT LIST
SEE SHEET 4 FOR FOUNDATION PLANTINGS

03	05.20.2025
02	04.24.2025
01	03.21.2025

REVISIONS

DATE	11.11.2024
PROJECT NO.	DR2074
DRAWN	CLE
CHECKED	DHS
SHEET NO.	

CLIENT

D.R. HORTON
America's Builder
1750 E. GOLF ROAD, SUITE 925
SCHMIDT, ILLINOIS 60173
CIVIL ENGINEER

CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, ILLINOIS 60502

GRWA
GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197
www.grwa.com



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WHEATLAND CROSSING - PHASE 2A & 2B

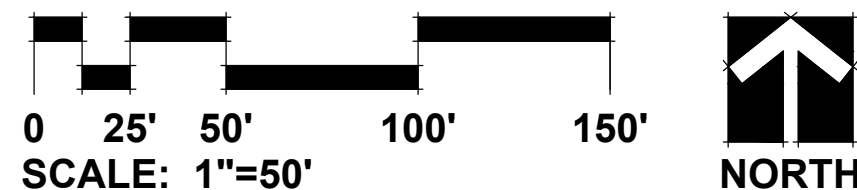
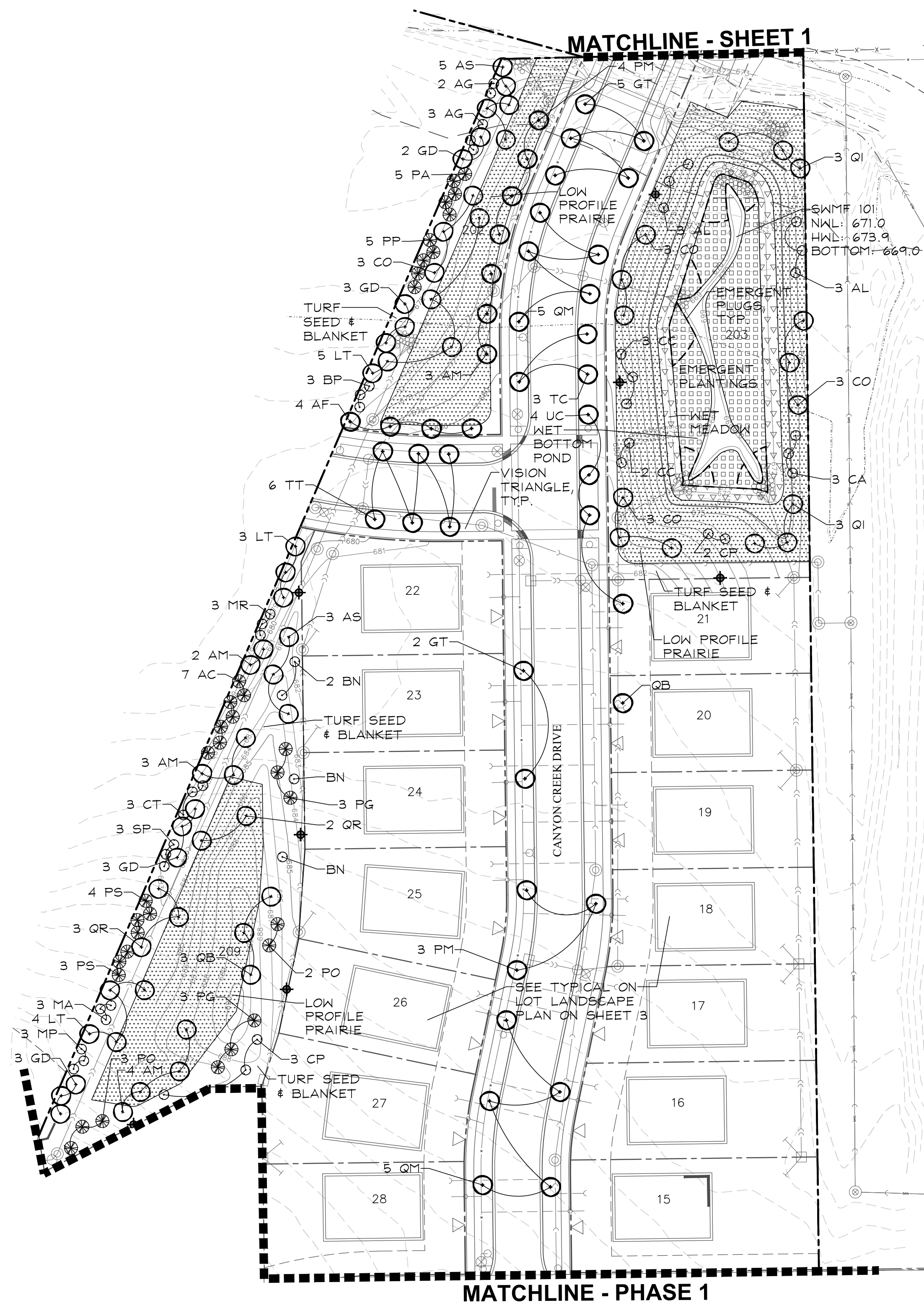
AURORA, ILLINOIS

LANDSCAPE PLAN - 2B

03	05.20.2025
02	04.24.2025
01	03.21.2025

REVISIONS

DATE 11.11.2024
PROJECT NO. DR2074
DRAWN CLE
CHECKED DHS
SHEET NO.

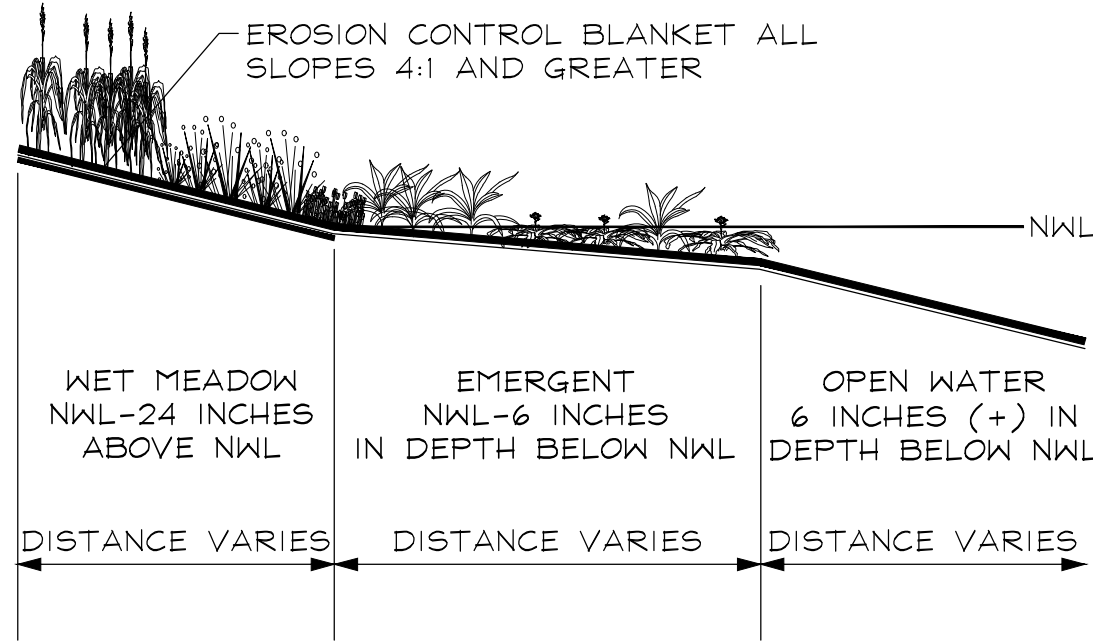


Landscape Data Table: Planting Material Key	
Note: Symbols are blackline for proposed grayscale for existing	
Canopy Trees (minimum size 2.5 caliper) Count:	111
Evergreen Trees (minimum size 6 feet) Count:	35
Understory Trees (minimum size 2.5 caliper or 8 feet if multi-stemmed) Count:	46
Evergreen Shrubs (minimum of 18 inches) Count:	0
Deciduous Shrubs (minimum of 18 inches) Count:	0
Ornamental Grasses Count:	0
Perennials Count:	0
Annuals Count:	0
Groundcover Square Footage:	0
Turf (Seeded) Square Footage:	29,861 S.F.
Turf (Sod) Square Footage:	18,467 S.F.
Native Prairie Planting Square Footage:	35,002 S.F.
Native Wetland Planting Square Footage:	11,682 S.F.

Landscape Implementation Data Table: Plant List by Category - Phase 2B							
	QTY	Percent	SYM	BOTANICAL NAME (Family / Genus / Species)	COMMON NAME	SIZE	COMMENTS
Canopy Trees	4	4%	AF	Acer x freemanii 'Marmo' (Sapindaceae / Acer / Acer x freemanii)	MARMO FREEMAN MAPLE	2.5" Cal.	
	12	11%	AM	Acer miyabei 'Morton' (Sapindaceae / Acer / Acer miyabei)	STATE STREET MAPLE	2.5" Cal.	
	8	7%	AS	Acer x saccharum 'Green Mountain' (Sapindaceae / Acer / Acer saccharum)	GREEN MOUNTAIN SUGAR MAPLE	2.5" Cal.	
	12	11%	CO	Celtis occidentalis (Cannabaceae / Celtis / Celtis occidentalis)	COMMON HACKBERRY	2.5" Cal.	
	7	6%	GT	Gleditsia triacanthos v. inermis 'Skyline' (Fabaceae / Gleditsia / Gleditsia triacanthos v. inermis)	SKYLINE HONEYLOCUST	2.5" Cal.	
	11	10%	GD	Gymnocladus dioicus 'Espresso-JF' (Fabaceae / Gymnocladus / Gymnocladus dioicus)	ESPRESSO KENTUCKY COFFEETREE	2.5" Cal.	
	12	11%	LT	Liriodendron tulipifera (Magnoliaceae / Liriodendron / Liriodendron tulipifera)	TULIPTREE	2.5" Cal.	
	7	6%	PM	Platanus x acerifolia 'Morton Circle' (Platanaceae / Platanus / Platanus x acerifolia)	EXCLAMATION! LONDON PLANETREE	2.5" Cal.	
	4	4%	QB	Quercus bicolor (Fagaceae / Quercus / Quercus bicolor)	SWAMP WHITE OAK	2.5" Cal.	
	6	5%	QI	Quercus imbricaria (Fagaceae / Quercus / Quercus imbricaria)	SHINGLE OAK	2.5" Cal.	
	10	9%	QM	Quercus muehlenbergii (Fagaceae / Quercus / Quercus muehlenbergii)	CHINKAPIN OAK	2.5" Cal.	
	5	5%	QR	Quercus rubra (Fagaceae / Quercus / Quercus rubra)	RED OAK	2.5" Cal.	
	0	0%	TA	Tilia americana 'Redmond' (Malvaceae / Tilia / Tilia americana)	REDMOND AMERICAN LINDEN	2.5" Cal.	
	3	3%	TC	Tilia cordata 'Greenspire' (Malvaceae / Tilia / Tilia cordata)	GREENSPIRE LITTLELEAF LINDEN	2.5" Cal.	
	6	5%	TT	Tilia tomentosa 'Sterling' (Malvaceae / Tilia / Tilia tomentosa)	STERLING SILVER LINDEN	2.5" Cal.	
4	4%	UC	Ulmus carpinifolia 'New Horizon' (Ulmaceae / Ulmus / Ulmus carpinifolia)	NEW HORIZON SMOOTHLEAF ELM	2.5" Cal.		
Total:	111	100%					
Evergreen Trees	7	20%	AC	Abies concolor (Pinaceae / Abies / Abies concolor)	WHITE FIR	6' Ht.	
	5	14%	PA	Picea abies (Pinaceae / Picea / Picea abies)	NORWAY SPRUCE	6' Ht.	
	6	17%	PG	Picea glauca 'Densata' (Pinaceae / Picea / Picea glauca)	BLACK HILLS SPRUCE	6' Ht.	
	5	14%	PO	Picea omorika (Pinaceae / Picea / Picea omorika)	SERBIAN SPRUCE	6' Ht.	
	5	14%	PP	Picea pungens (Pinaceae / Picea / Picea pungens)	GREEN COLORADO SPRUCE	6' Ht.	
	7	20%	PS	Pinus strobus (Pinaceae / Pinus / Pinus strobus)	WHITE PINE	6' Ht.	
	0	0%	TO	Thuja occidentalis 'Nigra' (Cupressaceae / Thuja / Thuja occidentalis)	DARK GREEN AMERICAN ARBORVITAE	6' Ht.	
	Total:	35	100%				
	Understory Trees	6	13%	AL	Amelanchier laevis (Rosaceae / Amelanchier / Amelanchier laevis)	ALLEGHENY SERVICEBERRY	8' Ht.
5		11%	AG	Amelanchier x grandiflora (Rosaceae / Amelanchier / Amelanchier x grandiflora)	APPLE SERVICEBERRY	8' Ht.	Multi-stem
4		9%	BN	Betula nigra 'Cully' (Betulaceae / Betula / Betula nigra)	HERITAGE RIVER BIRCH	8' Ht.	Multi-stem
3		7%	BP	Betula populifolia 'Whitespire' (Betulaceae / Betula / Betula populifolia)	WHITESPIRE GREY BIRCH	8' Ht.	Multi-stem
6		13%	CA	Carpinus caroliniana (Betulaceae / Carpinus / Carpinus caroliniana)	AMERICAN HORNBEAM	8' Ht.	Multi-stem
5		11%	CC	Cercis canadensis (Fabaceae / Cercis / Cercis canadensis)	EASTERN REDBUD	8' Ht.	Multi-stem
2		4%	CP	Cornus alternifolia (Cornaceae / Cornus / Cornus alternifolia)	PAGODA DOGWOOD	8' Ht.	Multi-stem
0		0%	CM	Cornus mas (Cornaceae / Cornus / Cornus mas)	CORNELIANCHERRY DOGWOOD	8' Ht.	Multi-stem
3		7%	CT	Crataegus crusgalli var. inermis (Rosaceae / Crataegus / Crataegus crusgalli)	THORNLESS COCKSPUR HAWTHORN	2" Cal.	Single Stem
3		7%	MP	Malus 'Prairifire' (Rosaceae / Malus / Malus x)	PRAIRIFIRE CRABAPPLE	8' Ht.	Multi-stem
3		7%	MA	Malus 'Purple Prince' (Rosaceae / Malus / Malus x)	PURPLE PRINCE CRABAPPLE	8' Ht.	Multi-stem
3		7%	MR	Malus 'Red Jewel' (Rosaceae / Malus / Malus x)	RED JEWEL CRABAPPLE	8' Ht.	Multi-stem
3		7%	SP	Syringa pekinensis 'Morton' (Oleaceae / Syringa / Syringa pekinensis)	CHINA SNOW PEKING LILAC	8' Ht.	Multi-stem
Total:	46	100%					
Misc. Materials	51			Shredded Hardwood Mulch		C.Y.	
	2,052			Sod		S.Y.	
	0.7			Turf Seed and Blanket		AC.	
	0.8			Low Profile Prairie Seed Mix & Erosion Control Blanket		AC.	
	0.1			Wet Meadow Seed Mix & Erosion Control Blanket		AC.	
	0.2			Emergent Seed Mix		AC.	
	7			Naturalized Area Sign		EA.	
Landscape Data Table: CTEs Provided							
	CTE Value	Count Provided	Total CTEs Provided				
Canopy Trees	1	111	111				
Evergreen Trees	1/3	35	12				
Understory Trees	1/3	46	15				
Deciduous Shrubs	1/20	0	0				
Evergreen Shrubs	1/20	0	0				
	Total:	192	138				



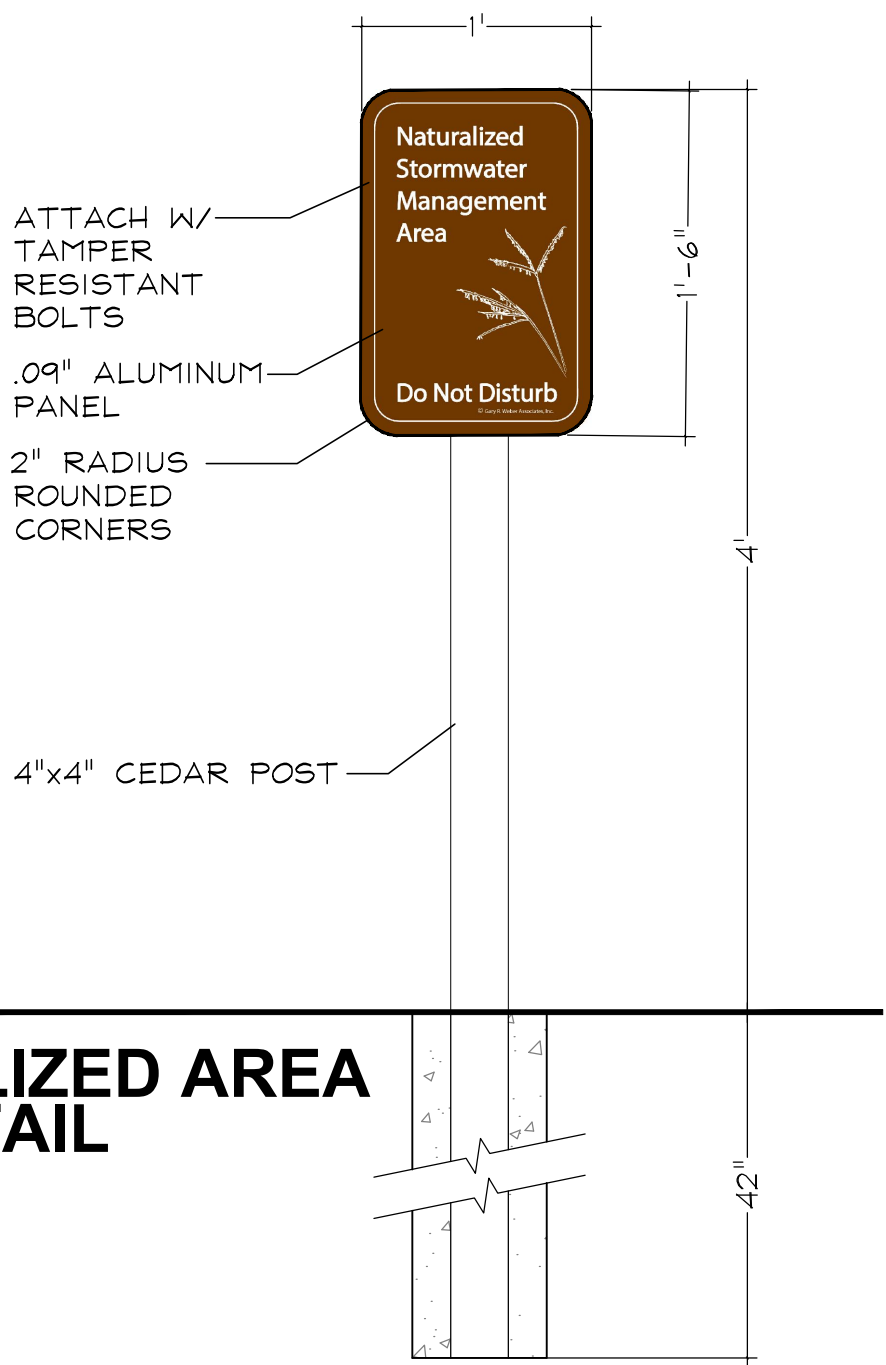
Know what's below. Call before you dig.



BMP PLANT COMMUNITY SECTION
NOT TO SCALE

SIGN NOTES:

- SIGN BACKGROUND COLOR:
C=40, M=70, Y=100, K=28
SIGN FONT AND GRAPHIC COLOR: WHITE
- FONT STYLE: MYRIAD PRO
FONT SIZE: 116 PT.
- SIGN ARTWORK SHALL BE PROVIDED BY
GARY R. WEBER ASSOCIATES, INC.
- CONTRACTOR TO SUBMIT SHOP DRAWING
AND COLOR SAMPLE FOR THE
STORMWATER MANAGEMENT AREA SIGN
FOR REVIEW AND APPROVAL BY THE
LANDSCAPE ARCHITECT PRIOR TO
FABRICATION AND INSTALLATION.



NATURALIZED AREA
SIGN DETAIL
NOT TO SCALE

NATIVE SEED MIXTURES

Temporary Cover Crop

Cover crops shall be installed in all planting areas containing dry mesic, mesic, and wet mesic soils to, stabilize soils, and combat weed pressure during the germination and establishment of the native seeding area.

Botanical Name	Common Name	lbs / AC
Spring Cover Crop		
<i>Avena sativa</i>	Seed Oats	30.000
Fall or Dormant Cover Crop		
<i>Triticum aestivum</i>	Regreen	10.000

Emergent Wetland Plant Mix

Stormwater basin bottoms in areas with 6" of water

Botanical Name	Common Name	lbs / AC	Plugs / AC.
<i>Acorus americanus</i>	Sweet Flag	0.500	494
<i>Alisma subcordatum</i>	Water Plantain	1.250	
<i>Iris virginica shrevei</i>	Blue Flag	0.500	494
<i>Juncus effusus</i>	Common Rush	0.500	
<i>Leersia oryzoides</i>	Rice Cut Grass	1.250	494
<i>Pontederia cordata</i>	Pickereel Weed	0.250	494
<i>Sagittaria latifolia</i>	Common Arrowhead	1.250	494
<i>Scirpus acutus</i>	Hardstem Bulrush	0.500	988
<i>Scirpus fluviatilis</i>	River Bulrush	1.000	494
<i>Scirpus pungens</i>	Chaimaker's Rush	0.250	
<i>Scirpus validus</i>	Great Bulrush	0.500	988
<i>Sparganium eurycarpum</i>	Bur Reed	1.000	494
Total Emergent Wetland Mix		8.750	5434

Wet Meadow Seed Mixture

Lower slopes of basin

Botanical Name	Common Name	lbs / AC
Grasses / Sedges		
<i>Carex bebbii</i>	Bebbs Oval Sedge	0.250
<i>Carex bicknellii</i>	Bicknells Sedge	0.125
<i>Carex brevior</i>	Plains Oval Sedge	0.250
<i>Carex cristatella</i>	Crested Oval Sedge	0.060
<i>Carex molesta</i>	Field Oval Sedge	0.250
<i>Carex normalis</i>	Spreading Oval Sedge	0.015
<i>Carex scorparia</i>	Pointed Broom Sedge	0.190
<i>Carex stipata</i>	Common Fox Sedge	0.060
<i>Carex vulpinoidea</i>	Brown Fox Sedge	0.250
<i>Elymus virginicus</i>	Virginia Wild Rye	3.000
<i>Glyceria striata</i>	Fowl Manna Grass	0.130
<i>Juncus dudleyi</i>	Dudleys Rush	0.020
<i>Juncus torreyi</i>	Torreys Rush	0.031
<i>Panicum virgatum</i>	Switch Grass	3.000
<i>Scirpus atrovirens</i>	Dark Green Bulrush	0.060
<i>Scirpus cyperinus</i>	Wool Grass	0.030
Total Grasses / Sedges		7.721

Wildflowers/Broadleaves

<i>Asclepias incarnata</i>	Swamp Milkweed	0.125
<i>Bidens cernua</i>	Nodding Bur Marigold	0.190
<i>Boltonia asteroides</i>	False Aster	0.031
<i>Chamaecrista fasciculata</i>	Partridge pea	0.188
<i>Euthamia graminifolia</i>	Grassleaved Goldenrod	0.300
<i>Eupatorium perfoliatum</i>	Common Boneset	0.015
<i>Helenium autumnale</i>	Sneezeweed	0.063
<i>Iris virginica shrevei</i>	Blue Flag Iris	1.000
<i>Lobelia siphilitica</i>	Great Blue Lobelia	0.031
<i>Mimulus ringens</i>	Monkey Flower	0.031
<i>Symphotrichum novae-angliae</i>	New England Aster	0.250
<i>Pycnanthemum virginianum</i>	Common Mountain Mint	0.063
<i>Rudbeckia fulgida var. sullivantii</i>	Showy Black-Eyed Susan	0.250
<i>Zizia aurea</i>	Golden Alexanders	0.500
Total Forbs		3.037

Total Wet Meadow Seed Mix

10.758

Low Profile Prairie with Flowers Seed Mix

Upper basin slopes

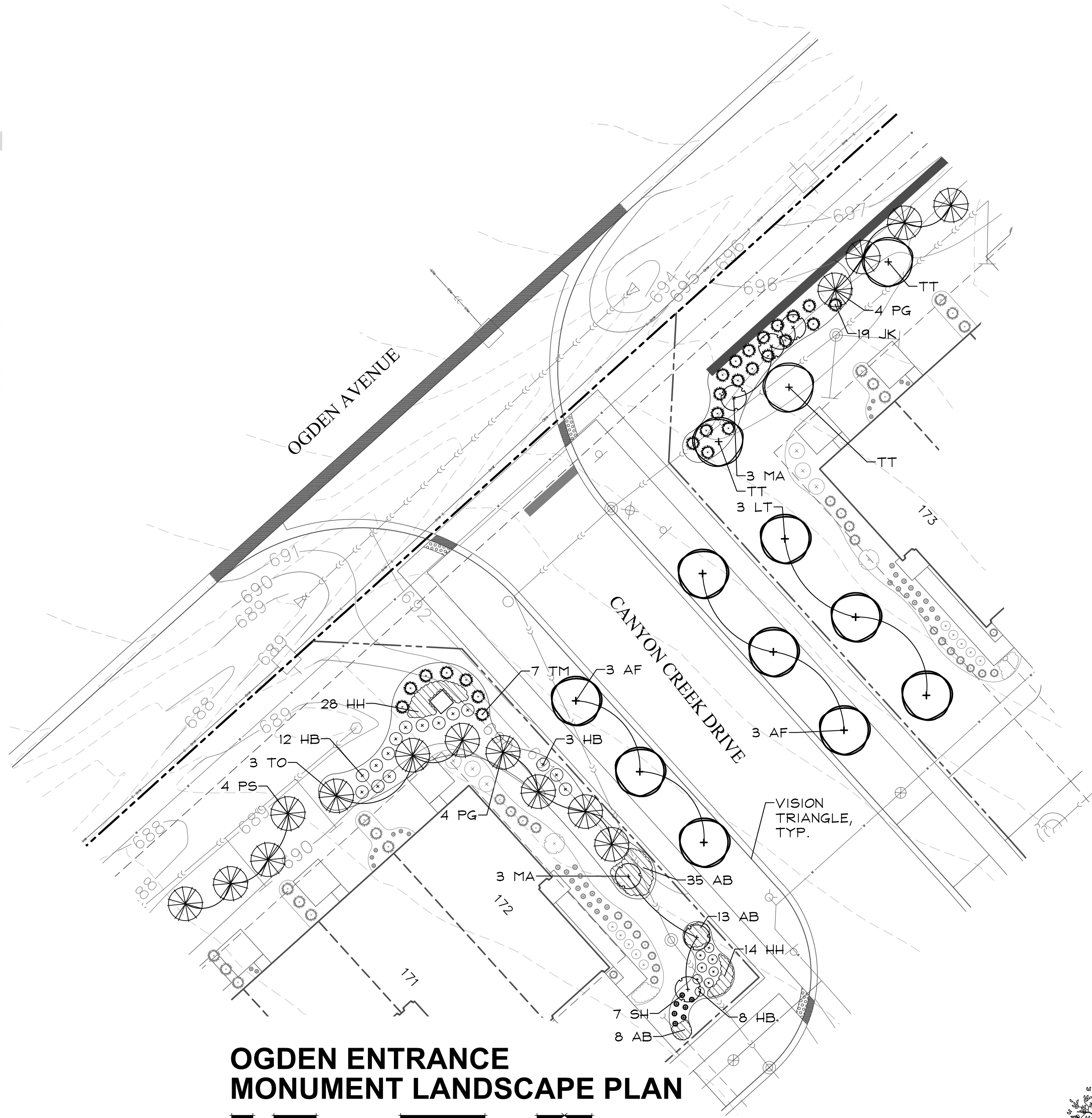
Botanical Name	Common Name	lbs / AC
Grasses		
<i>Bouteloua curtipendula</i>	Side Oats Grama	8.000
<i>Elymus canadensis</i>	Canda Wild Rye	2.000
<i>Elymus virginicus</i>	Virginia Wild Rye	2.000
<i>Panicum virgatum</i>	Switch Grass	2.000
<i>Schizachyrium scoparium</i>	Little Bluestem	6.000
Total Grasses		20.000

Wildflowers/Broadleaves

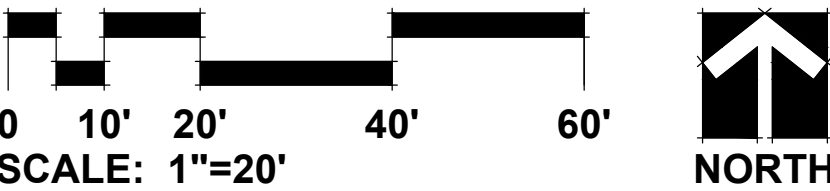
<i>Allium cernuum</i>	Nodding Wild Onion	0.190
<i>Amorpha canescens</i>	Lead Plant	0.125
<i>Asclepia canadensis</i>	Whorled Milkweed	0.063
<i>Asclepias tuberosa</i>	Butterflyweed	0.500
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.063
<i>Chamaecrista fasciculata</i>	Partridge Pea	1.000
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.250
<i>Echinacea pallida</i>	Pale Purple Coneflower	1.000
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.125
<i>Lespedeza capitata</i>	Round-Headed Bush Clover	0.125
<i>Liatris aspera</i>	Rough Blazing Star	0.250
<i>Liatris pycnostachya</i>	Prairie Blazing Star	0.188
<i>Monarda fistulosa</i>	Prairie Bergamot	1.000
<i>Parthenium integrifolium</i>	Wild Quinine	0.016
<i>Penstemon digitalis</i>	Foxglove Beard Tongue	0.250
<i>Petalostemum candidum</i>	White Prairie Clover	0.125
<i>Petalostemum purpureum</i>	Purple Prairie Clover	0.156
<i>Potentilla arguta</i>	Prairie Cinquefoil	0.031
<i>Pycnanthemum tenuifolium</i>	Slender Mountain Mint	0.031
<i>Ratibida pinnata</i>	Yellow Coneflower	0.125
<i>Rudbeckia fulgida var. sullivantii</i>	Showy Black-Eyed Susan	0.500
<i>Rudbeckia hirta</i>	Black-Eyed Susan	0.500
<i>Rudbeckia subtomentosa</i>	Sweet Black-Eyed Susan	0.063
<i>Symphotrichum laeve</i>	Smooth Blue Aster	0.063
<i>Tradescantia ohimensis</i>	Common Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vervain	0.125
<i>Zizia aurea</i>	Golden Alexanders	0.500
Total Forbs		7.927

Total Low Profile Prairie Seed Mix

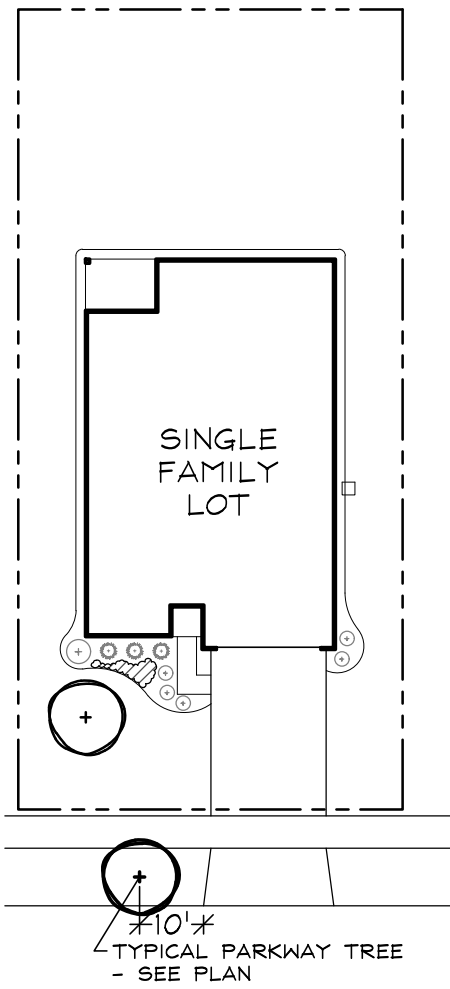
27.927



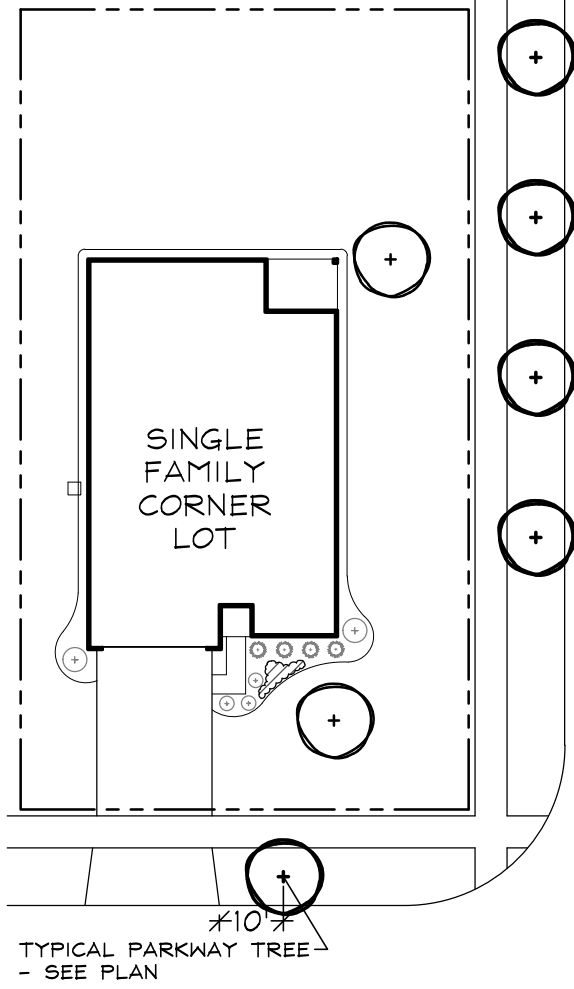
OGDEN ENTRANCE
MONUMENT LANDSCAPE PLAN



REQUIREMENT:
1 CANOPY
TREE PER LOT

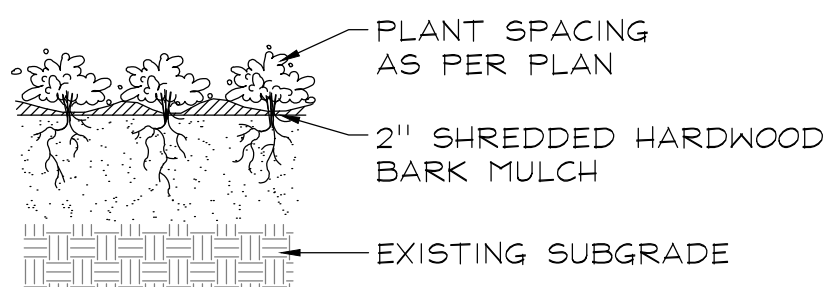


REQUIREMENT:
2 CANOPY
TREES PER
CORNER LOT

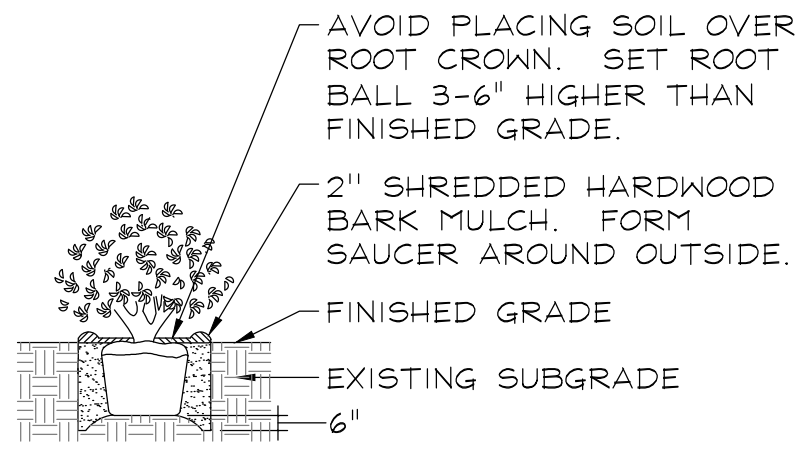


TYPICAL ON LOT LANDSCAPE PLAN
SCALE: 1"=30'

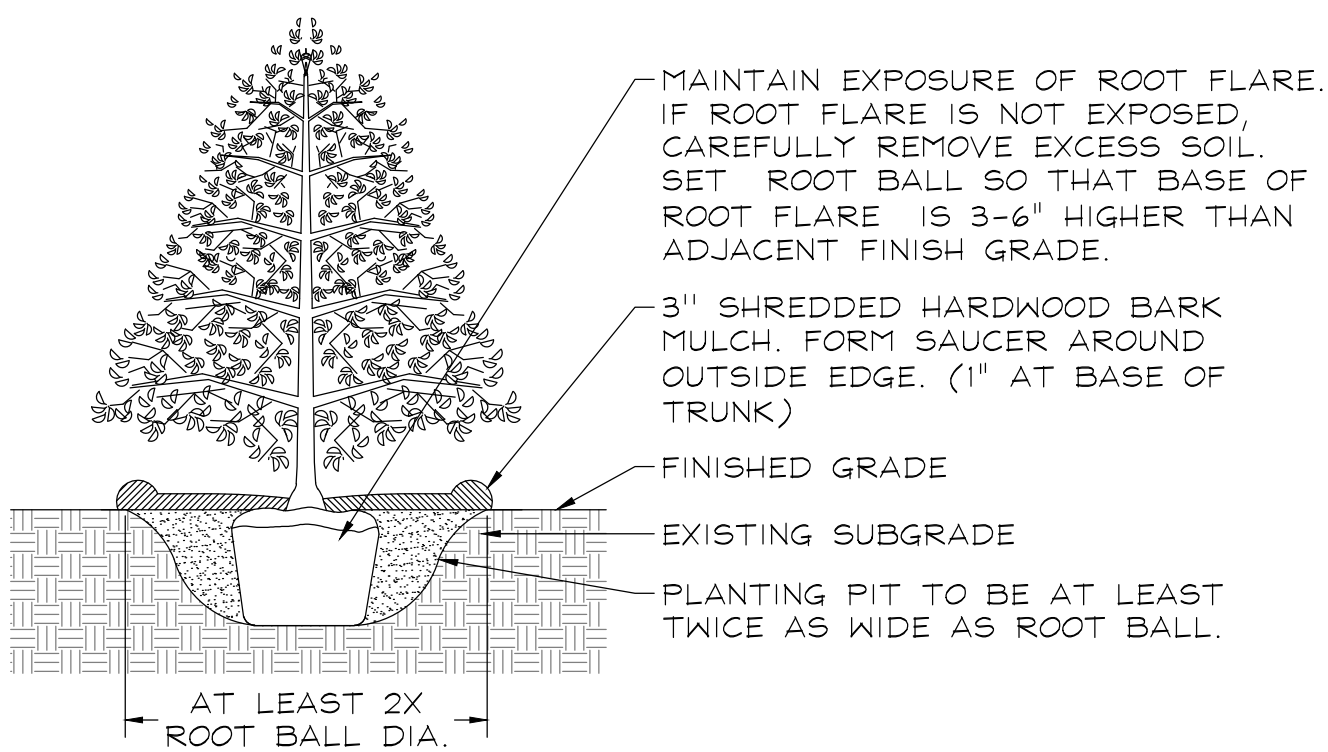
PLANTING DETAILS



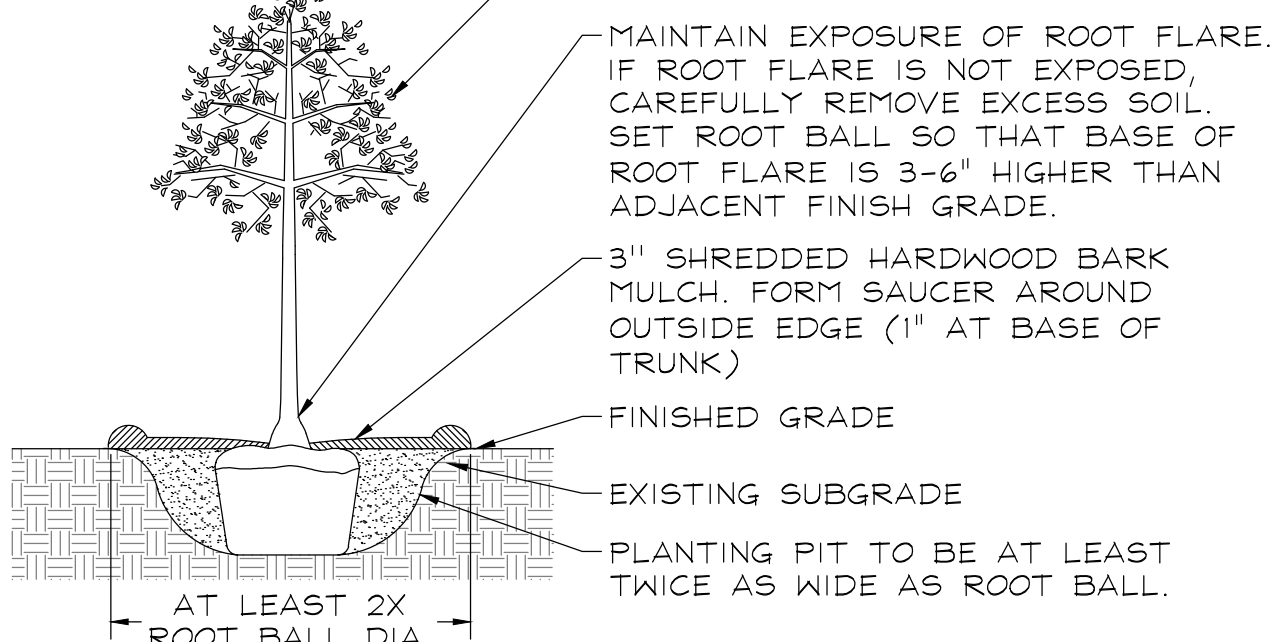
PERENNIALS AND GROUNDCOVERS
NOT TO SCALE



DECIDUOUS AND EVERGREEN SHRUBS
NOT TO SCALE



EVERGREEN TREES
NOT TO SCALE



DECIDUOUS TREES
NOT TO SCALE



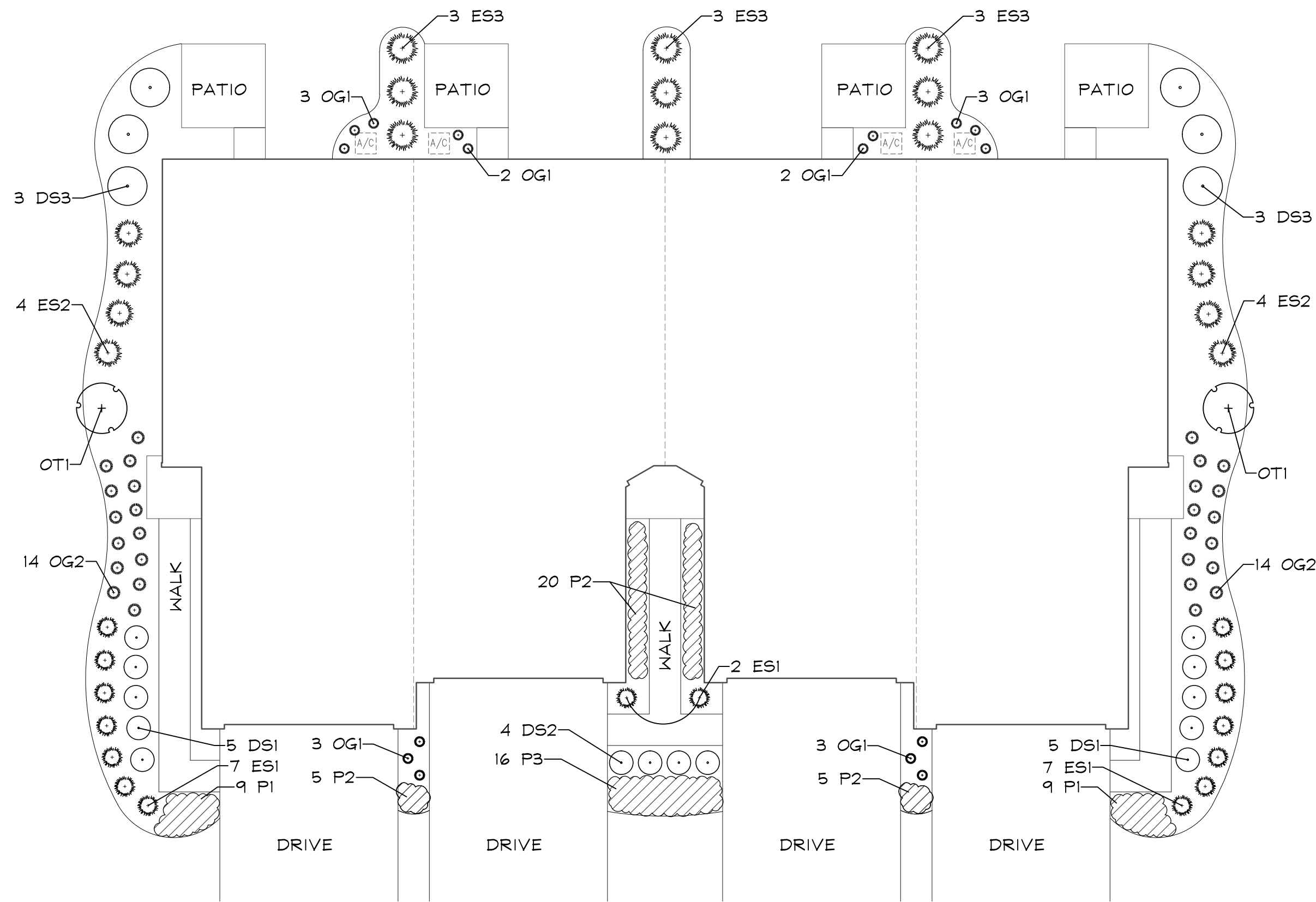
GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197
www.grwa-inc.com

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America's Builder
1750 E. GOLF ROAD, SUITE 925
SCHLAUBURG, ILLINOIS 60173
CIVIL ENGINEER
CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, ILLINOIS 60502

WHEATLAND CROSSING - PHASE 2A & 2B
AURORA, ILLINOIS
LANDSCAPE DETAILS

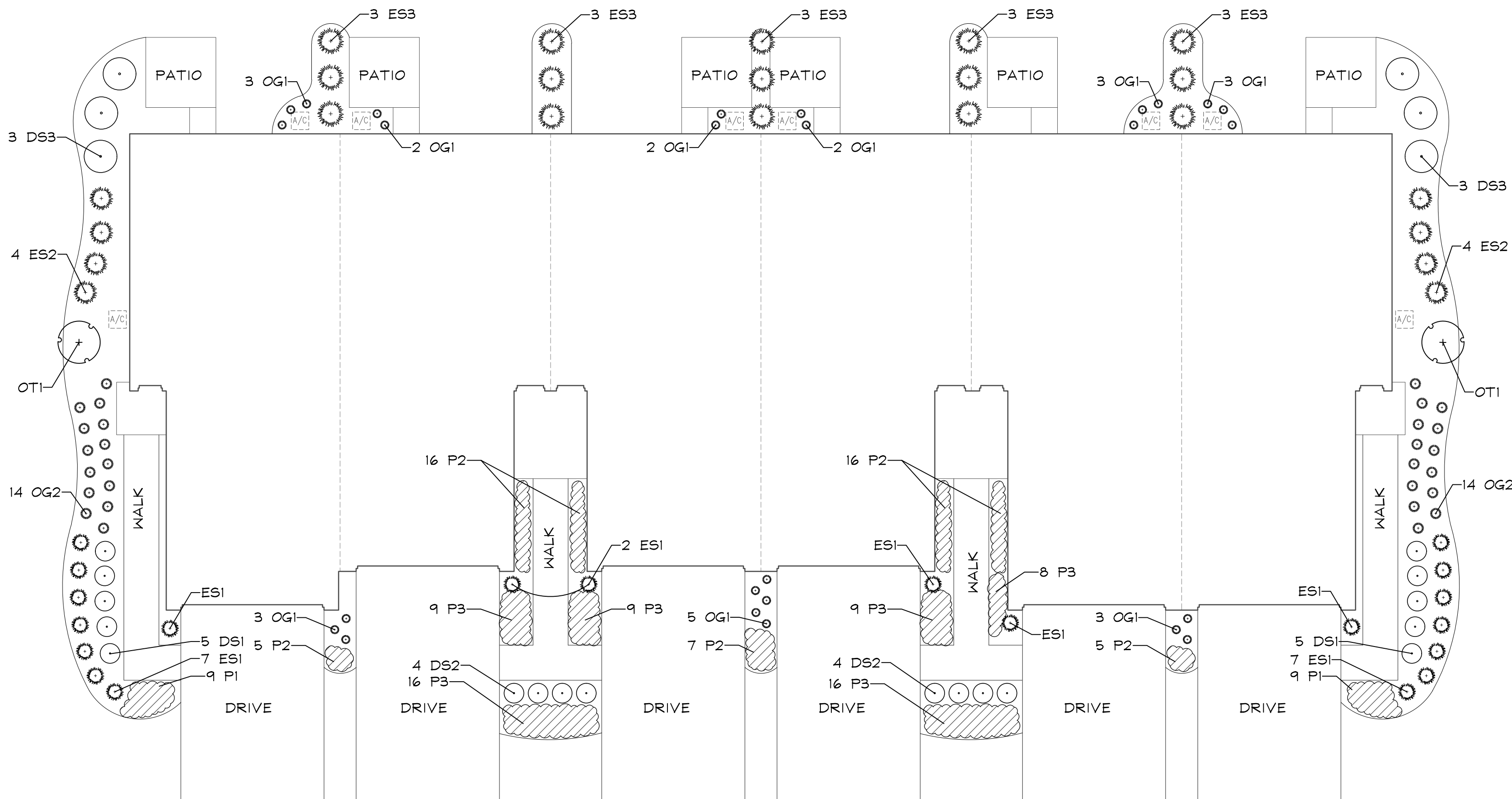
03	05.20.2025
02	04.24.2025
01	03.21.2025

DATE	11.11.2024
PROJECT NO.	DR2074
DRAWN	CLE
CHECKED	DHS
SHEET NO.	



TYPICAL FOUR UNIT FOUNDATION LANDSCAPE PLAN
SCALE: 1"=10'

4 UNIT FOUNDATION PLANTING :
± 301 LF EACH
LANDSCAPING REQUIRED: 3.0 C.T.E.
LANDSCAPING PROVIDED: 3.31 C.T.E.
2 ORNAMENTAL TREES
20 DECIDUOUS SHRUBS
33 EVERGREEN SHRUBS



TYPICAL SIX UNIT FOUNDATION LANDSCAPE PLAN
SCALE: 1"=10'

6 UNIT FOUNDATION PLANTING :
± 397 LF EACH
LANDSCAPING REQUIRED: 4.0 C.T.E.
LANDSCAPING PROVIDED: 4.02 C.T.E.
2 ORNAMENTAL TREES
24 DECIDUOUS SHRUBS
43 EVERGREEN SHRUBS

4 UNIT FOUNDATION PLAN PLANT LIST
BUILDINGS 87-89, 94

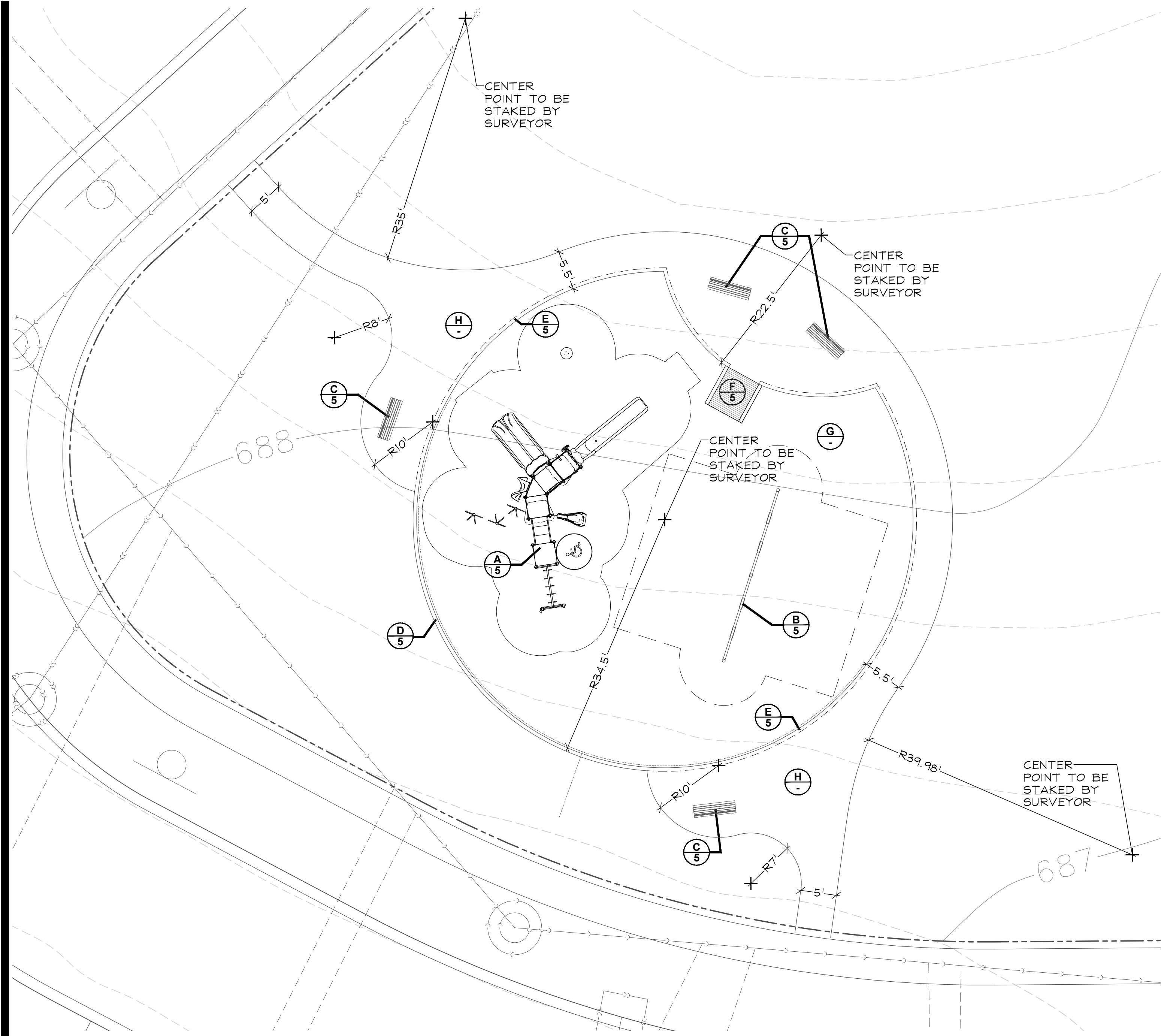
Key	Qty	Botanical/Common Name	Size	Remarks
ORNAMENTAL TREES				
OT1	2	Cornus mas 'Golden Glory' GOLDEN GLORY CORNELIANCHERRY DOGWOOD	5' Tall	
DECIDUOUS SHRUBS				
DS1	10	Cornus sericea 'Baileyi' BAILEY'S REDTWIG DOGWOOD	36" Tall	5' O.C.
DS2	4	Syringa meyeri 'Palibin' DWARF KOREAN LILAC	24" Tall	4' O.C.
DS3	6	Viburnum 'Juddii' JUDD VIBURNUM	36" Tall	5' O.C.
EVERGREEN SHRUBS				
ES1	16	Juniperus sabinia 'Blue Forest' BLUE FOREST JUNIPER	24" Wide	4' O.C.
ES2	8	Taxus x media 'Densiflormis' DENSE YEW	24" Wide	4' O.C.
ET1	9	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	5' Tall	
PERENNIALS AND ORNAMENTAL GRASSES				
PI	18	Hemerocallis 'Happy Returns' HAPPY RETURNS DAYLILY	#1	18" O.C.
P2	30	Hosta 'Patriot' PATRIOT HOSTA	#1	18" O.C.
P3	16	Heuchera 'Palace Purple' PALACE PURPLE CORAL BELLS	#1	18" O.C.
OG1	6	Calamagrostis acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	24" O.C.
OG2	28	Pennisetum alopecuroides 'Horneln' DWARF FOUNTAIN GRASS	#1	24" O.C.
MISC. MATERIALS				
	10	SHREDDED HARDWOOD MULCH	C.Y.	

4 UNIT FOUNDATION PLAN PLANT LIST
BUILDINGS 91, 95-97

Key	Qty	Botanical/Common Name	Size	Remarks
ORNAMENTAL TREES				
OT1	2	Malus x 'Red Jewel' RED JEWEL CRABAPPLE	5' Tall	
DECIDUOUS SHRUBS				
DS1	10	Hydrangea paniculata 'Bulk' QUICKFIRE HYDRANGEA	36" Tall	4' O.C.
DS2	4	Weigela x 'Dark Horse' DARK HORSE WEIGELA	24" Wide	4' O.C.
DS3	6	Viburnum dentatum ARROWWOOD VIBURNUM	36" Tall	5' O.C.
EVERGREEN SHRUBS				
ES1	16	Pinus mugo 'Sloumound' DWARF MOUNTAIN PINE	24" Wide	4' O.C.
ES2	8	Buxus 'Glencoe' CHICAGOLAND GREEN BOXWOOD	24" Wide	4' O.C.
ET1	9	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	5' Tall	
PERENNIALS AND ORNAMENTAL GRASSES				
PI	18	Liriope muscari 'Big Blue' BIG BLUE LILYTURF	#1	18" O.C.
P2	30	Sedum 'Autumn Joy' AUTUMN JOY SEDUM	#1	18" O.C.
P3	16	Achillea millefolium 'Balviolet' NEW VINTAGE VIOLET YARROW	#1	12" O.C.
OG1	6	Miscanthus sinensis 'Purpurascens' PURPLE MAIDEN GRASS	#1	24" O.C.
OG2	28	Sporobolus heterolepis PRAIRIE DROPSEED	#1	18" O.C.
MISC. MATERIALS				
	10	SHREDDED HARDWOOD MULCH	C.Y.	

6 UNIT FOUNDATION PLAN PLANT LIST
BUILDINGS 90, 92-93

Key	Qty	Botanical/Common Name	Size	Remarks
ORNAMENTAL TREES				
OT1	2	Malus x 'Red Jewel' RED JEWEL CRABAPPLE	5' Tall	
DECIDUOUS SHRUBS				
DS1	10	Hydrangea paniculata 'Bulk' QUICKFIRE HYDRANGEA	36" Tall	4' O.C.
DS2	8	Weigela x 'Dark Horse' DARK HORSE WEIGELA	24" Wide	4' O.C.
DS3	6	Viburnum dentatum ARROWWOOD VIBURNUM	36" Tall	5' O.C.
EVERGREEN SHRUBS				
ES1	20	Pinus mugo 'Sloumound' DWARF MOUNTAIN PINE	24" Wide	4' O.C.
ES2	8	Buxus 'Glencoe' CHICAGOLAND GREEN BOXWOOD	24" Wide	4' O.C.
ET1	15	Thuja occidentalis 'Smaragd' EMERALD GREEN ARBORVITAE	5' Tall	
PERENNIALS AND ORNAMENTAL GRASSES				
PI	18	Liriope muscari 'Big Blue' BIG BLUE LILYTURF	#1	18" O.C.
P2	49	Sedum 'Autumn Joy' AUTUMN JOY SEDUM	#1	18" O.C.
P3	67	Achillea millefolium 'Balviolet' NEW VINTAGE VIOLET YARROW	#1	12" O.C.
OG1	11	Miscanthus sinensis 'Purpurascens' PURPLE MAIDEN GRASS	#1	24" O.C.
OG2	28	Sporobolus heterolepis PRAIRIE DROPSEED	#1	18" O.C.
MISC. MATERIALS				
	12	SHREDDED HARDWOOD MULCH	C.Y.	



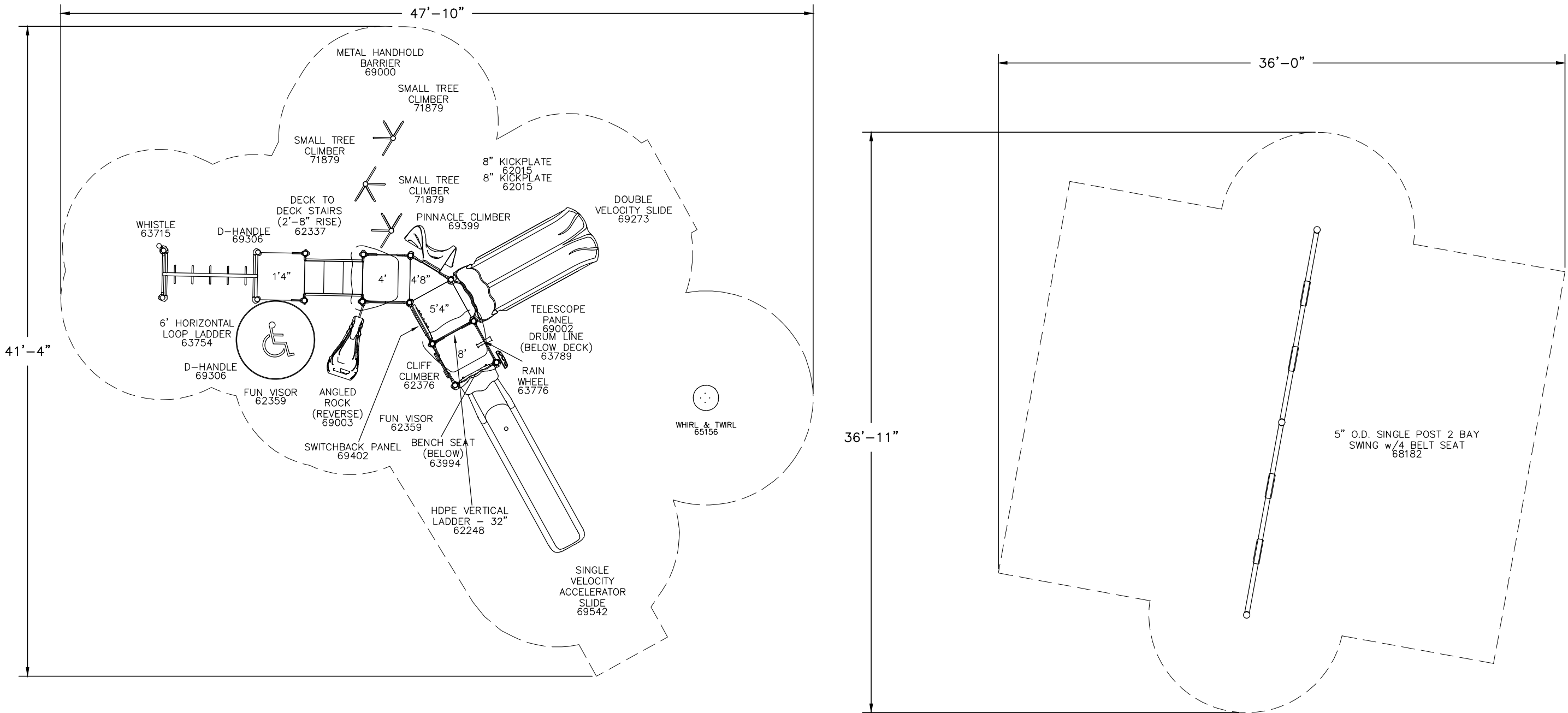
PLAYGROUND LAYOUT PLAN
0 5' 10' 20' 30'
SCALE: 1"=10' NORTH

PLAY EQUIPMENT & SITE FURNISHINGS SCHEDULE

ITEM	MODEL	MANUFACTURER	QUANTITY	COMMENTS/CONTACT
<div>A5</div> PLAY STRUCTURE	QUOTE # 880-153896	PLAY & PARK STRUCTURES	1	LARSON COMPANY (847)-705-0460 COLOR: TBD
<div>B5</div> SWING SET	QUOTE # 800-153898	PLAY & PARK STRUCTURES	1	LARSON COMPANY (847)-705-0460 COLOR: TBD
<div>C5</div> 6' BENCH	RENDEZVOUS L1360	ANOVA	4	COLOR: BLACK
<div>D5</div> CONCRETE CURB			57 L.F.	
<div>E5</div> THICKENED EDGE			163 L.F.	
<div>F5</div> CONCRETE RAMP			1	
<div>G5</div> SAFETY MULCH			3,470 S.F.	
<div>H5</div> CONCRETE BENCH PADS & WALK			1,830 S.F.	

PLAY LOT GENERAL NOTES:

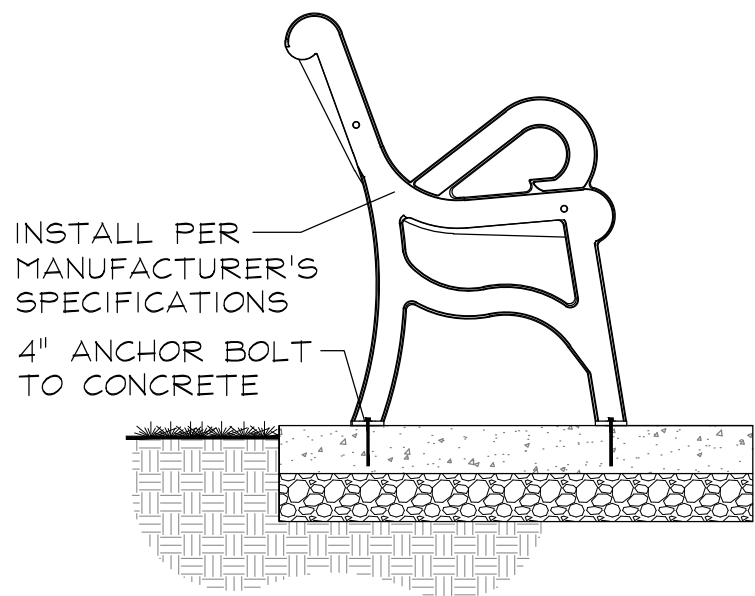
- CONCRETE WALK. SCORE WALK IN 5' MODULES OR AS SHOWN AND PROVIDE 1/2" EXPANSION JOINTS AT 30' INTERVALS OR AS SHOWN.
- CONCRETE WALK. EXCAVATE TO SUBGRADES INDICATED AND INSTALL NEW CONC. PITCH WALKWAY AT A MIN. 2% IN THE DIRECTION OF THE DRAINAGE PATTERN SHOWN. BACKFILL WALK WITH TOPSOIL & BLEND INTO SURROUNDING GRADE.
- ALL CONCRETE CURVES SHALL BE SMOOTH AND CONTINUOUS AS SHOWN IN THE DRAWINGS. SHARP BENDS OR KINKS IN THE PAVEMENT SHALL BE REMOVED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- DASHED LINE AROUND APPARATUS COMPONENTS AND INDEPENDENT PLAY COMPONENTS REPRESENTS THE MINIMUM REQUIRED SAFETY ZONE (USE ZONE) CLEARANCE OF 6'-0" UNLESS OTHERWISE NOTED.
- THE REQUIRED USE ZONE IN FRONT OF ALL SLIDE EXIT CHUTES SHALL EXTEND A MINIMUM DISTANCE OF THE HEIGHT OF THE SLIDE (ABOVE THE PLAYGROUND SURFACE) + 4'-0".
- FOR PLAY APPARATUS CLUSTERS AND INDEPENDENT PLAY COMPONENTS, SEE THE APPARATUS SCHEDULE FOR ITEM DESCRIPTIONS.
- CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITY LINES AND IS RESPONSIBLE FOR ANY DAMAGE.
- CONTRACTOR SHALL SURVEY AND LAYOUT SIDEWALK AND CURB.
- CONTRACTOR SHALL INSTALL TEMPORARY PROTECTION FENCING WHILE UNDER CONSTRUCTION
- CONTRACTOR SHALL GRADE AND EXCAVATE AREAS NECESSARY TO INSTALL THE HARDSCAPE AND PLAY EQUIPMENT AS DETAILED.
- CONTRACTOR SHALL GUARANTEE ALL CONCRETE FOR TWO YEARS.
- CONTRACTOR TO VERIFY POSITIVE DRAINAGE IN ALL AREAS WITHIN LIMITS OF WORK.



A5

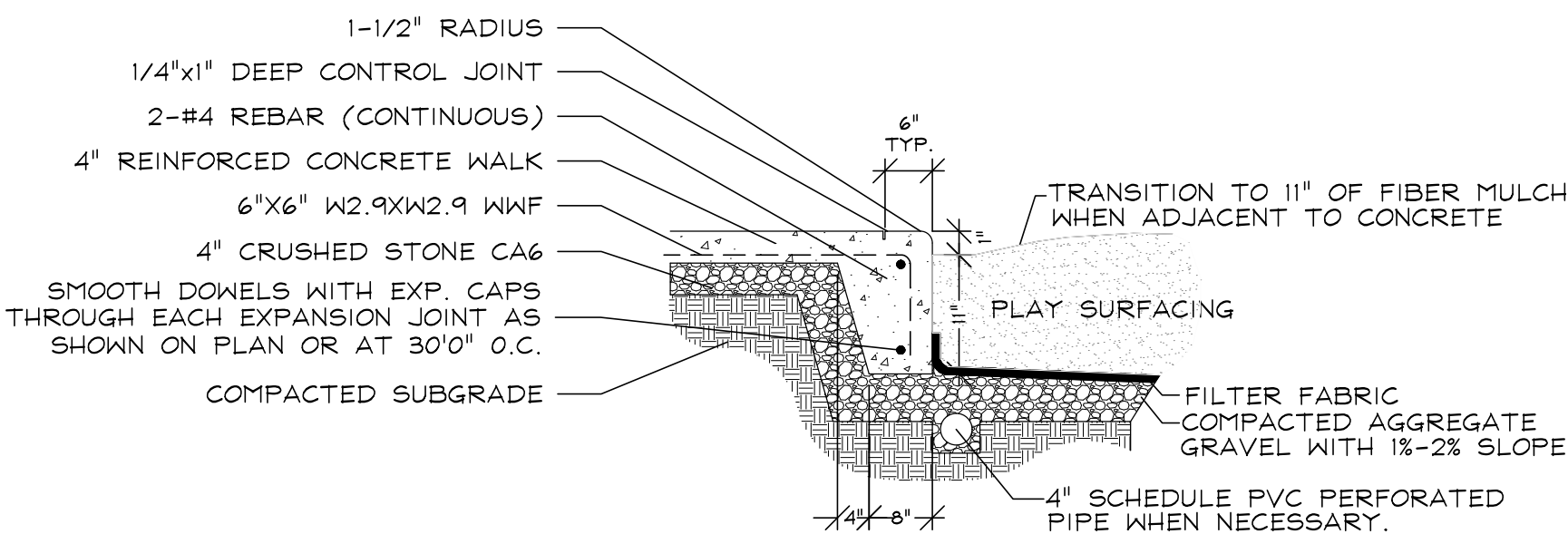
B5

 PLAY STRUCTURE & SWING SET
NTS



C5

 6' BENCH DETAIL
NTS

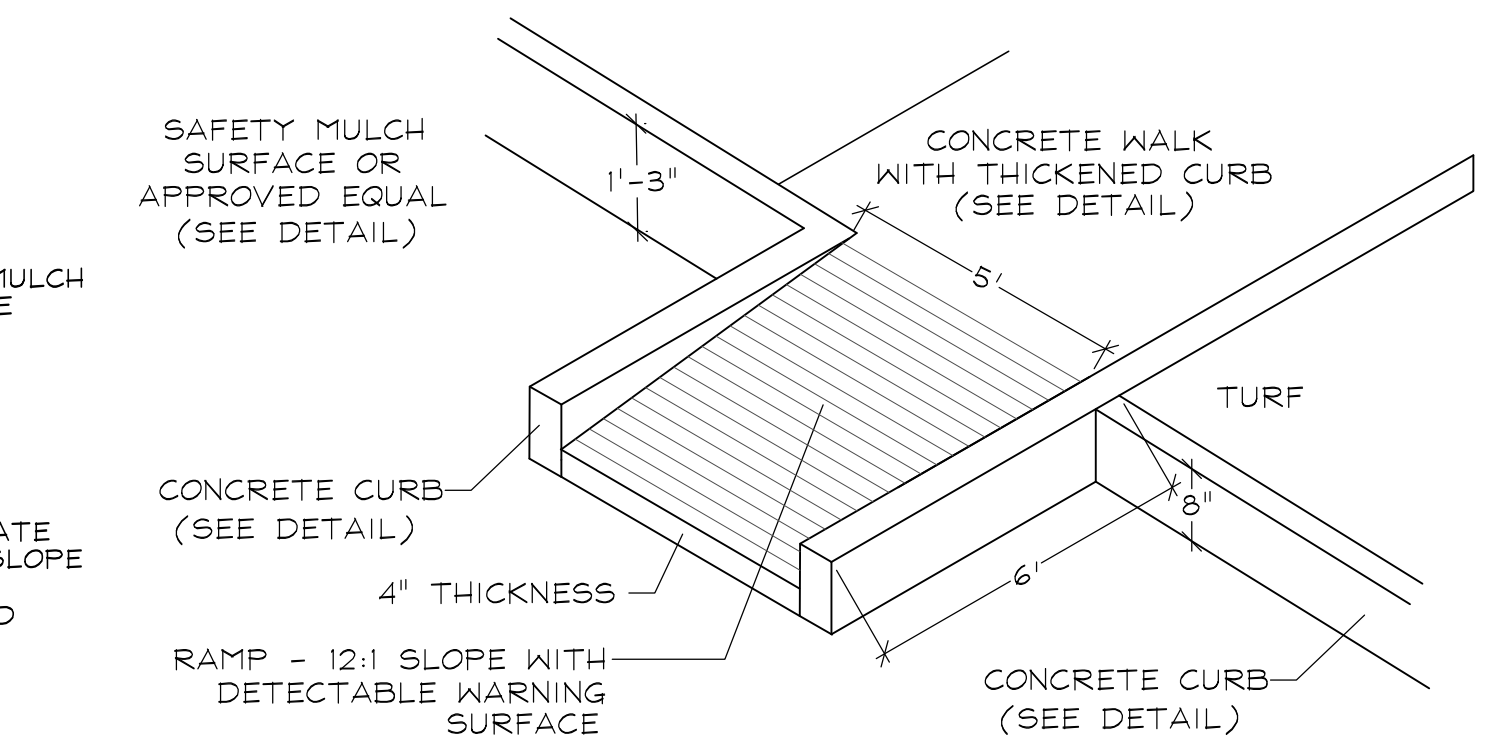


E5

 THICKENED EDGE DETAIL
NTS

D5

 CONCRETE CURB/SAFETY MULCH DETAIL
NTS



F5

 CONCRETE RAMP DETAIL
NTS

GR
WA

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ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
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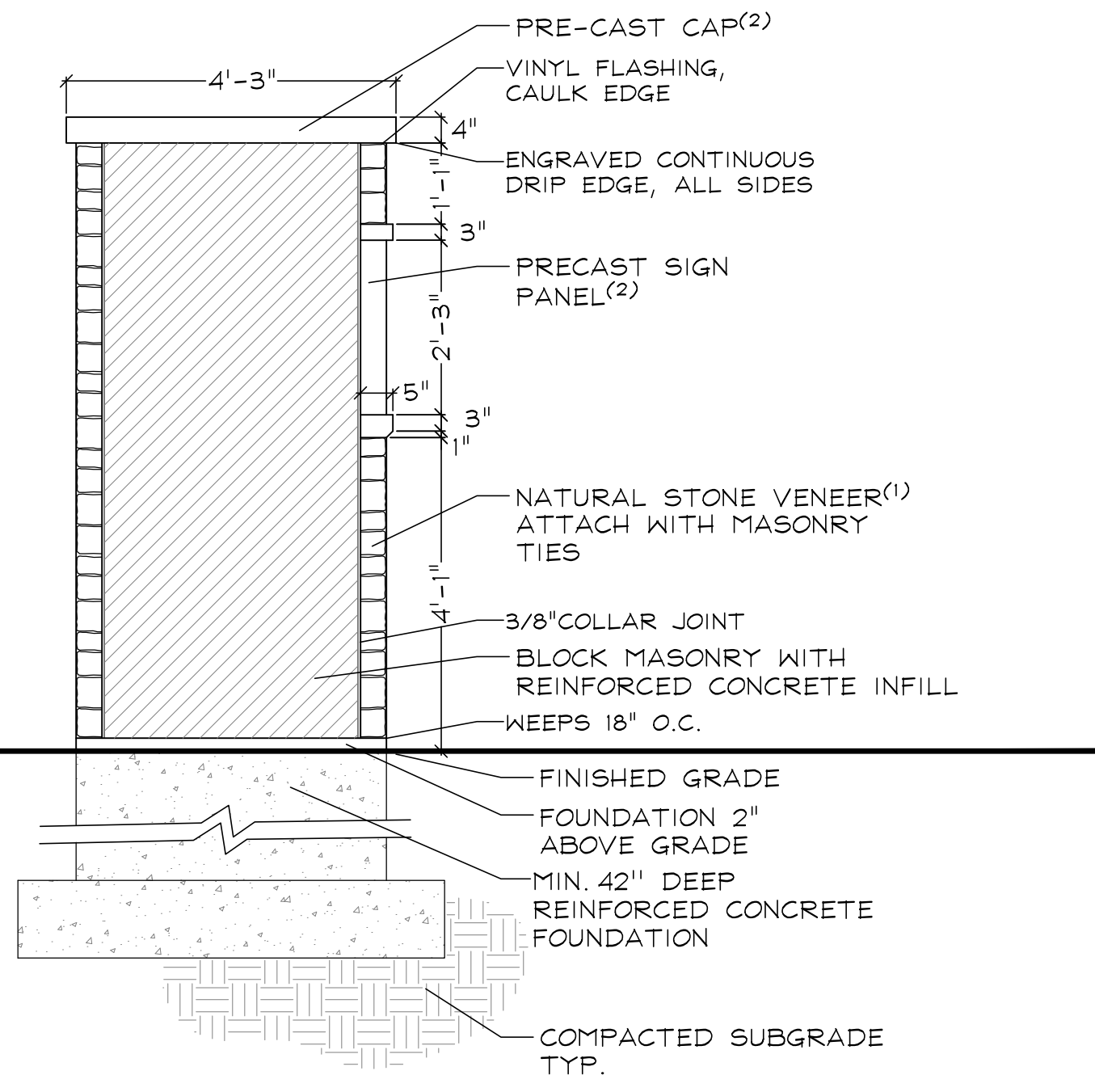
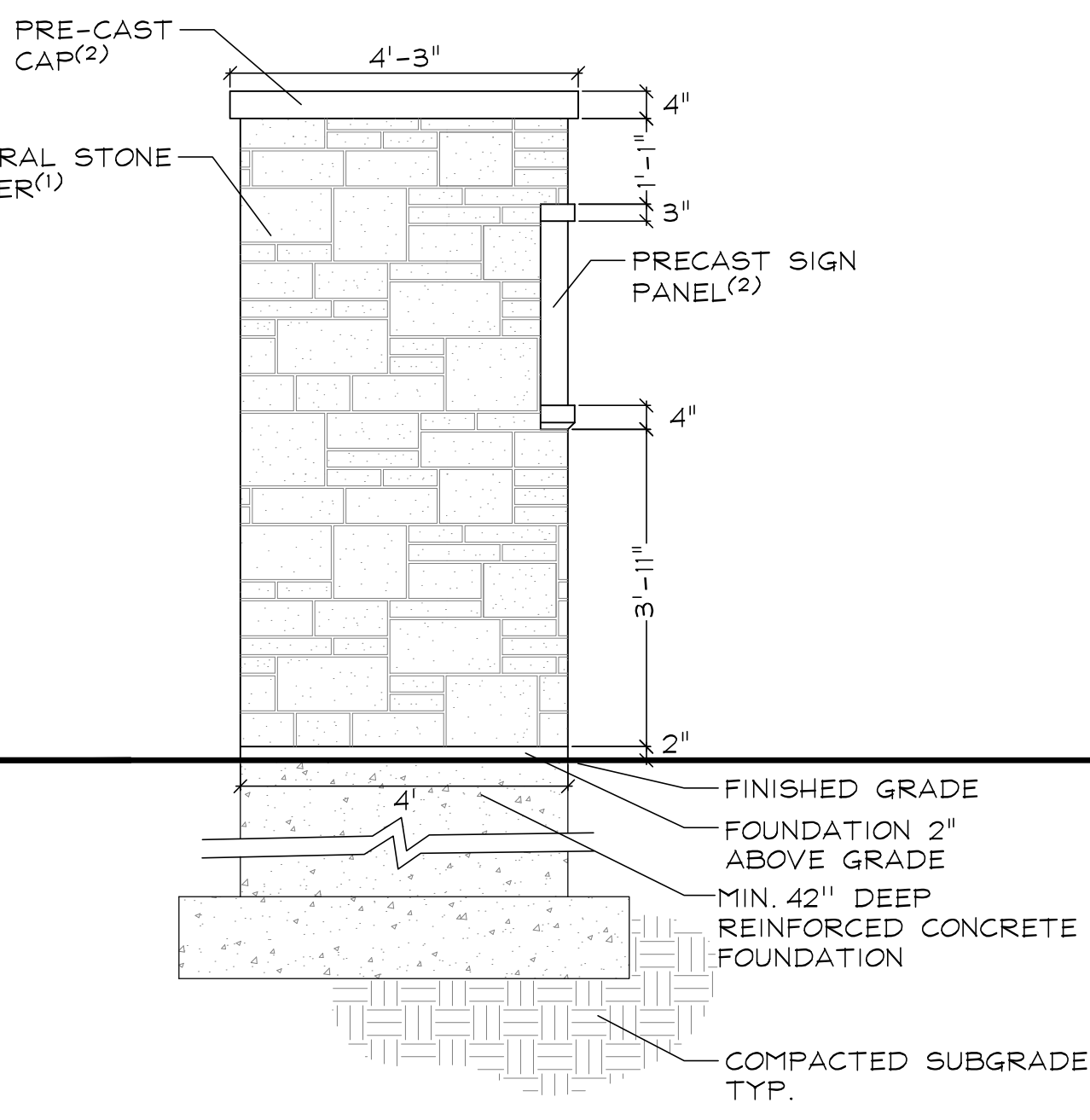
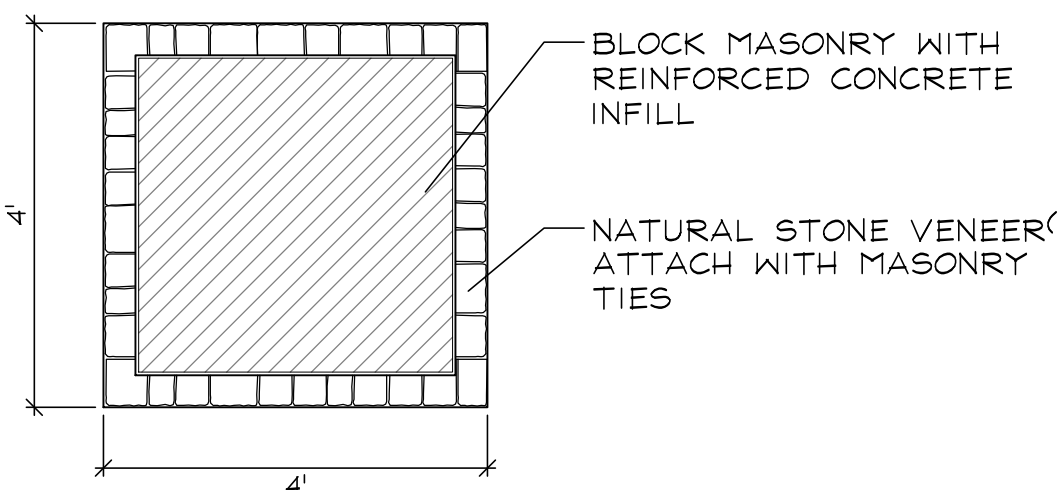
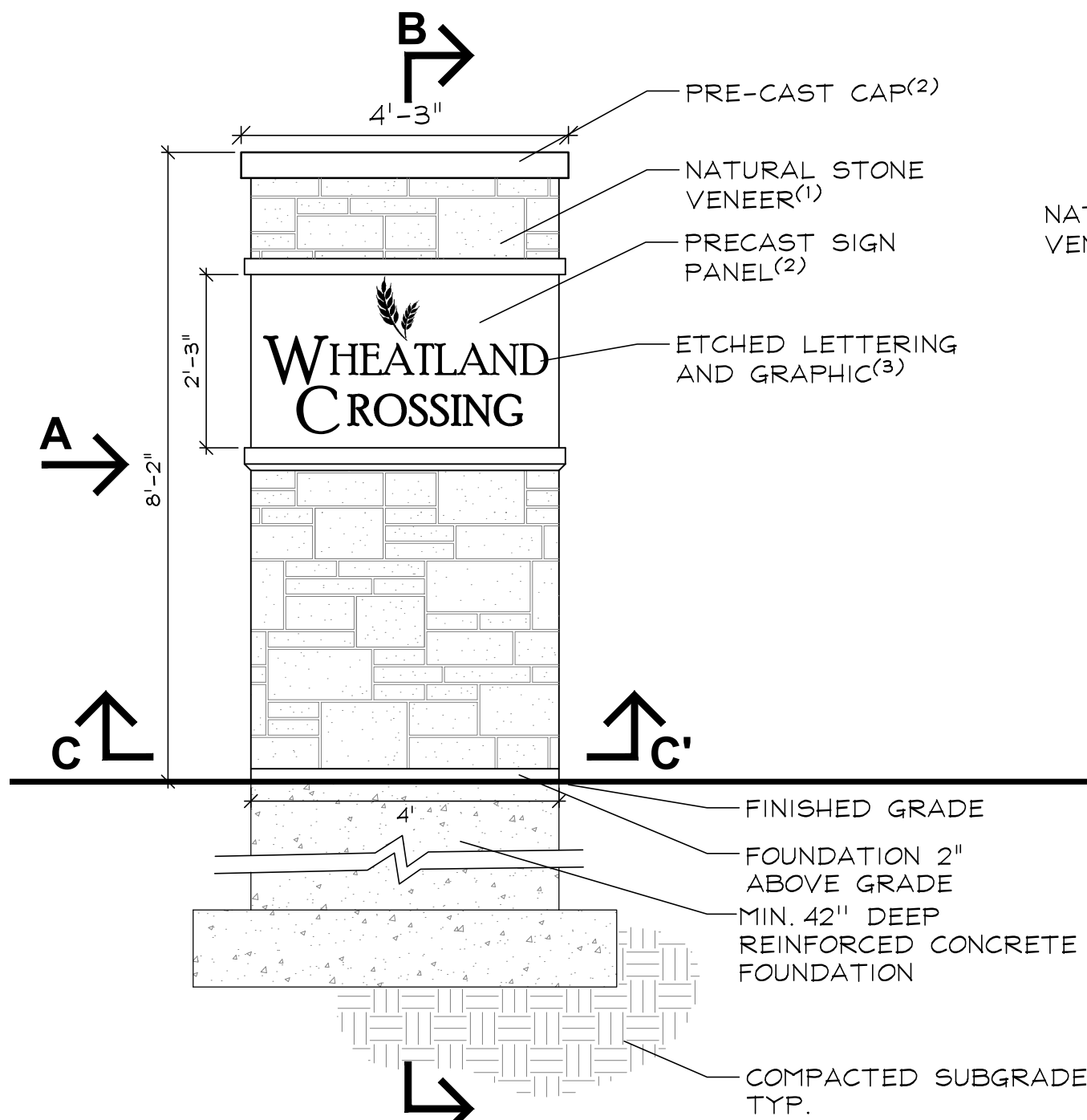
WHEATLAND CROSSING - PHASE 2A & 2B
AURORA, ILLINOIS

DETAIL PARK PLAN

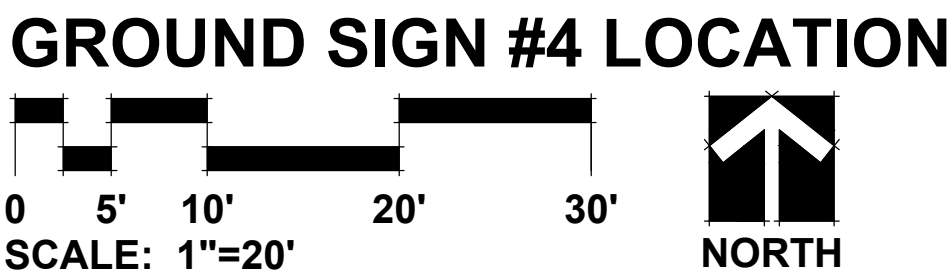
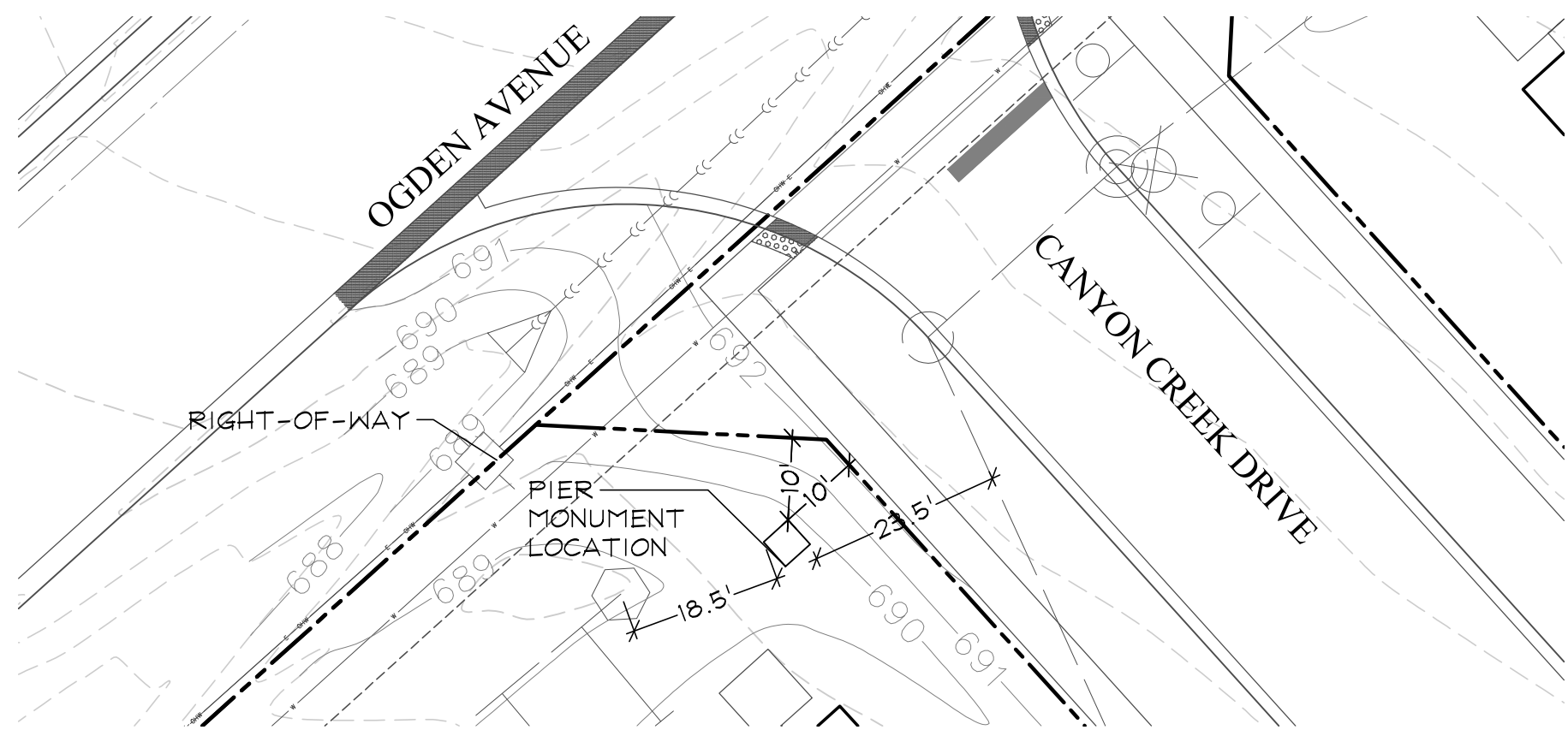
REVISIONS	
03	05.20.2025
02	04.24.2025
01	03.21.2025

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PROJECT NO.	DR2074
DRAWN	CLE
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Elevation Data Table: Ground Signage			
Ground Sign #	Description	Value	Unit
4	i) Length of street frontage - on which Sign is Located	1.318	Feet
	ii) Width of Sign Face	4	Feet
	iii) Height of Sign Face	2.25	Feet
	vi) Square Footage of Sign Face	9	Square Feet
	v) Height of Sign (overall)	8.17	Feet
	vi) Width of Sign (overall)	4	Feet
	vii) Type of Sign	Monument	
	viii) Type of Sign Base	Masonry	
	ix) Is there a Digital Display	No	



- (1) NATURAL STONE VENEER: BLACK FROST CASTLE ROCK BY BEUCHEL STONE CORP OR APPROVED EQUAL FULL VENEER SUBMIT SAMPLES TO DEVELOPER FOR APPROVAL
- (2) PRE-CAST CONCRETE COLOR: LIMESTONE PRECAST CAP: SMOOTH FACE TEXTURE SUBMIT SAMPLES OF COLOR AND TEXTURE TO DEVELOPER AND LANDSCAPE ARCHITECT FOR APPROVAL
- (3) SIGN LETTERING FONT: POOR RICHARD SURFACE APPLIED PANTONE 425C BLACK RETURNS CAPITAL LETTERS: 7 1/2" HEIGHT LOWER CASE LETTERS: 5" HEIGHT GRAPHIC TO BE ETCHED AND PAINTED REQUEST GRAPHIC FROM LANDSCAPE ARCHITECT



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ASSOCIATES, INC.
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PHONE: 630-668-7197
www.grwainc.com

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D.R. HORTON
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WHEATLAND CROSSING - PHASE 2A & 2B

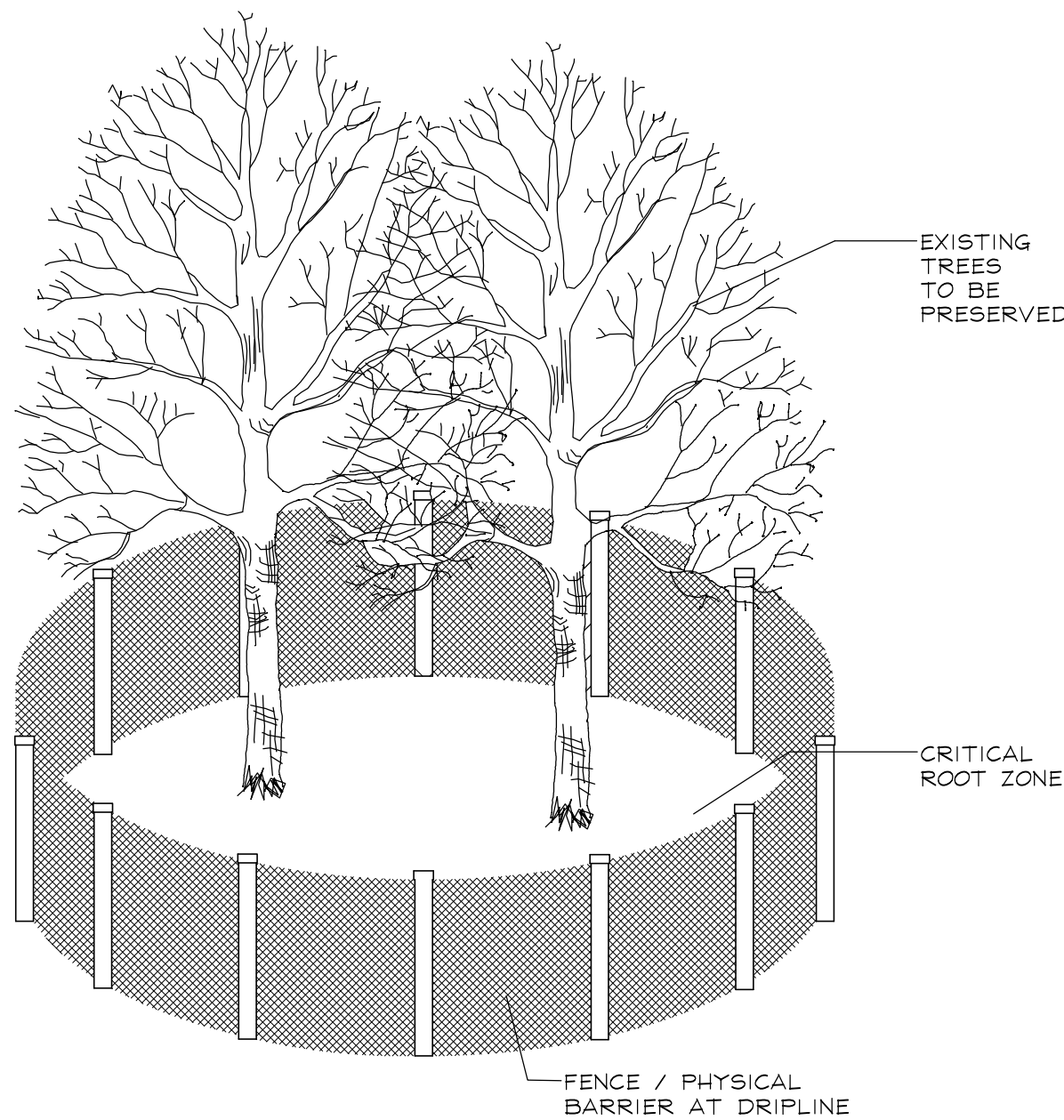
AURORA, ILLINOIS

MONUMENT DETAILS

03	05.20.2025
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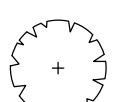
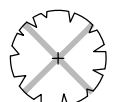
TREE PRESERVATION DETAIL

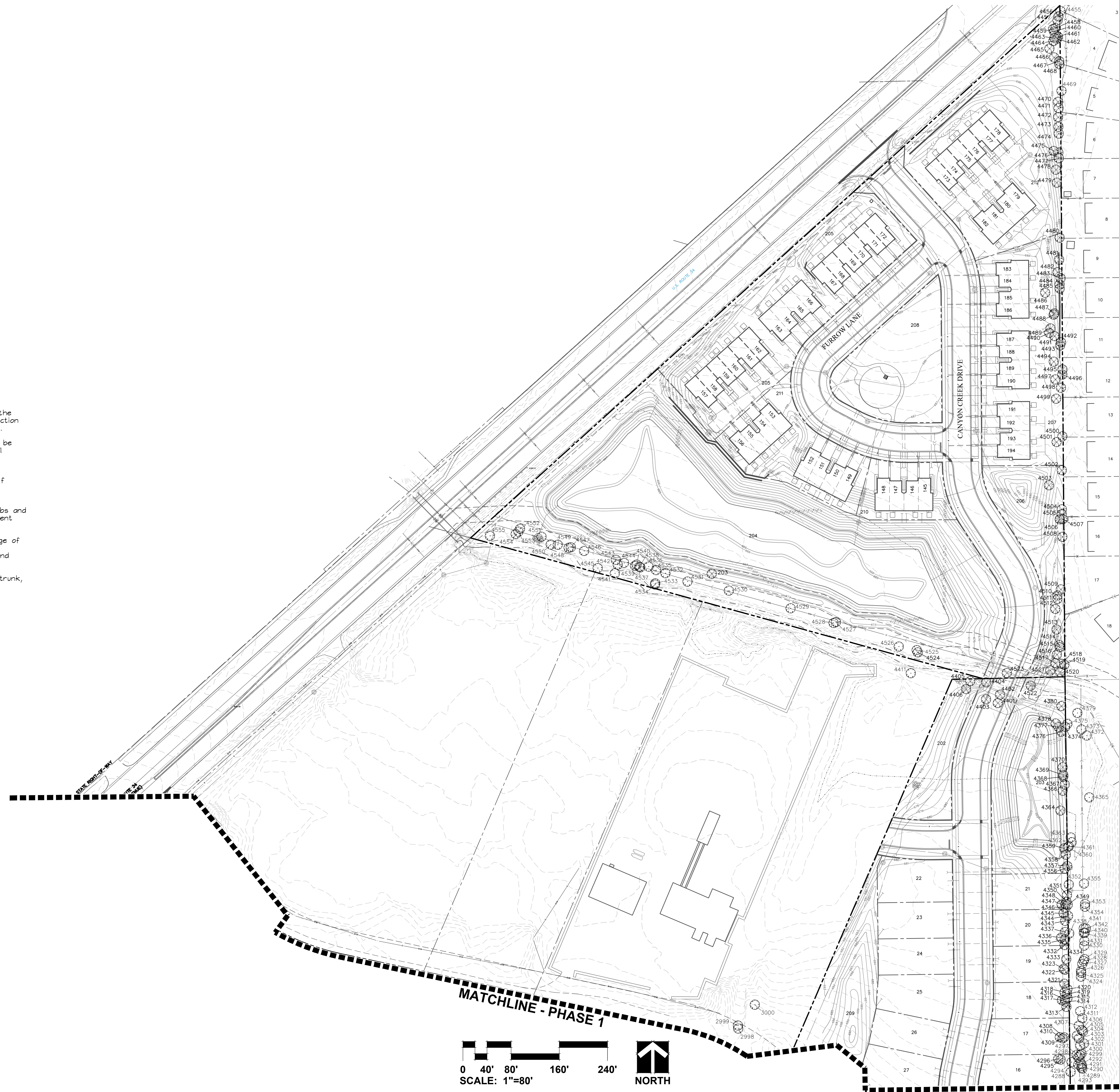
(NOT TO SCALE)
SEE NOTES

TREE PRESERVATION NOTES

1. 48" high snow fence or wood barriers shall extend to the dripline of the tree or tree mass whenever possible, shall be installed before construction begins, and should not be removed until the completion of construction.
2. All accidental damage to existing trees that are to be preserved shall be promptly treated as required in accordance with recognized horticultural practices and the instructions of the professional Arborist, Landscape Architect or Horticulturist.
3. Broken or badly bruised branches shall be removed with a clean cut. If recommended by the professional Arborist, Landscape Architect or Horticulturist.
4. Care shall be exercised by the contractors to protect all overhead limbs and branches from damage by contact with material, machinery or equipment and by damage from engine exhaust.
5. Contractors shall protect trees and vegetation against spills or discharge of fuels, lubricating oils, hydraulic fluids, anti-freeze and coolants, calcium chloride, lime and all other similar hydrocarbons, organic chemicals, and other materials which can be harmful.
6. When underground utilities are proposed within 5' of a preserved tree trunk, they must be augered if possible.

LEGEND

- 123  TREE TO BE PRESERVED
- 123  TREE TO BE REMOVED



TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	DESCRIPTION	RATING	NOTES	Remove or Preserve
4288	<i>Acer negundo</i>	Box Elder	10	Dead	6	Vines Only	Remove
4289	<i>Populus deltoides</i>	Eastern Cottonwood	10	Fair	3	Lean	Offsite
4290	<i>Morus alba</i>	White Mulberry	9	Fair	3	Lean	Offsite
4291	<i>Salix nigra</i>	Black Willow	8	Poor	4	Strong Lean	Offsite
4292	<i>Populus deltoides</i>	Eastern Cottonwood	10	Poor	4	Lean, Strong Crown Lean	Offsite
4293	<i>Populus deltoides</i>	Eastern Cottonwood	10	Fair	3	Slight Crown Lean	Offsite
4294	<i>Prunus serotina</i>	Black Cherry	13	Dead	6	Vines Only	Offsite
4295	<i>Morus alba</i>	White Mulberry	9, 9, 7, 7	Poor	4	50% Dead Branches, Split Risk, Lean	Remove
4296	<i>Morus alba</i>	White Mulberry	17, 17	Poor	4	Split Risk, 30% Dead Branches, Already Split	Remove
4297	<i>Acer saccharinum</i>	Silver Maple	8, 4	Fair	3	Split Risk, Lean	Offsite
4298	<i>Populus deltoides</i>	Eastern Cottonwood	12	Fair	3	Slight Lean	Offsite
4299	<i>Populus deltoides</i>	Eastern Cottonwood	14	Poor	4	Lean, Crown Lean, Healing Trunk Scar	Offsite
4300	<i>Acer saccharinum</i>	Silver Maple	12	Poor	4	Strong Lean, Crown Lean	Offsite
4301	<i>Acer saccharinum</i>	Silver Maple	10	Poor	4	Lean, Strong Crown Lean	Offsite
4302	<i>Populus deltoides</i>	Eastern Cottonwood	8, 8	Poor	4	Lean, Crown Lean, Split Risk	Offsite
4303	<i>Populus deltoides</i>	Eastern Cottonwood	11	Poor	4	Lean, Crown Lean	Offsite
4304	<i>Acer saccharinum</i>	Silver Maple	9, 8	Poor	4	Split Risk, Strong Lean	Offsite
4305	<i>Populus deltoides</i>	Eastern Cottonwood	9	Poor	4	Lean, Unbalanced	Offsite
4306	<i>Salix nigra</i>	Black Willow	8	Poor	4	Lean, Strong Crown Lean	Offsite
4307	<i>Salix nigra</i>	Black Willow	8	Poor	4	Lean, Crown Lean	Offsite
4308	<i>Morus alba</i>	White Mulberry	11, 10, 8, 6, 5	Poor	5	Split Risk, 60% Dead Branches, Lean, Peeling Bark	Remove
4309	<i>Prunus serotina</i>	Black Cherry	16	Dead	6	Vines	Remove
4310	<i>Morus alba</i>	White Mulberry	11	Poor	4	Lean, Strong Crown Lean, Vines	Remove
4311	<i>Acer saccharinum</i>	Silver Maple	10	Poor	4	Lean, High Up Split Risk	Offsite
4312	<i>Acer saccharinum</i>	Silver Maple	8, 4	Poor	4	Strong Lean, Crown Lean, Trunk Scar	Offsite
4313	<i>Morus alba</i>	White Mulberry	28	Poor	5	Strong Lean, Split Risk, Cavity, Already Split, 50% Dead Branches	Remove
4314	<i>Prunus serotina</i>	Black Cherry	16, 9, 7	Poor	4	Poor Dead, Strong Lean, Large Cavity	Remove
4315	<i>Malus spp?</i>	Crabapple?	15, 8, 4, 4	Poor	4	Unbalanced, Resprouts, 60% Dead, Cavity	Remove
4316	<i>Unknown</i>	Unknown	11	Dead	6		Remove
4317	<i>Morus alba</i>	White Mulberry	21	Poor	4	Lean, Strong Crown Lean, 30% Dead	Remove
4318	<i>Prunus serotina</i>	Black Cherry	25	Poor	4	Lean, Unbalanced, Missing Limb, Crown Lean	Remove
4319	<i>Morus alba</i>	White Mulberry	13	Poor	4	Lean, Strong Crown Lean, 30% Dead Branches	Remove
4320	<i>Morus alba</i>	White Mulberry	12	Poor	4	Cavity, Strong Lean, Broken Crown, Vines	Remove
4321	<i>Morus alba</i>	White Mulberry	16	Poor	4	Lean, Unbalanced, Crown Lean, 20% Dead Branches	Remove
4322	<i>Prunus serotina</i>	Black Cherry	13, 13, 8, 7	Poor	4	Strong Lean, Crown Lean, 10% Dead Branches, Split Risk	Remove
4323	<i>Morus alba</i>	White Mulberry	8, 8	Poor	4	Lean, Unbalanced, Split Risk	Offsite
4324	<i>Acer saccharinum</i>	Silver Maple	8	Poor	4	Lean, Strong Crown Lean	Offsite
4325	<i>Acer saccharinum</i>	Silver Maple	12	Poor	4	Lean, Strong Crown Lean, Unbalanced	Offsite
4326	<i>Acer saccharinum</i>	Silver Maple	13	Poor	4	Lean, Crown Lean, High up Split Risk	Offsite
4327	<i>Acer saccharinum</i>	Silver Maple	10, 8	Poor	4	Split Risk, Lean, 10% Dead Branches	Offsite
4328	<i>Acer saccharinum</i>	Silver Maple	6, 3, 2	Poor	4	Split Risk, Strong Lean, 10% Dead Branches	Offsite
4329	<i>Salix nigra</i>	Black Willow	14	Poor	4	Slight Lean, Crown Lean, 20% Dead Branches	Offsite
4330	<i>Acer saccharinum</i>	Silver Maple	12, 7, 6	Poor	4	Strong Crown Lean, Lean, Split Risk	Offsite
4331	<i>Acer saccharinum</i>	Silver Maple	13, 2	Poor	4	High up Split Risk, Lean	Offsite
4332	<i>Prunus serotina</i>	Black Cherry	19, 17, 17, 9	Poor	4	Split Risk, Strong Lean, 30% Dead Branches	Remove
4333	<i>Prunus serotina</i>	Black Cherry	11	Poor	4	Strong Lean, Strong Crown Lean, 60% Dead	Remove
4334	<i>Morus alba</i>	White Mulberry	8, 8, 6	Poor	4	Split Risk, Strong Crown Lean, 30% Dead Branches	Remove
4335	<i>Morus alba</i>	White Mulberry	11, 3	Poor	4	Strong Lean, High up Split Risk, 20% Dead Branches	Remove
4336	<i>Morus alba</i>	White Mulberry	12	Poor	4	Lean, Strong Crown Lean, 30% Dead Branches	Remove
4337	<i>Prunus serotina</i>	Black Cherry	8	Dead	6	Strong Lean, Strong Crown Lean, Vines	Remove
4338	<i>Morus alba</i>	White Mulberry	13, 12	Poor	5	80% Dead, Cavity at Base, Lean, Strong Crown Lean	Offsite
4339	<i>Populus deltoides</i>	Eastern Cottonwood	12	Poor	4	Lean, Crown Lean	Offsite
4340	<i>Salix nigra</i>	Black Willow	13	Poor	4	Strong Lean, 30% Dead Branches	Offsite
4341	<i>Salix nigra</i>	Black Willow	13	Poor	4	Lean, Strong Crown Lean, 30% Dead Branches	Offsite
4342	<i>Populus deltoides</i>	Eastern Cottonwood	15	Poor	4	Lean, Crown Lean, Unbalanced, 20% Dead Branches	Offsite
4343	<i>Prunus serotina</i>	Black Cherry	31	Poor	4	High up Split Risk, Lean, Unbalanced	Remove
4344	<i>Acer negundo</i>	Box Elder	9	Dead	6	90% Dead	Remove
4345	<i>Prunus serotina</i>	Black Cherry	24	Poor	4	High up Split Risk, Lean	Remove
4346	<i>Prunus serotina</i>	Black Cherry	27, 21	Poor	4	Strong Lean, Strong Crown Lean	Remove
4347	<i>Morus alba</i>	White Mulberry	8, 7, 6, 3, 3, 3	Poor	5	Split Risk, Already Split, Strong Lean	Remove
4348	<i>Prunus serotina</i>	Black Cherry	14	Poor	4	Strong Lean, Strong Crown Lean, 40% Dead Branches, Cavity	Remove
4349	<i>Morus alba</i>	White Mulberry	9, 9, 3	Poor	5	Split Risk, Strong Lean, 70% Dead, Strong Crown Lean	Remove
4350	<i>Morus alba</i>	White Mulberry	8, 2, 2	Poor	4	Lean, Strong Crown Lean, 60% Dead Branches	Remove
4351	<i>Morus alba</i>	White Mulberry	23	Poor	4	Strong Lean, Split Risk, 30% Dead Branches	Remove
4352	<i>Morus alba</i>	White Mulberry	8, 12, 12, 4, 3, 3	Poor	4	Split Risk, 30% Dead, Strong Lean, Cavity	Offsite
4353	<i>Salix nigra</i>	Black Willow	17	Poor	4	Strong Lean, Strong Crown Lean, 10% Dead Branches	Offsite
4354	<i>Salix nigra</i>	Black Willow	13, 13	Poor	4	Split Risk, Strong Lean, Insect Holes	Offsite
4355	<i>Acer saccharinum</i>	Silver Maple	10, 3, 2	Poor	4	High up Split Risk, Crowded at Base	Offsite
4356	<i>Prunus serotina</i>	Black Cherry	28	Poor	5	Split with Large Cavity, High up Split Risk	Remove
4357	<i>Morus alba</i>	White Mulberry	19, 7	Poor	4	Split Risk, Strong Lean, 70% Dead Branches	Remove
4358	<i>Morus alba</i>	White Mulberry	11	Poor	4	Strong Lean, Strong Crown Lean, Vines, 30% Dead Branches	Remove
4359	<i>Prunus serotina</i>	Black Cherry	55	Poor	5	Sawdust, 70% Dead, Split Risk, Vines, Crown Lean	Remove
4360	<i>Morus alba</i>	White Mulberry	9	Poor	4	Lean, Crown Lean, 10% Dead Branches	Offsite
4361	<i>Morus alba</i>	White Mulberry	17	Poor	4	Lean, Strong Crown Lean, 60% Dead Branches	Offsite
4362	<i>Morus alba</i>	White Mulberry	15	Poor	4	Split Risk, Strong Crown Lean, 50% Dead Branches	Offsite
4363	<i>Morus alba</i>	White Mulberry	25, 7	Poor	4	Cavity, Split, Vines Girdling, Strong Crown Lean	Offsite
4364	<i>Morus alba</i>	White Mulberry	29, 7, 13, 6	Poor	5	Already Split, Strong Crown Lean, Cavity	Remove
4365	<i>Acer negundo</i>	Box Elder	10	Fair	3	Lean, Vines	Offsite
4366	<i>Prunus serotina</i>	Black Cherry	14	Poor	4	Strong Lean, Crown Lean, Mushrooms, 10% Dead Branches	Remove
4367	<i>Morus alba</i>	White Mulberry	10, 33	Poor	4	Cavity, Split Risk, 30% Dead Branches	Remove
4368	<i>Morus alba</i>	White Mulberry	6, 13	Poor	4	Split Risk, Crown Lean, Unbalanced, Vines, Cavity	Remove
4369	<i>Morus alba</i>	White Mulberry	9, 7, 3	Poor	4	Split Risk, Cavity, Crown Lean	Remove
4370	<i>Morus alba</i>	White Mulberry	23, 33	Poor	5	70% Dead, Split, Unbalanced, Cavity	Remove
4371	<i>Salix nigra</i>	Black Willow	12, 12	Poor	4	Split Risk, Strong Lean, 20% Dead Branches, Vines	Offsite
4372	<i>Acer negundo</i>	Box Elder	9	Dead	6		Offsite
4373	<i>Morus alba</i>	White Mulberry	16, 9	Poor	4	Split Risk, Crown Lean, Unbalanced, 30% Dead Branches	Offsite
4374	<i>Morus alba</i>	White Mulberry	26, 4	Poor	4	40% Dead Branches, Split Risk	Remove
4375	<i>Ulmus americana</i>	American Elm	12	Good	2	10% Dead Branches, Crowded by 4374	Offsite
4376	<i>Unknown</i>	Unknown	17	Dead	6		Remove
4377	<i>Unknown</i>	Unknown	16	Dead	6		Remove
4378	<i>Ulmus americana</i>	American Elm	11	Fair	3	30% Dead Branches, Vines	Remove
4379	<i>Morus alba</i>	White Mulberry	7, 7, 9, 5, 2	Poor	4	30% Dead Branches, Vines, Split Risk, Lean	Offsite
4380	<i>Acer negundo</i>	Box Elder	8	Dead	6	Vines Only	Remove
4401	<i>Celtis occidentalis</i>	Hackberry	8, 6	Good	2		Remove
4402	<i>Salix nigra</i>	Black Willow	13, 16, 7, 7, 6, 6	Poor	4	Horizontal Growth, 20% Dead	Remove
4403	<i>Celtis occidentalis</i>	Hackberry	9	Good	2	Unbalanced	Remove
4404	<i>Ulmus americana</i>	American Elm	15	Good	2	Slight Lean	Remove
4405	<i>Salix nigra</i>	Black Willow	48, 48	Poor	4	Large Cavities, Strong Lean, Split Risk	Remove
4406	<i>Morus alba</i>	White Mulberry	9, 5	Poor	4	High up Split Risk, Lean, Crown Lean	Remove
4407	<i>Unknown</i>	Unknown	8, 5	Dead	6		Remove
4408	<i>Unknown</i>	Unknown	9	Dead	6		Remove
4409	<i>Ulmus americana</i>	American Elm	9	Dead	6		Remove
4410	<i>Morus alba</i>	White Mulberry	14	Poor	4	Unbalanced, Split Risk, Lean, 40% Dead Branches	Remove
4411	<i>Morus alba</i>	White Mulberry	15	Poor	4	Split Risk, Lean, Cavity, 40% Dead Branches	Offsite
4412	<i>Populus deltoides</i>	Eastern Cottonwood	9, 9	Poor	4	Strong Lean, Unbalanced, 10% Dead Branches	Remove
4413	<i>Morus alba</i>	White Mulberry	11	Fair	3	Well Balanced, 10% Dead Branches	Remove
4414	<i>Ulmus americana</i>	American Elm	14	Good	2	Vines, 10% Dead Branches	Remove
4415	<i>Ulmus pumila</i>	Siberian Elm	8	Poor	4	30% Dead Branches, Vines	Remove
4416	<i>Morus alba</i>	White Mulberry	10, 12, 3	Poor	4	Split Risk, Lean, 30% Dead Branches	Remove
4417	<i>Morus alba</i>	White Mulberry	10, 3, 3	Poor	4	Unbalanced, Lean, Crown Lean	Remove
4418	<i>Morus alba</i>	White Mulberry	6, 3	Poor	4	Unbalanced, Lean, Crown Lean, Split Risk	Remove
4419	<i>Morus alba</i>	White Mulberry	7, 8, 7, 5	Poor	4	Split Risk, Crown Lean, 20% Dead Branches	Remove
4420	<i>Morus alba</i>	White Mulberry	12	Poor	4	Crown Lean, 30% Dead Branches, Vines	Remove
4421	<i>Morus alba</i>	White Mulberry	11, 6, 5, 3	Poor	4	Split Risk, Crown Lean, 10% Dead Branches	Remove
4422	<i>Morus alba</i>	White Mulberry	8, 4, 4, 2, 2	Poor	4	Split Risk, 20% Dead Branches	Remove
4423	<i>Populus deltoides</i>	Eastern Cottonwood	11	Fair	3	Slight Lean	Remove
4424	<i>Morus alba</i>	White Mulberry	10, 8, 9, 10, 12, 4	Poor	4	Cavity at Crotch, 30% Dead Branches, Split Risk	Remove
4425	<i>Morus alba</i>	White Mulberry	12, 8, 8, 6, 5, 4	Poor	4	Split Risk, Unbalanced, 40% Dead Branches	Remove
4426	<i>Morus alba</i>	White Mulberry	11, 7, 9, 10	Poor	4	Crowded, Split Risk, Unbalanced	Remove
4427	<i>Morus alba</i>	White Mulberry	14, 7, 4, 3, 3	Poor	4	Split Risk, 30% Dead Branches, Lean	Remove
4428	<i>Morus alba</i>	White Mulberry	8	Poor	4	Lean, Unbalanced, 20% Dead Branches	Remove
4429	<i>Morus alba</i>	White Mulberry	8	Poor	4	Lean, Unbalanced, 20% Dead Branches	Remove
4430	<i>Morus alba</i>	White Mulberry	11	Poor	4	30% Dead Branches, Lean, Crown Lean	Remove
4431	<i>Morus alba</i>	White Mulberry	8, 4	Poor	4	20% Dead Branches, Unbalanced, Crown Lean	Remove
4432	<i>Morus alba</i>	White Mulberry	10, 7, 8, 6, 9, 7	Poor	4	40% Dead Branches, Split Risk, Crowded	Remove
4433	<i>Ulmus pumila</i>	Siberian Elm	9	Poor	4	20% Dead Branches	Remove
4434	<i>Morus alba</i>	White Mulberry	17, 7, 6, 2	Poor	4	Crowded, Split Risk	Remove
4435	<i>Morus alba</i>	White Mulberry	11	Poor	4	Lean, 30% Dead Branches, Crown Lean	Remove
4436	<i>Morus alba</i>	White Mulberry	8, 6, 5, 3	Poor	4	Cavity at Crotch, Split Risk, Crown Lean	Remove
4437	<i>Morus alba</i>	White Mulberry	12, 7, 4, 3, 2	Poor	4	Lean, Unbalanced, 20% Dead Branches	Remove
4438	<i>Ulmus pumila</i>	Siberian Elm	15, 17	Poor	4	Unbalanced, Lean, Crowded	Remove
4439	<i>Morus alba</i>	White Mulberry	11	Poor	4	Crowded by 4438, Lean, Unbalanced	Remove
4440	<i>Morus alba</i>	White Mulberry	14	Poor	4	Unbalanced, Lean, 20% Dead Branches	Remove
4441	<i>Celtis occidentalis</i>	Hackberry	9	Poor	4	Large Trunk Scar, Unbalanced	Remove
4442	<i>Picea abies</i>	Norway Spruce	30, 40" Tall	Poor	4	Cavity, Trunk Scar, Lean, Unbalanced	Remove
4443	<i>Morus alba</i>	White Mulberry	15	Poor	4	Unbalanced, 20% Dead Branches, Vines, Lean	Remove
4444	<i>Morus alba</i>	White Mulberry	25, 12, 8	Poor	4	Split Risk, 30% Dead Branches, Cavity	Remove
4445	<i>Morus alba</i>	White Mulberry	10, 9	Poor	4	Split Risk, 50% Dead Branches	Remove
4446	<i>Morus alba</i>	White Mulberry	12, 10	Poor	4	Split Risk, Unbalanced, 40% Dead Branches	Remove
4447	<i>Morus alba</i>	White Mulberry	8, 11, 10, 6, 6, 4, 9, 5	Poor	4	Crowded, Split Risk, 20% Dead Branches	Remove
4448	<i>Morus alba</i>	White Mulberry	11, 8	Poor	4	Split Risk, Lean, 10% Dead Branches	Remove

TAG NO.	SCIENTIFIC NAME	COMMON NAME	DBH (inches)	DESCRIPTION	RATING	NOTES	Remove or Preserve
4449	<i>Morus alba</i>	White Mulberry	8, 5	Poor	4	Unbalanced, Lean, 30% Dead Branches	Remove
4450	<i>Morus alba</i>	White Mulberry	9	Poor	4	Crowded, Lean, 20% Dead Branches	Remove
4451	<i>Morus alba</i>	White Mulberry	9, 3	Poor	4	Split Risk	Remove
4452	<i>Morus alba</i>	White Mulberry	9, 6, 4, 5	Poor	4	Lean, Crowded, 30% Dead Branches	Remove
4453	<i>Morus alba</i>	White Mulberry	9, 5	Poor	4	Lean, Crowded, Unbalanced, 20% Dead Branches	Remove
4454	<i>Morus alba</i>	White Mulberry	14	Poor	4	Strong Crown Lean, Lean, Unbalanced, 30% Dead Branches	Remove
4455	<i>Morus alba</i>	White Mulberry	11	Poor	4	Unbalanced, Crown Lean, By Powerlines	Offsite
4456	<i>Prunus virginiana</i>	Chokecherry	8, 9, 5, 7	Poor	5	Insect Holes, Strong Lean, Strong Crown Lean, Vines	Remove
4457	<i>Acer platanoides</i>	Norway Maple	17, 17	Poor	4	Healing Trunk Scar, Crown Lean, 20% Dead Branches,	Remove
4458	<i>Acer platanoides</i>	Norway Maple	10	Poor	4	Crown Lean, Crowded, 20% Dead Branches	Remove
4459	<i>Unknown</i>	Unknown	10	Dead	6		Remove
4460	<i>Acer platanoides</i>	Norway Maple	18	Poor	4	Sawdust, Large Trunk Scar, Cavity, Crown Lean, Crowded	Remove
4461	<i>Prunus serotina</i>	Black Cherry	12	Poor	4	Strong Lean, Strong Crown Lean, Crowded	Remove
4462	<i>Unknown</i>	Unknown	9	Dead	6		Remove
4463	<i>Prunus serotina</i>	Black Cherry	10	Poor	4	Lean, Strong Crown Lean, Vines	Remove
4464	<i>Prunus serotina</i>	Black Cherry	10	Poor	5	Lean, Strong Crown Lean, Vines, Crowded, Missing Crown	Remove
4465	<i>Ulmus americana</i>	American Elm	9	Poor	4	Strong Crown Lean, Vines	Remove
4466	<i>Ulmus pumila</i>	Siberian Elm	9	Poor	4	Lean, Vines	Remove
4467	<i>Acer negundo</i>	Box Elder	14, 11	Poor	5	11" Leader Dead, Strong Lean, Strong Crown Lean	Remove
4468	<i>Acer platanoides</i>	Norway Maple	13	Poor	5	Trunk Scar, 70% Dead Branches, Crown Lean	Remove

LANDSCAPE WORK PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

The work shall consist of furnishing, transporting and installing all seeds, plants and other materials required for:

- The establishment of trees, shrubs, perennial, annual and lawn areas as shown on Landscape Plan;
- The provision of post-planting management as specified herein;
- Any remedial operations necessary in conformance with the plans as specified in this document;
- Permits which may be required.

1.2 QUALITY ASSURANCE

- Work shall conform to State of Illinois Horticultural Standards and local municipal requirements.
- Quality Control Procedures:
 - Ship landscape materials with certificates of inspection as required by governmental authorities. Comply with governing regulations applicable to landscape materials.
 - Do not make substitutions. If specified landscape material is not obtainable, submit to Landscape Architect proof of non-availability and proposal for use of equivalent material.
 - Analysis and Standards: Package standard products with manufacturer's certified analysis.

1.3 SUBMITTALS

- Planting Schedule
Submit three (3) copies of the proposed planting schedule showing dates for each type of planting
- Maintenance Instruction - Landscape Work
Submit two (2) copies of typewritten instructions recommending procedures to be established by the Owner for the maintenance of landscape work for one full year. Submit prior to expiration of required maintenance periods.
Instructions shall include: watering, fertilizing, spraying, mulching and pruning for plant material and trimming groundcover. Instructions for watering, fertilizing and mowing grass areas shall be provided ten (10) days prior to request for inspection for final acceptance. Landscape Architect shall receive copies of all instructions when issued.
- Submit two (2) copies of soil test of existing topsoil with recommendations for soil additive requirement to Landscape Architect for review and written approval.
- Submit two (2) samples of shredded hardwood bark mulch, erosion control blankets, and all other products and materials as specified on plans to Landscape Architect for review and written approval.
- Nursery packing lists indicating the species and quantities of material installed must be provided to the Owner and/or City upon request.

1.4 JOB CONDITIONS

- Examine and evaluate grades, soils and water levels. Observe the conditions under which work is to be performed and notify Landscape Architect of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.
- Utilities: Review underground utility location maps and plans; notify local utility location service; demonstrate an awareness of utility locations; and certify acceptance of liability for the protection of utilities during course of work. Contractor shall be responsible for any damage to utilities or property.
- Excavation: When conditions detrimental to plant growth are encountered such as rubble fill, adverse drainage conditions or obstructions, notify Landscape Architect before planting.

1.5 GUARANTEES

- Guarantee seeded and sodded areas through the specified maintenance period (2 yrs.) and until final acceptance.
- Guarantee trees, shrubs, and perennials for a period of two (2) years after date of acceptance against defects including death and unsatisfactory growth, except for defects resulting from neglect by Owner, abuse or damage by others or unusual phenomena or incidents which are beyond Landscape Installer's control.
- Native Planting Area Performance Criteria
 - ^{1st} Full Growing Season: 90% of cover crop shall be established. There shall be no bare areas greater than two (2) square feet in seeded areas. At least 25% of vegetation coverage shall be native, non-invasive species. At least 50% of the emergent species, if planted as plugs shall be alive and apparent.
 - ^{2nd} Full Growing Season: All areas with the exception of emergent zones shall exhibit full vegetative cover. At least 50% of the vegetation coverage shall be native, non-invasive species.
 - ^{3rd} Full Growing Season: At least 75% of vegetation coverage shall be native, non-invasive species. Non-native species shall constitute no more than 25% relative surface coverage of the planted area.

Invasive species for this project shall include the following: *Ambrosia artemisiifolia* \pm *trifida* (Common \pm Giant Ragweed), *Cirsium arvense* (Canada Thistle), *Dipsacus laciniatus* (Cut-leaved Teasel), *Dipsacus sylvestris* (Common Teasel), *Lythrum salicaria* (Purple Loosestrife), *Melilotus* sp. (Sweet Clover), *Phalaris arundinacea* (Reed Canary Grass), *Phragmites australis* (Giant Reed), *Fallugia japonica* (Japanese Knotweed), *Rhinnus cataractica* \pm *frangula* (Common \pm Glossy Buckthorn), *Typha* sp. (Broadleaf, Narrowleaf, and Hybrid Cattail).

LANDSCAPE WORK PART 2 - PLANT MATERIALS

2.1 LAWN SOD

Provide strongly rooted sod, not less than two (2) years old and free of weeds and undesirable native grasses. Provide only sod capable of growth and development when planted (viable, not dormant) and in strips not more than 18" wide x 4' long. Provide sod composed of a 5-50 blend of Kentucky Bluegrass such as: Midnight, Allure, Viva, Washington, Liberty.

2.2 GROUNDCOVERS, PERENNIALS AND ANNUALS

Provide plants established and well-rooted in removable containers or integral peat pots and with not less than the minimum number and length of runners required by ANSI Z60.1 for the pot size shown or listed.

2.3 TREES AND SHRUBS

- Name and Variety: Provide nursery grown plant material true to name and variety.
- Quality: Provide trees, shrubs and other plants complying with the recommendations and requirements of ANSI Z60.1 'Standard for Nursery Stock' and as further specified.
- Deciduous Trees: Provide trees of height and caliper listed or shown and with branching configuration recommended by ANSI Z60.1 for type and species required. Provide single stem trees except where special forms are shown or listed. Provide balled and burlapped (B&B) deciduous trees.
- Deciduous Shrubs: Provide shrubs of the height shown or listed and with not less than the minimum number of canes required by ANSI Z60.1 for the type and height of shrub required. Provide balled and burlapped (B&B) deciduous shrubs.
- Coniferous Evergreen: Provide evergreens of the sizes shown or listed. Dimensions indicate minimum spread for spreading and semi-spreading type evergreens and height for other types. Provide quality evergreens with well-balanced form complying with requirements for other size relationships to the primary dimension shown. Provide balled and burlapped (B&B) evergreen trees and containerized shrubs.
- Inspection: All plants shall be subject to inspection and review at the place of growth or upon delivery and conformity to specification requirements as to quality, right of inspection and rejection upon delivery at the site or during the progress of the work for size and condition of balls or roots, diseases, insects and latent defects or injuries. Rejected plants shall be removed immediately from the site.

2.4 PLANTING SOIL MIXTURE

Provide planting soil mixture consisting of clean uncompacted topsoil (stockpiled at site) to a depth of no less than 12 inches for all planting pits, perennial, annual and groundcover areas and 6 inches turf or native areas. Topsoil shall be conditioned based on any recommendations resulting from the soil test in I.3.C.

2.5 AMENDED SOIL MIXTURE

Provide amended soil mixture consisting of 20% sand, 30% compost \pm 50% topsoil. Compost shall consist of 35% - 65% organic material and less than 1% manufactured inert material. Amended soil mixture shall pass through a 1/2" screen. Mix materials thoroughly.

2.6 EROSION CONTROL

- Lawn Seed Areas Erosion Control Blanket: North American Green DS75, or equivalent approved equal.
- Native Areas Erosion Control Blanket: North American Green SI50, or equivalent approved equal.
- Shoreline and Sloped Berm Areas Erosion Control Blanket: North American Green SC150, or approved equal. To be installed per manufacturer's recommendations.
- Refer to latest Engineering \pm Erosion Control Plans for any areas to receive permanent or long-term blanket installation..

2.7 MULCH

Provide mulch consisting of shredded hardwood. Provide sample to Landscape Architect for approval prior to ordering materials.

LANDSCAPE WORK PART 3 - EXECUTION

3.1 PLANTING SCHEDULE

At least thirty (30) days prior to the beginning of work in each area, submit a planting schedule for approval by the Landscape Architect.

3.2 PLANTINGS

- Sodding New Lawns
 - Remove existing grass, vegetation and turf. Dispose of such material legally off-site, do not turn over into soil being prepared for lawns.
 - Till to a depth of not less than 6", apply soil amendments as needed; remove high areas and fill in depressions; till soil to a homogenous mixture of fine texture, remove lumps, clods, stones over 1" diameter, roots and other extraneous matter. Dispose of such material legally off-site.
 - Sodded areas shall receive an application of commercial fertilizer at the rate of 10 lbs. per 1,000 sq. ft. and shall have an analysis of 16-8-8.
 - Lay sod within 24 hours from time of stripping.
 - Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips; do not overlap. Stagger strips to offset joints in adjacent courses. Work from bands to avoid damage to subgrade or sod. Tamp or roll lightly to ensure contact with subgrade. Work sifted soil into minor cracks between pieces of sod; remove excess to avoid smothering of adjacent grass.
 - Water sod thoroughly with a fine spray immediately after planting.
- Seeding Native Areas
 - The period for planting prairie seed shall be from April 1 to June 15 or September 15 to just before the first frost. Seeding outside of these timeframes must be approved by the landscape architect.
 - The General Contractor and Native Landscape Contractor shall be responsible for performing all work necessary to achieve and maintain an acceptable seeded prior to seeding. All areas must be properly prepared before seeding begins. Equipment having low unit pressure ground contact shall be utilized within the planting areas.
 - If present, compacted soils shall be disked or raked prior to seeding. Remedial measures for the access area may, at the direction of the Wetland Consultant, involve ripping from 12 to 18 inches of the soil horizon prior to disking.
 - Prior to seeding, planting areas shall have at least twelve inches of clean un-compacted topsoil. Clumps, clods, stones over 2" diameter, roots and other extraneous matter shall be removed and disposed of legally off-site.
 - Granular mycorrhizal inoculants shall be installed with the seed mix at a rate of 40lbs/ acre. Inoculant can be banded under seed, worked into seed or added into spray tanks. Native areas shall not receive fertilizer.
 - Contractor shall be solely responsible for the proper handling and storage of the seed according to the best seed handling and storage practices, including fungicide treatments and stratification considerations. Owner shall make no compensation for damage to the seed because of improper storage, cleaning, threshing, or screening operations.
 - Except where site conditions preclude their use, seeding shall be performed using a Truax drill, Truax Trillion seeder, or comparable equipment designed specifically for installation of native seed. For areas where site conditions preclude the use of specialized equipment, seed may be installed through hand broadcasting and followed by light raking. Hand broadcast seed shall be spread at twice the specified rate. Other methods of seed installation may be used with prior approval from the Landscape Architect.
 - Prior to starting work, all seeding equipment shall be calibrated and adjusted to sow seeds at the proper seeding rate. In general, the optimum seeding depth is 0.25 inch below the soil surface. Areas where the seed has not been incorporated into the soil to the proper depths will not be accepted, and no compensation for materials or labor for the rejected work will be made by the Owner.
 - Seeding and soil tracking/firming shall not be done during periods of rain, severe drought, high winds, excessive moisture, frozen ground, or other conditions that preclude satisfactory results.
 - Wet meadow areas shall be planted, and seed allowed to germinate (if possible), prior to flooding with significant amounts of water.
 - After the seeding operation is completed, install erosion control blanket per manufacturer's specifications.

B. Groundcover and Perennial Beds

Groundcover, perennials, and annuals shall be planted in continuous beds of planting soil mixture a minimum of 12" deep. Install per spacing indicated on plan.

D. Trees and Shrubs

- Set balled and burlapped (B&B) stock plumb and in center of pit or trench with top of ball at an elevation that will keep the root flare exposed upon backfill and mulching. Remove burlap from top and sides of balls; retain on bottoms. When set, place additional topsoil backfill around base and sides of ball and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Repeat watering until no more is absorbed. Water again after placing final layer of backfill.
- Dish top of backfill to allow for mulching. Provide additional backfill berm around edge of excavations to form shallow saucer to collect water.
- Mulch pits, trenches and planted areas. Provide not less than 2" thickness of mulch and work into top of backfill and finish level with adjacent finish grades. Maintain exposed root flare at all times.
- Prune only injured or dead branches from flowering trees, if any. Protect central leader of tree during shipping and pruning operations. Prune shrubs to retain natural character in accordance with standard horticultural practices.
- Remove and replace excessively pruned or ill-formed stock resulting from improper pruning.
- The Contractor shall be wholly responsible for assuring that all trees are planted in a vertical and plumb position and remain so throughout the life of this contract and guarantee period. Trees may or may not be staked and guyed depending upon the individual preference of the Contractor; however, any bracing procedure(s) must be approved by the Owner prior to its installation.

C. Groundcover and Perennial Beds

Groundcover, perennials, and annuals shall be planted in continuous beds of planting soil mixture a minimum of 12" deep. Install per spacing indicated on plan.

D. Trees and Shrubs

- Set balled and burlapped (B&B) stock plumb and in center of pit or trench with top of ball at an elevation that will keep the root flare exposed upon backfill and mulching. Remove burlap from top and sides of balls; retain on bottoms. When set, place additional topsoil backfill around base and sides of ball and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately 2/3 full, water thoroughly before placing remainder of backfill. Repeat watering until no more is absorbed. Water again after placing final layer of backfill.
- Dish top of backfill to allow for mulching. Provide additional backfill berm around edge of excavations to form shallow saucer to collect water.
- Mulch pits, trenches and planted areas. Provide not less than 2" thickness of mulch and work into top of backfill and finish level with adjacent finish grades. Maintain exposed root flare at all times.
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3.3 INITIAL MAINTENANCE

- Begin maintenance immediately after planting, continuing until final acceptance. A minimum of thirty (30) days.
- Maintain planted and seeded areas by watering, rolling/regrading, replanting and implementing erosion control as required to establish vegetation free of eroded or bare areas.
- Native Planting areas are to be mowed only once per spring during the initial three year establishment period.

3.4 NATIVE LANDSCAPED AREAS CONTINUED MONITORING \pm MAINTENANCE

A. Monitoring

The Owner shall notify the City upon completion of plantings. The Owner's Environmental Specialist shall inspect the plantings and provide the City with a copy of the planting locations, species, and quantities for verification by the City.

The Owner's Environmental Specialist shall inspect the plantings at least twice per year during the three-year term of the Establishment and Maintenance Cash Bond or Letter of Credit, to determine compliance with the minimum annual performance criteria (See I.5C Guarantees). A monitoring report will be provided to the County by January 31st following each growing season.

B. Maintenance:

First Season

With the exception of the emergent area, native seeding areas should be mowed to a height of 6" to control annual, non-native and invasive species early in the growing season. Mowing, including weed whipping, should be conducted during prior to weed seed production. Mowing height and timing may need to be adjusted per target species. Small quantities of undesirable plant species, shall be controlled by hand pulling prior to the development and maturity of the plant. Hand removal shall include the removal of all above-ground and below-ground stems, roots and flower masses prior to development of seeds. Herbicide should be applied as necessary by a trained and licensed operator that is competent in the identification of native and nonnative herbaceous plants. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Second Season

Control of undesirable plant species during the second growing season shall consist primarily of precise herbicide application. Mowing and weed whipping shall be conducted as needed during the early growing season and as needed to a height of 6 to 8 inches to prevent annual weeds from producing seed. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary.

Third Season

Seasonal mowing and herbicide will continue as above but should be reduced over time. Debris and litter shall be removed from the native areas and storm structures shall be inspected and maintained as necessary. At the completion of the third growing season (dependent on fuel availability; dominance of graminoid species; and favorable weather conditions), fire may be introduced to the planted areas as the primary management tool.

State and local permits shall be required prior to controlled burning. Burning shall be conducted by trained professionals experienced in managing smoke in urban environments. Prior to a controlled burn, surrounding property owners as well as local fire and police departments shall be notified. A burn plan detailing preferred wind direction and speed, location of fire breaks, and necessary personnel and equipment shall be prepared and utilized in planning and burn implementation.

The initial burn shall be dependant on fuel availability which is directly related to the quantity and quality of grasses contained within the plant matrix. Timing of the burn shall be determined based on results of the annual monitoring indicating species composition of the management area and other analysis of management goals. Generally, burns shall be scheduled from spring to fall on a rotational basis. Burn frequency shall also be dependant on the species composition within the management area. Generally, a new prairie restoration area shall be burned annually for two years after the second or third growing season after planting and then every 2-3 years thereafter, burning 50-75% of the area.

C. Long Term Prairie Management/Maintenance

A Final compliance report and Long-Term Operation and Maintenance Plan shall be submitted by the Developer/Owner's Environmental Specialist no less than 60 days prior to the expiration of any landscape Cash Bond or Letter of Credit posted for the native areas. Final acceptance and release shall be determined by the County or Municipality upon inspection of the site to verify compliance.

The Long -Term Operation and Maintenance Plan shall be written to include guidelines and schedules for burning, mowing, application of herbicide, debris/litter removal and inspection schedule for storm structures and sediment removal.

3.5 CLEAN UP AND PROTECTION

- During landscape work, store materials and equipment where directed. Keep pavements clean and work areas and adjoining areas in an orderly condition.
- Protect landscape work and materials from damage due to landscape operations, operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged landscape work as directed by Landscape Architect.

3.6 INSPECTION AND ACCEPTANCE

- The Landscape Architect reserves the right to inspect seeds, plants, trees and shrubs either at place of growth or at site before planting for compliance with requirements for name, variety, size, quantity, quality and mix proportion.
- Supply written affidavit certifying composition of seed mixtures and integrity of plant materials with respect to species, variety and source.
- Notify the Landscape Architect within five (5) days after completing initial and/or supplemental plantings in each area.
- When the landscape work is completed, including maintenance, the Landscape Architect will, upon request, make a final inspection to determine acceptability. After final acceptance, the Owner will be responsible for maintenance.

SITE AMENITIES

4.0 DESCRIPTION OF WORK

- The work consist of all labor, materials, work and equipment necessary and required to complete site amenities as shown on drawings or specified herein, including, but not limited to:
 - Submission of color and material samples to Owner for design concept conformance review prior to construction.
 - Submission of shop drawings to Landscape Architect and Owner for design concept conformance review prior to construction.
 - Submission of construction schedule to Landscape Architect.
 - Verification of existing conditions and underground utilities in the field prior to construction. Contractor shall notify Landscape Architect of any variance from construction drawings. Contractor is responsible for any damage to utilities.
 - Secure and pay for all permits, fees, inspections and schedule all inspections related to work, including J.U.L.L.E. locates.
 - Comply with all applicable codes.

4.1 JOB CONDITIONS

- Examine and evaluate grades, and soils. Provide soil testing and verify soils structural integrity. Observe the conditions under which work is to be performed and notify owner of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.
- Utilities: Review underground utility location maps and plan; Notify J.U.L.L.E; demonstrate an awareness of utility location; and certify acceptance of liability for the protection of utilities during course of work. Contractor shall be responsible for any damage to utilities or property.
- All streets and curbs must be cleaned at the end of each working day.
- All OSHA requirements for safety must be adhered to at all times.

4.2 GUARANTEES

- Guarantee site amenities 1 year from final acceptance by Owner on workmanship and materials.
- Where failures have occurred resulting from the concrete not meeting the specified design strength, or workmanship, it shall be the responsibility of the subcontractors in connection with the supplier to take responsibility to make restitution for their resulting repair work created by the problem.

4.3 SUBMITTALS

- Construction Schedule: Promptly after award of the Contract, the Contractor shall prepare and submit an estimated construction progress schedule for the work, including sub-schedule of related activities which are essential to its progress, as well as lead-time for materials.
 - Show complete sequence of construction by activity, with dates for beginning and completion of each element of construction. Schedule to represent a continuous flow of construction activities so that there are no business days of non-activity on site.
- Product samples: Submit samples of all pavers, architectural precast, bench and bollard colors for approval prior to delivery to site.
- Product Data: Submit product data for all materials.
- Provide names and contact information for any subcontractors and suppliers.

4.4 PRODUCT DELIVER, STORAGE, AND HANDLING

- Loading and Shipment:
 - Pack carefully for transportation, with exercise of all customary and reasonable precautions against damage in transit, all materials to be used for the work.
 - Load and ship all materials in a sequence mutually agreed upon by the General Contractor and the material supplier.
- Unloading and Storage:
 - Receive and unload at site all materials with necessary care in handling to avoid damage or soiling.
 - Store materials clear of ground on non-staining skids. Wood containing tannin, chemical treatment, or excessive amounts of resin shall not be used.
 - Cover materials with waterproof, clean canvas, or polyethylene for protection from construction or natural elements.

4.5 INSTALLATION

- Benches
This work shall consist of providing and installing the Benches and footings as detailed on the plans. The Benches shall be installed per manufacturer's recommendations. This item shall be paid for at the contract unit price per unit of BENCH installed, which price shall include all installation required.
- Fence
This work shall consist of providing and installing the Fence and Gate as detailed on the plans. The Fence shall be installed per manufacturer's recommendations. This item shall be paid for at the contract unit price per linear foot of FENCE installed, which price shall include all installation required.

This work shall consist of providing and installing all concrete and base materials, as detailed on the plans. The concrete shall be installed per the engineering specifications.

This work shall consist of providing and installing all concrete pavers and base materials, as detailed on the plans. The pavers shall be installed per the engineering specifications.

4.6 CLEAN UP AND PROTECTION

- All material shall be washed prior to completion.
- Protect work and materials from damage due to operations by other trades and trespassers. Maintain protection during installation.

4.7 INSPECTION AND ACCEPTANCE

- Owner's representative reserves the right to inspect materials and workmanship at the site prior to, during construction, or at the time of inspection for compliance with the construction documents and specifications.
- Notify representative when completed, for final inspection and review for conformance with design intent.



GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 W. LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197
www.grwainc.com

CLIENT



1750 E. GOLF ROAD, SUITE 925
SCHLAUBURG, ILLINOIS 60173
CIVIL ENGINEER

CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, ILLINOIS 60502

WHEATLAND CROSSING - PHASE 2A & 2B

AURORA, ILLINOIS

LANDSCAPE SPECIFICATIONS

03	05.20.2025
02	04.24.2025
01	03.21.2025

REVISIONS

DATE	11.11.2024
PROJECT NO.	DR2074
DRAWN	CLE
CHECKED	DHS
SHEET NO.	



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