

Landscape Plan For PRAIRIE MEADOWS

Aurora, Illinois

April 24, 2024

CONSULTANTS:



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



CIVIL ENGINEER:
CEMCON, Ltd.
CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, IL 60502



LOCATION MAP

SCALE: 1"=600'

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
L1.0	COVER SHEET
L1.1	OVERALL PRELIMINARY LANDSCAPE PLAN
L1.2	FINAL LANDSCAPE PLAN
L1.3	FINAL LANDSCAPE PLAN
L1.4	LANDSCAPE DETAILS
L1.5	PARK LAYOUT PLAN
L1.6	PARK AMENITY DETAILS
L1.7	PARK AMENITY DETAILS
L1.8	MONUMENT DETAILS
L1.9	TREE PRESERVATION PLAN
L1.10	TREE PRESERVATION PLAN
L1.11	TREE INVENTORY
L1.12	TREE INVENTORY
L1.13	SEED & SOD EXHIBIT
L1.14	LANDSCAPE SPECIFICATIONS

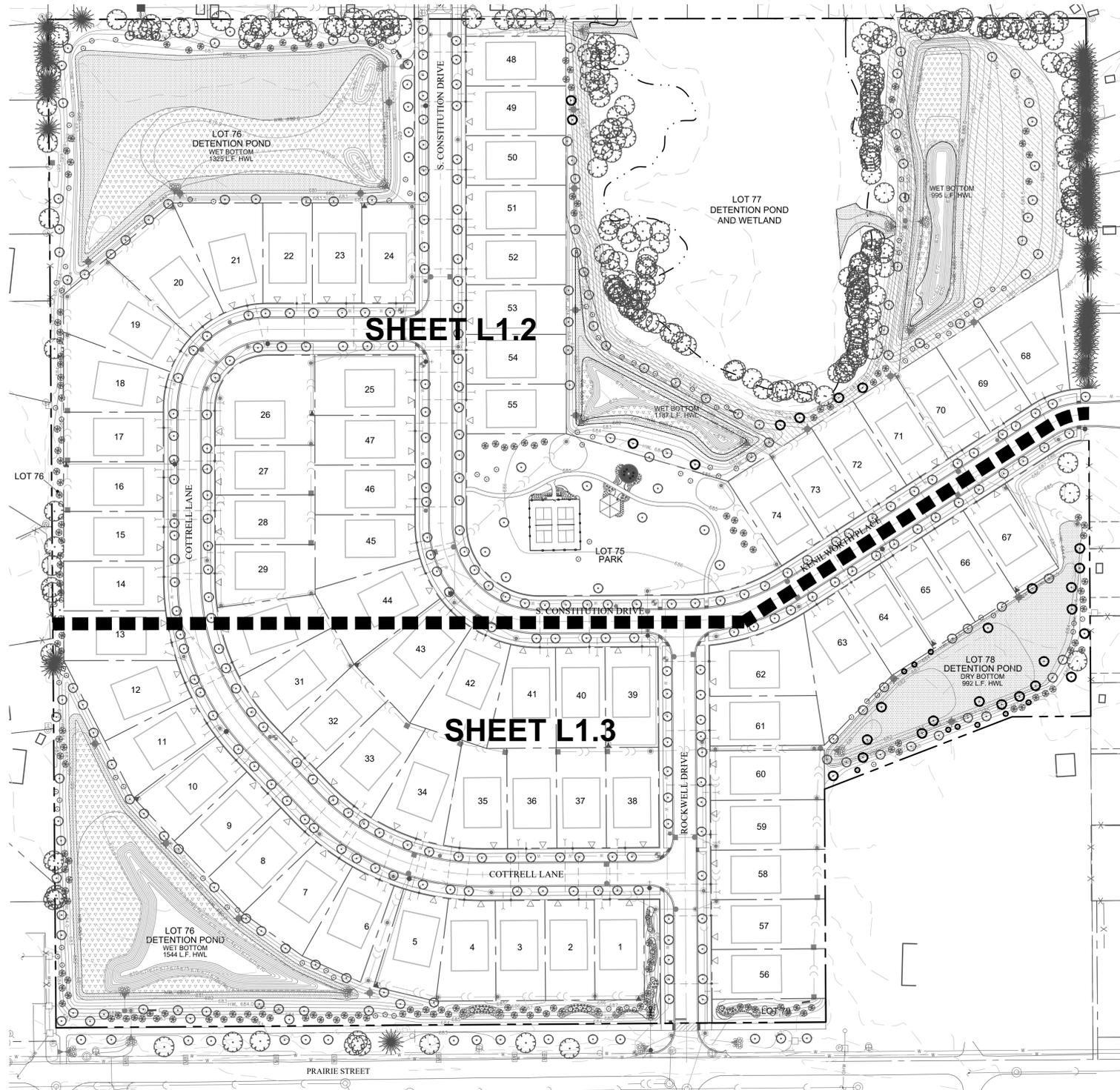


Landscape Implementation Data Table: Plant List by Category						
QTY	Percent	SYM	BOTANICAL NAME (Family / Genus / Species)	COMMON NAME	SIZE	COMMENTS
Canopy Trees						
30	8%	AR	Acer x freemanii 'Redpointe'	REDPOINTE MAPLE	2.5" Cal.	
26	7%	AM	Acer miyabei 'Morton'	STATE STREET MAPLE	2.5" Cal.	
4	1%	AM3	Acer miyabei 'Morton'	STATE STREET MAPLE	3" Cal.	
7	2%	AS	Acer x saccharum 'Green Mountain'	GREEN MOUNTAIN SUGAR MAPLE	2.5" Cal.	
50	13%	CO	Celtis occidentalis	COMMON HACKBERRY	2.5" Cal.	
36	9%	GT	Gleditsia triacanthos v. inermis 'Skyline'	SKYLINE HONEYLOCUST	2.5" Cal.	
30	8%	GD	Gymnocladus dioica	ESPRESSO KENTUCKY COFFEETREE	2.5" Cal.	
41	11%	PM	Platanus x acerifolia 'Morton Circle'	EXCLAMATION LONDON PLANETREE	2.5" Cal.	
37	10%	QB	Quercus bicolor	SWAMP WHITE OAK	2.5" Cal.	
27	7%	QR	Quercus rubra	RED OAK	2.5" Cal.	
5	1%	QR3	Quercus rubra	RED OAK	3" Cal.	
24	6%	TA	Tilia americana 'Redmond'	REDMOND AMERICAN LINDEN	2.5" Cal.	
37	10%	TT	Tilia tomentosa 'Sterling'	STERLING SILVER LINDEN	2.5" Cal.	
31	8%	UM	Ulmus 'Morton Glossy'	TRIUMPH ELM	2.5" Cal.	
Total:	385	100%				
Evergreen Trees						
16	9%	AC	Abies concolor	WHITE FIR	6" Ht.	
7	4%	AC10	Abies concolor	WHITE FIR	10" Ht.	
8	5%	AP	Abies balsamea var. phanerolepis	CANAAN FIR	6" Ht.	
18	11%	PA	Picea abies	NORWAY SPRUCE	6" Ht.	
21	12%	PG	Picea glauca 'Densata'	BLACK HILLS SPRUCE	6" Ht.	
8	5%	PO	Picea omorika	SERBAN SPRUCE	6" Ht.	
20	12%	JC	Juniperus chinensis 'Mountain'	MOUNTBATTEN JUNIPER	6" Ht.	
9	5%	JP	Juniperus chinensis 'Fairview'	FAIRVIEW JUNIPER	6" Ht.	
8	5%	PD10	Pseudotsuga menziesii	DOUGLAS FIR	10" Ht.	
22	13%	PS	Pinus strobus	WHITE PINE	6" Ht.	
22	13%	TD	Thuja occidentalis 'Nigra'	DARK GREEN ARBORVITAE	6" Ht.	
11	6%	TG	Thuja 'Green Giant'	GREEN GIANT ARBORVITAE	6" Ht.	
Total:	170	100%				
Understory Trees						
7	6%	AL	Amelanchier laevis	ALLEGHENY SERVICEBERRY	8" Ht.	Multi-stem
21	18%	AG	Amelanchier x grandiflora	APPLE SERVICEBERRY	8" Ht.	Multi-stem
14	12%	BN	Betula nigra 'Cody'	HERITAGE RIVER BIRCH	8" Ht.	Multi-stem
11	10%	CA	Carpinus caroliniana	AMERICAN HORNEBEAM	8" Ht.	Tree-Form
12	10%	CC	Cercis canadensis	EASTERN REDBUD	8" Ht.	Multi-stem
2	2%	CC10	Cercis canadensis	EASTERN REDBUD	10" Ht.	Multi-stem
16	14%	CM	Cornus mas	CORNELANCHERRY	8" Ht.	Multi-stem
20	17%	MP	Malus 'Prairifire'	PRAIRIFIRE CRABAPPLE	8" Ht.	Multi-stem
3	3%	MS	Magnolia stellata	ROYAL STAR MAGNOLIA	8" Ht.	Multi-stem
5	4%	MS10	Magnolia stellata	ROYAL STAR MAGNOLIA	8" Ht.	Multi-stem
4	3%	SR10	Syringa reticulata	WORY SILK JAPANESE TREE LILAC	8" Ht.	Multi-stem
Total:	115	100%				
Deciduous Shrubs						
16	14%	AI	Aronia melanocarpa 'Morton'	ROQUOIS BLACK BEAUTY CHOKEBERRY	24" Ht.	4" O.C.
16	14%	CF	Cornus sericea 'Farrow'	ARCTIC FIRE DOGWOOD	24" Ht.	3" O.C.
28	25%	HP	Hydrangea paniculata 'SM-PLC1'	LITTLE QUICK FIRE HYDRANGEA	24" Ht.	3" O.C.
5	4%	SM	Syringa meyeri 'Palatin'	DWARF KOREAN LILAC	36" Ht.	4" O.C.
9	8%	PL	Physocarpus opulifolius 'Domina Maya'	LITTLE DEVIL NINEBARK	24" Ht.	3" O.C.
16	14%	PN	Physocarpus opulifolius 'Seward'	SUMMER WINE NINEBARK	30" Ht.	4" O.C.
24	21%	WF	Weigela x 'Dark Horse'	DARK HORSE WEIGELA	24" Ht.	3" O.C.
Total:	114	100%				
Evergreen Shrub						
26	30%	GM	Buxus x 'Green Mountain'	GREEN MOUNTAIN BOXWOOD	24" Wd.	4" O.C.
9	10%	GV	Buxus x 'Green Velvet'	GREEN VELVET BOXWOOD	24" Wd.	3" O.C.
22	26%	JK	Juniperus chinensis 'Kallay's Compact'	KALLAY'S COMPACT JUPITER JUNIPER	24" Wd.	4" O.C.
5	6%	JB	Juniperus chinensis 'Blue Pacific'	BLUE PACIFIC JUNIPER	24" Wd.	4" O.C.
24	28%	TM	Taxus x media 'Densiformis'	DENSE YEW	24" Wd.	4" O.C.
Total:	86	100%				
Ornamental Grasses						
39	29%	CK	Calamagrostis x acutiflora 'Karl Foerster'	FEATHER REED GRASS	Mature Height = 4'-6'	30" O.C.
38	28%	PV	Panicum virgatum 'Northwind'	NORTHWIND SWITCHGRASS	Mature Height = 4'-6'	30" O.C.
29	21%	PH	Panicum virgatum 'Heavy Metal'	HEAVY METAL SWITCHGRASS	Mature Height = 4'-6'	30" O.C.
30	22%	PR	Panicum virgatum 'Rotstrahbusch'	RED SWITCHGRASS	Mature Height = 4'-6'	30" O.C.
Total:	136	100%				
Perennials						
42	15%	AB	Allium 'Summer Beauty'	SUMMER BEAUTY ONION	18" O.C.	
52	19%	NM	Nepeta x faassenii 'Walker's Low'	WALKER'S LOW CATMINT	18" O.C.	
59	22%	EP	Echinacea 'Pike Meadowbrite'	PIKE MEADOWBRITE CONEFLOWER	18" O.C.	
32	12%	HH	Hemerocallis 'Happy Returns'	HAPPY RETURNS DAYLILY	18" O.C.	
28	10%	HR	Hemerocallis 'Rosy Returns'	ROSY RETURNS DAYLILY	18" O.C.	
60	22%	RF	Rudbeckia fulgida 'Goldsturm'	BLACK-EYED SUSAN	18" O.C.	
Total:	273	100%				
Misc. Materials						
187			Shredded Hardwood Mulch		C.Y.	
8,533			Sod		S.Y.	
4.7			Turf Seed and Blanket		AC.	
1.7			Low Profile Prairie Seed Mix & Erosion Control Blanket		AC.	
2.2			Wet Meadow Seed Mix & Erosion Control Blanket		AC.	
1.6			Emergent Seed Mix		AC.	
18			Naturalized Area Sign		EA.	

Landscape Data Table: CTEs Provided			
	CTE Value	Count Provided	Total CTEs Provided
Canopy Trees	1	385	385
Evergreen Trees	1/3	170	57
Understory Trees	1/3	115	38
Deciduous Shrubs	1/20	114	6
Evergreen Shrubs	1/20	86	4
Total:		870	490

* PRESERVED EXISTING TREES WITH A DBH SMALLER THAN 12" NOT COUNTED TOWARDS CTE REQUIREMENTS

Landscape Data Table: Planting Material Key	
Note: Symbols are blackline for proposed gray-scale for existing	
Canopy Trees (minimum size 2.5 caliper) Count:	385
Evergreen Trees (minimum size 6 feet) Count:	170
Understory Trees (minimum size 2.5 caliper or 8 feet if multi-stemmed) Count:	115
Evergreen Shrubs (minimum of 18 inches) Count:	86
Deciduous Shrubs (minimum of 18 inches) Count:	114
Ornamental Grasses Count:	136
Perennials Count:	273
Annuals Count:	0
Groundcover Square Footage:	0
Turf (Seeded) Square Footage:	204732
Turf (Sod) Square Footage:	76797
Native Prairie Planting Square Footage:	174890
Native Wetland Planting Square Footage:	69995



GENERAL LANDSCAPE NOTES

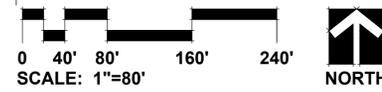
- Contractor shall verify underground utility lines and is responsible for any damage.
- Contractor shall verify all existing conditions in the field prior to construction and shall notify landscape architect of any variance.
- Material quantities shown are for contractors convenience only. The Contractor must verify all material and supply sufficient materials to complete the job per plan.
- 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.
- Work shall conform to American Standard for Nursery Stock, State of Illinois Horticultural Standards, and Local Municipal requirements.
- 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.
- See General Conditions and Specifications for landscape work for additional requirements.

SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
□	■	CATCH BASIN
—	—	INLET
—	—	CLEANOUT
—	—	SLOPE INLET BOX
—	—	HEADWALL
—	—	END SECTION
—	—	STORM SEWER
—	—	SANITARY SEWER
—	—	WATERMAIN
—	—	VALVE & BOX
—	—	WATER VALVE IN VAULT
—	—	FIRE HYDRANT
—	—	CONTOURS
—	—	ELEVATIONS
—	—	STREET LIGHT
—	—	RIP-RAP

NATIVE LEGEND

Key	Qty.	Description
◆	18 EA.	NSMA SIGN
▨	1.7 AC.	LOW-PROFILE PRAIRIE PLANTINGS
▽▽▽	2.2 AC.	EMERGENT PLANTINGS
▨	1.6 AC.	WET MEADOW PLANTINGS



GRWA
GARY R. WEBER ASSOCIATES, INC.
 LAND PLANNING
 ECOLOGICAL CONSULTING
 LANDSCAPE ARCHITECTURE
 402 WEST LITTLE DRIVE
 WHEATON, ILLINOIS 60187
 PHONE: 630-666-7197

CLIENT
CAL ATLANTIC GROUP LLC
 1700 EAST GOLF ROAD, SUITE 1100
 SCHAUMBURG, IL 60173

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

PRAIRIE MEADOWS

AURORA, ILLINOIS

OVERALL LANDSCAPE PLAN

1 4.24.2024
 REVISIONS

DATE 3.18.2023
 PROJECT NO. LN23143
 DRAWN NKF
 CHECKED REO
 SHEET NO.

L1.1



GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-666-7197

CLIENT
CAL ATLANTIC GROUP LLC
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

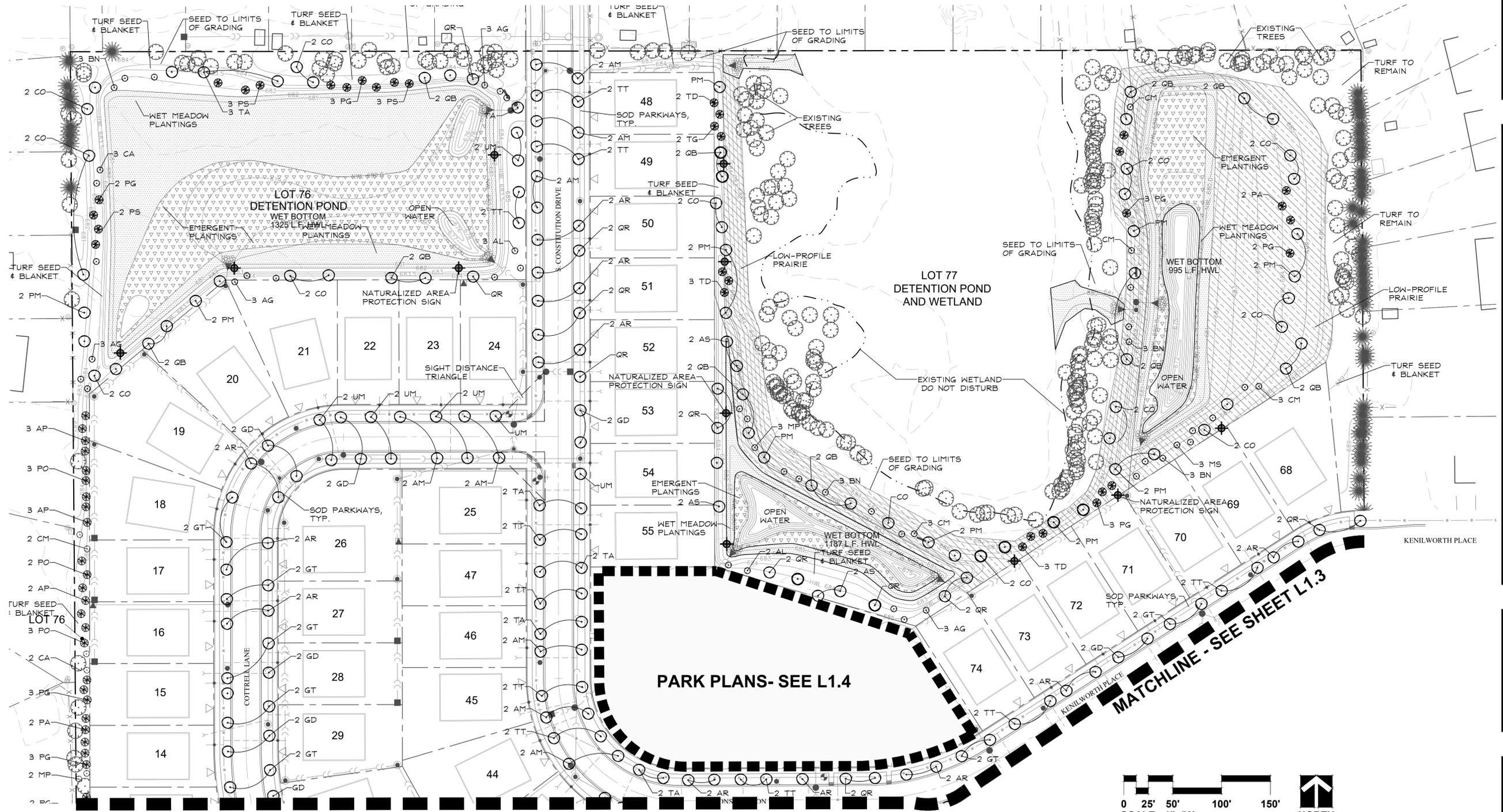
ENGINEER
CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, IL 60502

NATIVE LEGEND

Key	Description
	NSMA SIGN
	LOW-PROFILE PRAIRIE PLANTINGS
	EMERGENT PLANTINGS
	WET MEADOW PLANTINGS

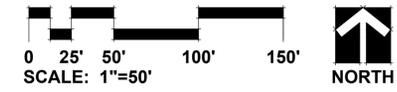
SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		CATCH BASIN
		INLET
		CLEANOUT
		SLOPE INLET BOX
		HEADWALL
		END SECTION
		STORM SEWER
		SANITARY SEWER
		WATERMAIN
		VALVE & BOX
		WATER VALVE IN VAULT
		FIRE HYDRANT
		CONTOURS
		ELEVATIONS
		STREET LIGHT
		RIP-RAP



PRAIRIE MEADOWS LANDSCAPE PLAN

AURORA, ILLINOIS



MATCHLINE - SEE SHEET L1.3

MATCHLINE - SEE SHEET L1.3

REVISIONS	DATE
1	4.24.2024

DATE	3.18.2023
PROJECT NO.	LN23143
DRAWN	NKF
CHECKED	REO
SHEET NO.	

L1.2





GARY R. WEBER ASSOCIATES, INC.
 LAND PLANNING
 ECOLOGICAL CONSULTING
 LANDSCAPE ARCHITECTURE
 402 WEST LIBERTY DRIVE
 WHEATON, ILLINOIS 60187
 PHONE: 630-666-7197

CLIENT
CAL ATLANTIC GROUP LLC
 1700 EAST GOLF ROAD, SUITE 1100
 SCHAUMBURG, IL 60173

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

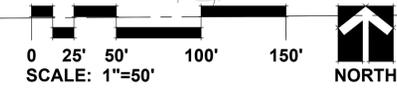
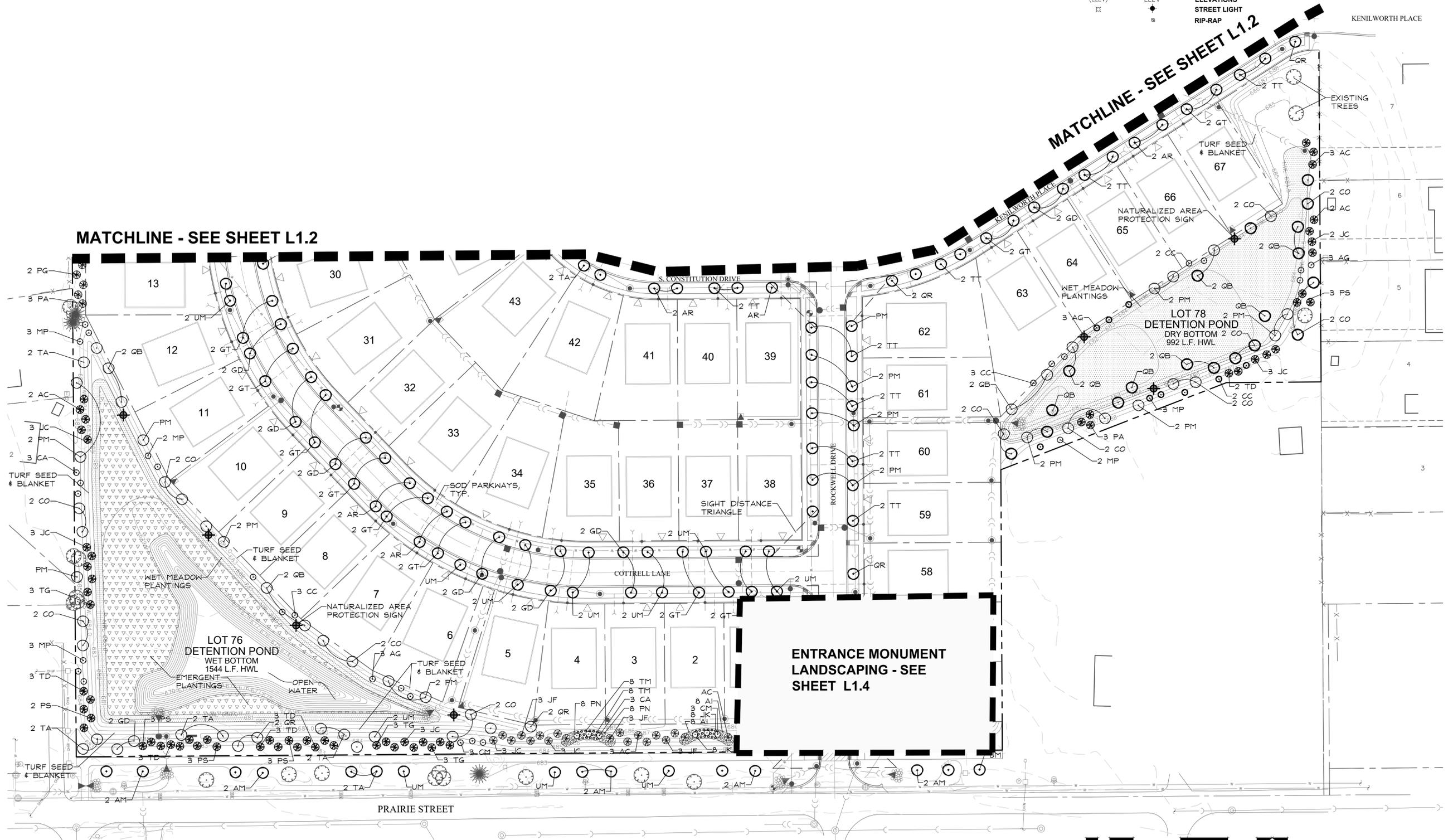
PRAIRIE MEADOWS
 AURORA, ILLINOIS
LANDSCAPE PLAN

NATIVE LEGEND

Key	Description
	NSMA SIGN
	LOW-PROFILE PRAIRIE PLANTINGS
	EMERGENT PLANTINGS
	WET MEADOW PLANTINGS

SYMBOL LEGEND

EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		CATCH BASIN
		INLET
		CLEANOUT
		SLOPE INLET BOX
		HEADWALL
		END SECTION
		STORM SEWER
		SANITARY SEWER
		WATERMAIN
		VALVE & BOX
		WATER VALVE IN VAULT
		FIRE HYDRANT
		CONTOURS
		ELEVATIONS
		STREET LIGHT
		RIP-RAP



1 4.24.2024

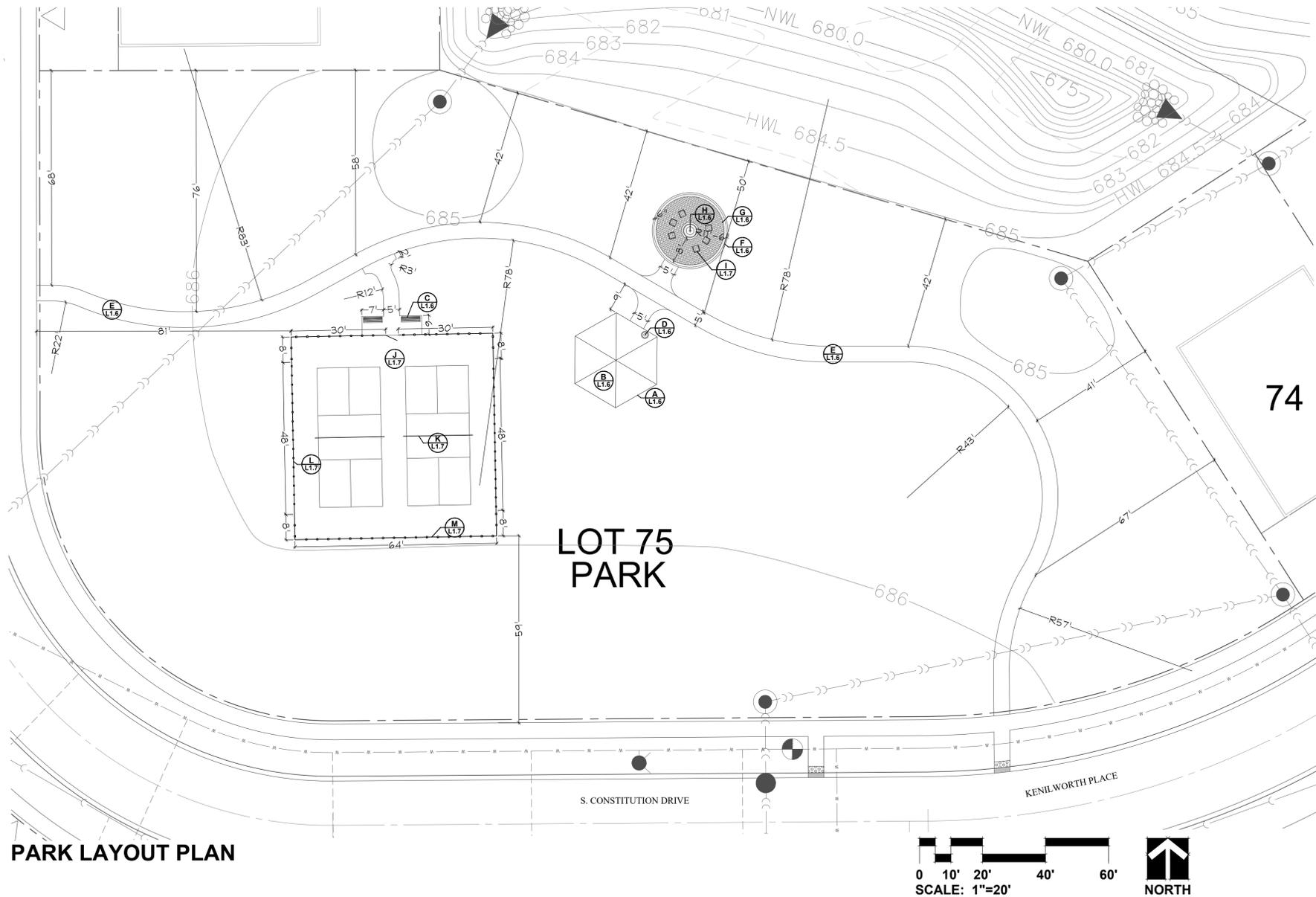
REVISIONS

DATE	3.18.2023
PROJECT NO.	LN23143
DRAWN	NKF
CHECKED	REO
SHEET NO.	

L1.3



Know what's below. Call before you dig.



PARK LAYOUT PLAN

SITE FURNISHINGS SCHEDULE

KEY	ITEM	MODEL	MANUFACTURER	QUANTITY	COMMENTS
A LT.6	PICNIC SHELTER	HXE 20	POLIGON SHELTERS	1	ROOF COLOR: EVERGREEN FRAME COLOR: ASH GRAY
B LT.6	PICNIC TABLE	77	DUMOR	4	IPE PLANKS
C LT.6	BENCH	165-601	DUMOR	2	SURFACE MOUNTED COLOR: TEXTURED SILVER & IPE
D LT.6	TRASH RECEPTACLE	152-311	DUMOR	1	SURFACE MOUNTED COLOR: TEXTURED SILVER & IPE
E LT.6	CONCRETE WALKS & BENCH PAD			529 S.F.	
F LT.6	CONCRETE CURB			75 L.F.	
G LT.6	CONCRETE PAVERS	HOLLAND PREMIER	UNILOCK	346 S.F.	COLOR: GRANITE SOLDIER COURSE COLOR: DARK CHARCOAL
H LT.6	FIRE PIT	BUILD ON SITE		1	
I LT.7	CHAIRS	ELEVATION THERMORY	ANOVA	6	COLOR: TEXTURED SILVER & THERMORY SLATS
J LT.7	PICKLEBALL COURT		SPORTSMASTER	1	ASPHALT PAD WITH PAINTED COATING COURT COLOR: LIGHT BLUE BORDER COLOR: BLUE NON-VOLLEY ZONE COLOR: RED
J LT.7	PICKLEBALL POSTS & NET		WILSON	2	INSTALL WITH 24" PVC SLEEVES PER MANUFACTURER'S SPECS.
K LT.7	4' FENCE			96 L.F.	VINYL COATED CHAIN LINK COLOR: BLACK
K LT.7	CHAINLINK LOCKING GATE			1	VINYL COATED CHAIN LINK COLOR: BLACK
K LT.7	8' FENCE			156 L.F.	VINYL COATED CHAIN LINK COLOR: BLACK

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 CONCRETE 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.



GARY R. WEBER ASSOCIATES, INC.
 LAND PLANNING
 ECOLOGICAL CONSULTING
 LANDSCAPE ARCHITECTURE
 402 WEST LIBERTY DRIVE
 WHEATON, ILLINOIS 60187
 PHONE: 630-666-7197

CLIENT
LENNAR
 1700 EAST GOLF ROAD, SUITE 1100
 SCHAUMBURG, IL 60173

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

PRAIRIE MEADOWS
 AURORA, ILLINOIS
AMENITY LAYOUT PLAN

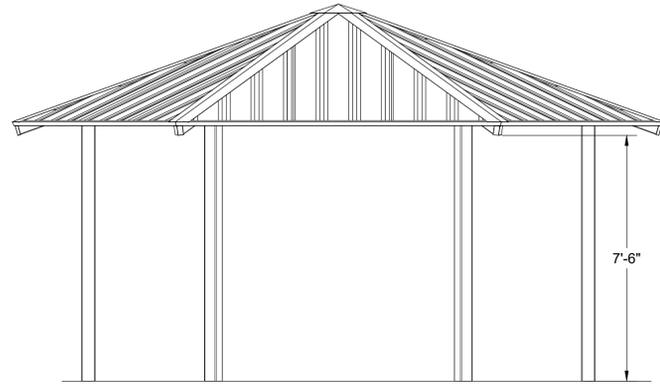
REVISIONS

DATE	DESCRIPTION
3.18.2024	

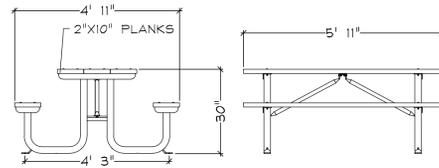
DATE: 3.18.2024
 PROJECT NO.: LN23143
 DRAWN: NKF
 CHECKED: REO
 SHEET NO.



L1.5

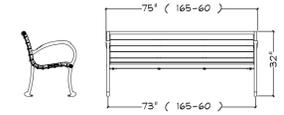


A
L1.6 **PICNIC SHELTER DETAIL**
SCALE: NTS



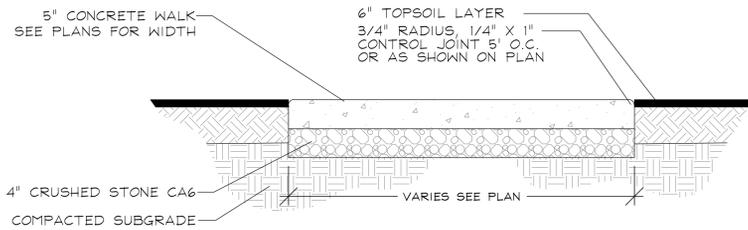
DUMOR PICNIC TABLE
MODEL: 77 SERIES
MATERIALS: WOOD WITH GALVANIZED SUPPORTS
INSTALL PER MANUFACTURER'S SPECIFICATIONS

B
L1.6 **PICNIC TABLE DETAIL**
SCALE: NTS

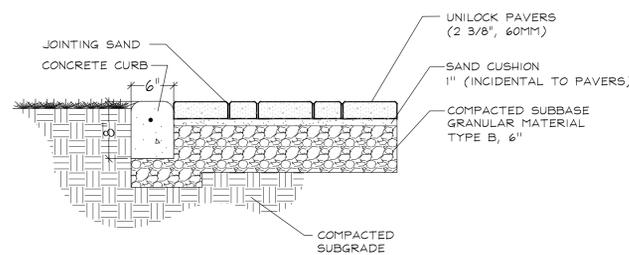


DUMOR SITE FURNISHINGS
MODEL: 165
COLOR: TEXTURED SILVER
SLATS: IPE WOOD
MOUNTING: SURFACE MOUNTED
INSTALL PER MANUFACTURER'S SPECIFICATIONS

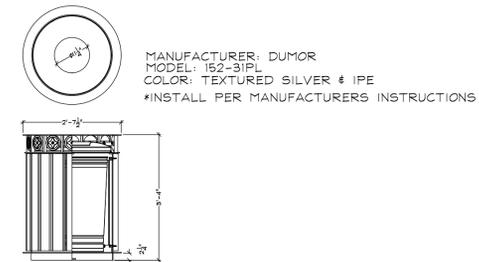
C
L1.6 **BENCH DETAIL**
SCALE: NTS



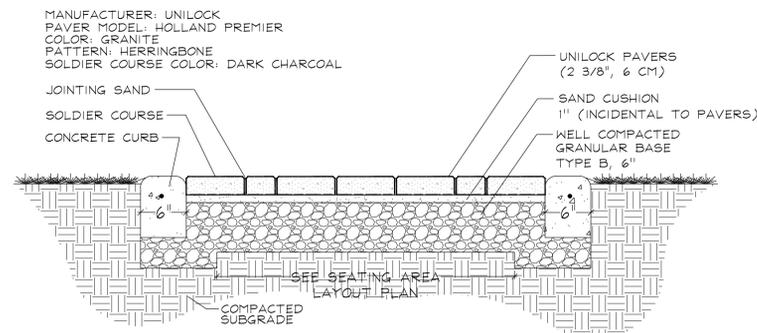
E
L1.6 **CONCRETE WALK**
SCALE: NTS



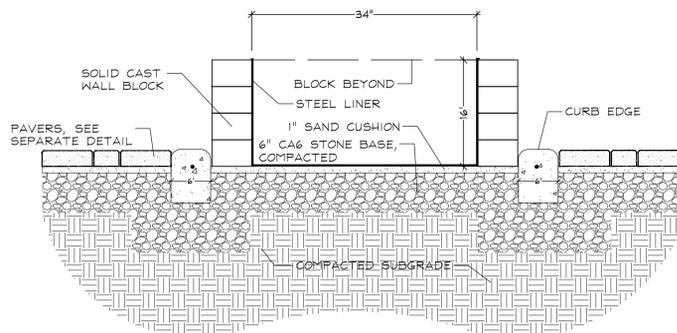
F
L1.6 **CONCRETE CURB**
SCALE: NTS



D
L1.6 **TRASH RECEPTACLE**
SCALE: NTS



G
L1.6 **CONCRETE PAVER DETAIL**
SCALE: NTS



H
L1.6 **FIRE PIT DETAIL**
SCALE: NTS



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

CLIENT
LENNAR
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

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

PRAIRIE MEADOWS
AURORA, ILLINOIS
AMENITY DETAILS

REVISIONS

DATE: 3.18.2024
PROJECT NO.: LN23143
DRAWN: NKF
CHECKED: REO
SHEET NO.:



L1.6

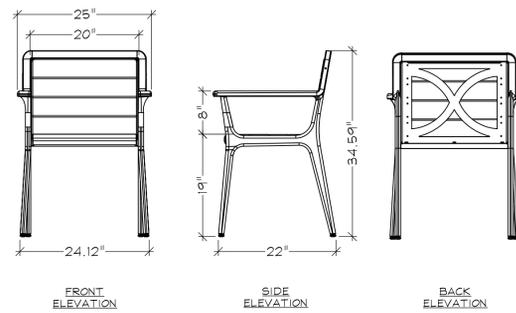


GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197

CLIENT
LENNAR
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

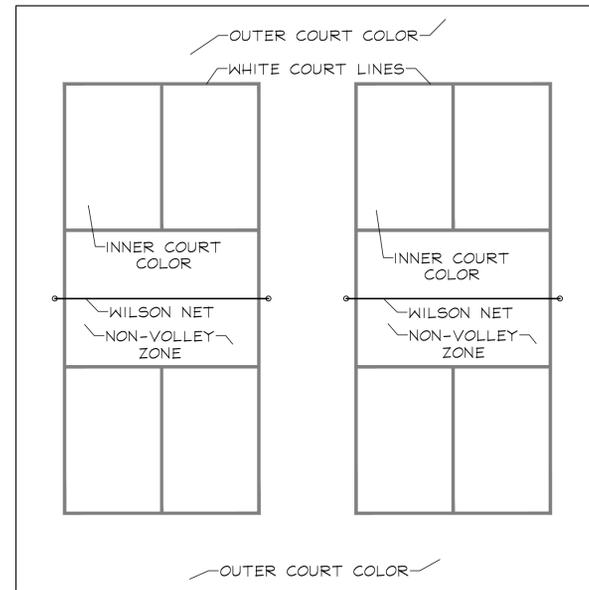
ENGINEER
CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, IL 60502

PRAIRIE MEADOWS
AURORA, ILLINOIS
AMENITY DETAILS



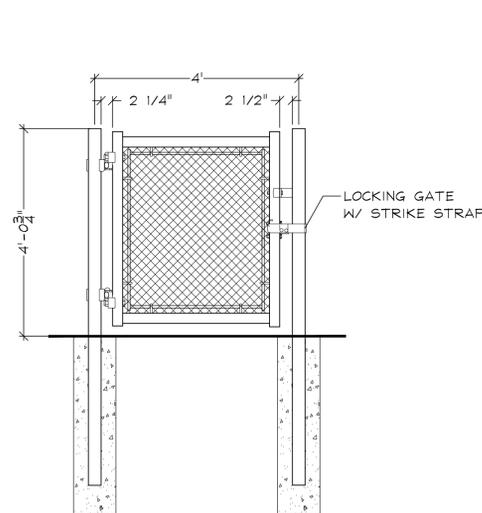
ANOVA
MODEL: ELV60T
COLOR: TEXTURED SILVER
SLATS: THERMOFORM
MOUNTING: SURFACE MOUNTED
INSTALL PER MANUFACTURER'S SPECIFICATIONS

I CHAIR DETAIL
SCALE: NTS

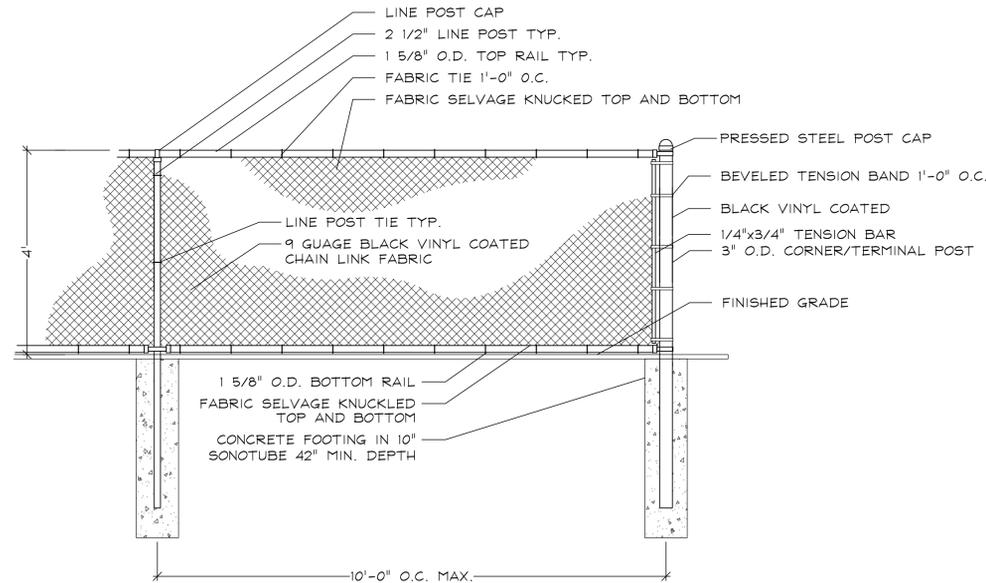


INNER COURT COLOR: LIGHT BLUE
OUTER COURT COLOR: BLUE
NON-VOLLEY ZONE: RED
BASE: ASPHALT
INSTALL PER MANUFACTURER'S SPECIFICATIONS

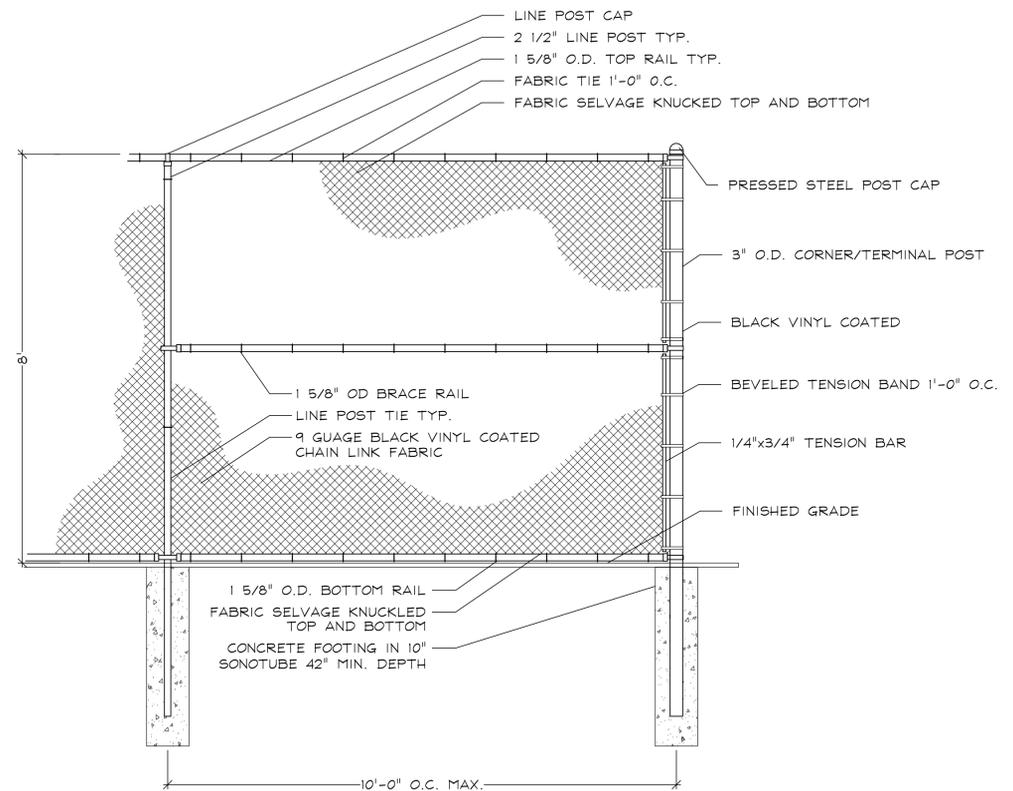
J PICKLEBALL COURT DETAILS
SCALE: NTS



K 4' GATE & FENCE DETAIL
SCALE: NTS



L 8' FENCE DETAIL
SCALE: NTS



REVISIONS

DATE: 3.18.2024
PROJECT NO.: LN23143
DRAWN: NKF
CHECKED: REO
SHEET NO.:

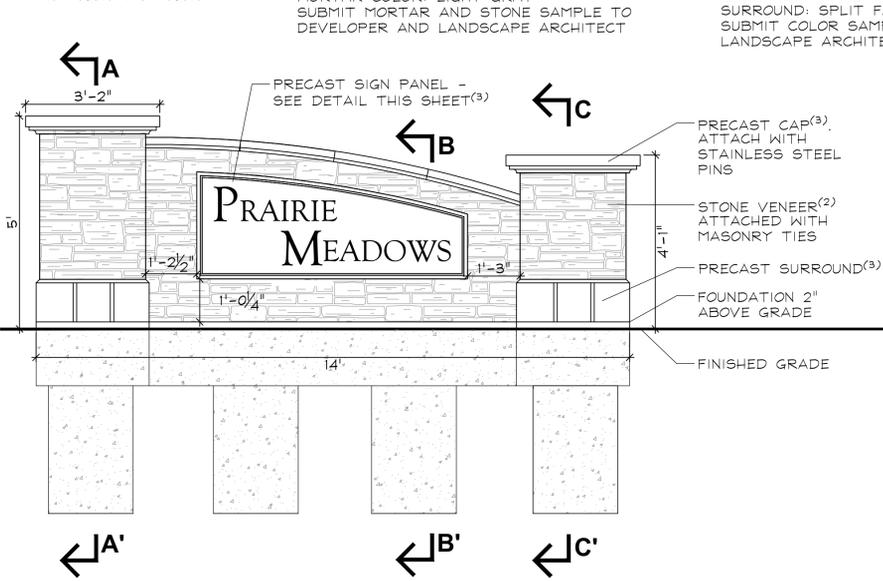


L1.7

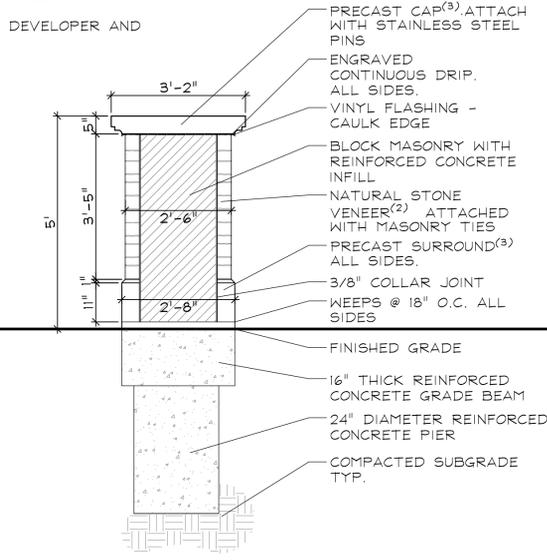
(1) SIGN LETTERING FONT: GOUDY OLD STYLE
10" TEXT & 6" TEXT

(2) NATURAL STONE VENEER: FOND DU LAC TAILORED BLEND BY BEUGHEL STONE CORP.
MORTAR COLOR: LIGHT GRAY
SUBMIT MORTAR AND STONE SAMPLE TO DEVELOPER AND LANDSCAPE ARCHITECT

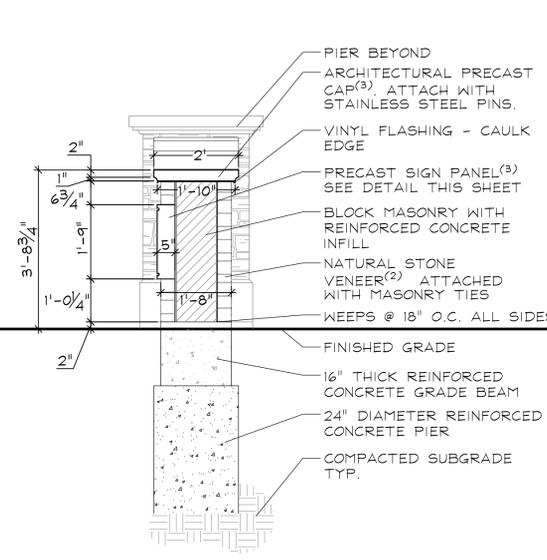
(3) PRE-CAST CONCRETE COLOR: WHITE BY CUSTOM STONEWORKS OR APPROVED EQUAL.
CAPS AND PANEL: SMOOTH FACE
SURROUND: SPLIT FACE
SUBMIT COLOR SAMPLE TO DEVELOPER AND LANDSCAPE ARCHITECT.



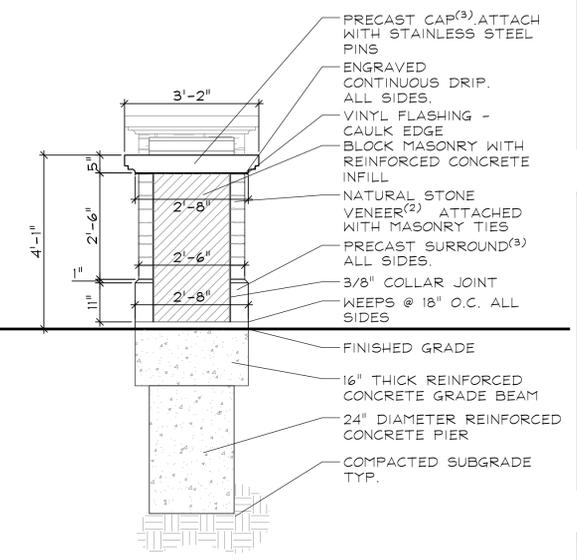
MONUMENT ELEVATION
SCALE: 1/2"=1'



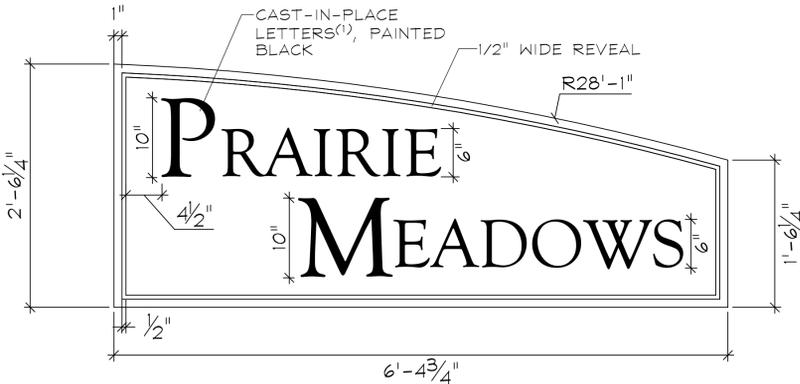
MONUMENT SECTION A-A'
SCALE: 1/2"=1'



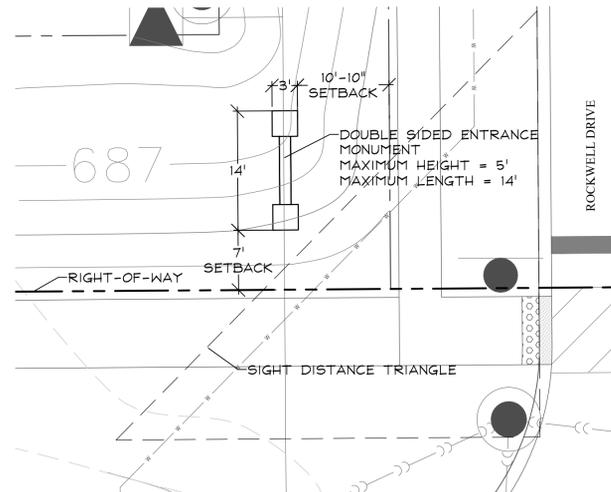
MONUMENT SECTION B-B'
SCALE: 1/2"=1'



MONUMENT SECTION C-C'
SCALE: 1/2"=1'



SIGN PANEL DETAIL
SCALE: 1/2"=1'
ENTRANCE MONUMENT SPECIFICATIONS



MONUMENT LAYOUT DETAIL
SCALE: 1"=10'

Elevation Data Table: Ground Signage				
Ground Sign #	Description	Value	Unit	
1	i) Length of street frontage - on which Sign is Located	914	Feet	
	ii) Width of Sign Face	6.40	Feet	
	iii) Height of Sign Face	2.52	Feet	
	vi) Square Footage of Sign Face	16	Square Feet	
	v) Height of Sign (overall)	5	Feet	
	vi) Width of Sign (overall)	14	Feet	
	vii) Type of Sign	Masonry		
	viii) Type of Sign Base	Masonry with Concrete Footings		
	ix) Is there a Digital Display	No		
		If Yes then, Location of Digital Display on the sign		
	Height of Digital Display		Feet	
	Width of Digital Display		Feet	
	Square Footage of Digital Display		Square Feet	
	Percent of Digital Display Sign Coverage		Percent	

- 1.0 DESCRIPTION OF WORK**
- The work consists of all labor, materials, work and equipment necessary and required to complete monuments, fence and foundations as shown on drawings or specified herein, including, but not limited to:
 - Submission of color and material samples
 - Submission of shop drawings
 - Submission of construction schedule
 - Verification of existing conditions and underground utilities
 - Secure and pay for all permits, fees, inspections and schedule all inspections related to work, including J.U.L.I.E. locates.
 - Comply with all applicable codes
- 2.0 QUALITY ASSURANCE**
- Construction shall conform to @Building Code Requirements for Engineered Brick Masonry, BIA, latest edition.
 - All brick and stone shall be finest architectural grade free of cracks, chips, defects, etc.
 - Installation shall be by a company continuously and regularly employed in the installation of brick and stone monuments for a period of at least 5 consecutive years.
 - No masonry shall be laid when the temperature is expected to fall below 40 degrees F, unless suitable means, submitted in writing to the owner, are provided to heat materials and protect the work. Protect work from cold and frost and insure that mortar will harden without freezing. No additives shall be used, unless approved in writing by the owner.
 - All corners of monuments and piers are to be staked by engineer and verified by the contractor.
- 3.0 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 the 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 plans; Notify J.U.L.I.E.; 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.
 - 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.

- 4.0 GUARANTEES**
- Guarantee monuments 1 year from final acceptance on owner's representative 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 whatever corrective actions are necessary to eliminate the problem. In addition, it shall be their responsibility to make restitution for their resulting repair work created by the problem.
- 5.0 SUBMITTALS**
- Construction Schedule: After award of the Contract, the Contractor shall prepare and submit to the owner or an owner authorized representative an estimated construction progress schedule for the work, including sub-schedules of related activities which are essential to its progress, as well as lead-time for materials.
 - Product Samples: Submit samples of stone, architectural pre-cast, mortars and sealants, slate, light fixtures, tile, and ornamental fencing for the owner's design conformance review prior to delivery to site.
 - Product Data: Submit product data for stone, limestone, architectural pre-cast, mortars and joint sealants, slate, tile, light fixtures, and ornamental fencing.
 - Provide certificate of insurance per the owner's requirements.
 - Provide names and contact information for any subcontractors and suppliers.
 - Shop Drawings:
 - Prepare and submit to the Owner's Representative for design conformance review complete cutting and setting drawings for all masonry work;
 - Submit one (1) set prints with following items in detail:
 - Sizes
 - Sections
 - Dimensions and numbering of stone and brick.
 - Arrangements of joints and bond.
 - Jointing as indicated on the contract drawings, unless modification is reviewed for design conformance by Owner's Representative prior to preparation of shop drawings.
 - Establish jointing in accordance with industry standards and practices where not indicated on contract drawings.

- 6.0 PRODUCT DELIVERY, STORAGE, AND HANDLING**
- Loading and Shipment:
 - Pack carefully for transportation, with exercise of all customary and reasonable precautions against damage in transit, all brick, and limestone to be used for the work.
 - Load and ship all brick and cut stone in a sequence mutually agreed upon by the General Contractor and the material supplier.
 - Unloading and Storage:
 - Receive and unload at site all brick and stone with necessary care in handling to avoid damage or soiling.
 - Store brick and stone clear of ground on non-staining skids. Wood containing tannin, chemical treatment, or excessive amounts of resin shall not be used.
 - Cover brick and stone with waterproof, clean canvas, or polyethylene for protection from construction or natural elements.
- 7.0 INSTALLATION**
- Mortar:
 - Cement: white, non-staining masonry cement, conforming to ASTM-C91.
 - Sand: Clean, sharp, and washed, capable of passing a No. 16 sieve, and in conformance with ASTM-C144. Carefully select sand for use in pointing mortar for color to match limestone. For pointing mortar, select a white sand.
 - Lint: Hydrated, conforming to ASTM-C207, Type S.
 - Water: Clear, non-alkaline, potable and free of oils, salts, and other harmful elements.
 - Foundation:
 - Concrete mix air entrainment, compressive strength at twenty-eight (28) days, and slump are to be designed and specified by the contractor's structural engineer.
 - Mortar Beds:
 - Lay brick with full mortar coverage on horizontal and vertical joints in all courses.
 - Provide sufficient mortar on ends of brick to completely fill head joints.
 - Rock closure into place with head joints thrown against two adjacent bricks in place.
 - Mortar Joints: Horizontal and vertical face joints:
 - Nominal thickness: 3/8 inch.
 - Construct uniform joints.
 - Shove vertical joints tight.

- Tool concave joints in exposed surfaces when thumbprint hard.
 - Width, depth, and tooling of all mortar joints shall be consistent and shall not vary more than 1/8".
 - Movement joints: Keep clean of all mortar and debris.
- E. Flashing:**
- Install complete and continuous under stone copings and other projections.
 - Lap joints 6". Seal entire contact surface with mastic.
 - Provide a mortar wash at the base of the cavity, underneath the through-wall flashing, pitching out.
 - Cover flashing with mortar.
- F. Weepholes**
- Provide 3/8" cotton rope weeps. Rope weeps shall extend thru the veneer face and inside the cavity, lying on top and along the bottom length of the flashing. Cut rope flush with wall face.
 - Maximum spacing: rope weeps: 16 inches o.c., at wall base; 16 inches o.c. at lintels above openings.
 - Keep weepholes and area above flashing free of mortar droppings.
- 8.0 CLEAN UP AND PROTECTION**
- All material shall be washed with fiber brushes, soap powder, and clean water or Owner reviewed mechanical cleaning process.
 - Sand blasting, wire brushes, or acids shall not be used. Exceptions may be considered if reviewed by the Owner or an Owner authorized representative.
 - During work, store materials and equipment as directed by the owner.
 - Protect work and materials from damage due to operations by other trades and trespassers. Maintain protection during installation.
- 9.0 INSPECTION AND ACCEPTANCE**
- The Owner and or the 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 these specifications.
 - Notify the Owner's representative when completed, for final design conformance review.



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

CLIENT
CAL ATLANTIC GROUP LLC
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

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

PRAIRIE MEADOWS
AURORA, ILLINOIS
MONUMENT DETAILS

1 4.24.2024
REVISIONS

DATE 3.18.2023
PROJECT NO. LN23143
DRAWN NKF
CHECKED REO
SHEET NO.

L1.8





GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-666-7197

CLIENT
CAL ATLANTIC GROUP LLC
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

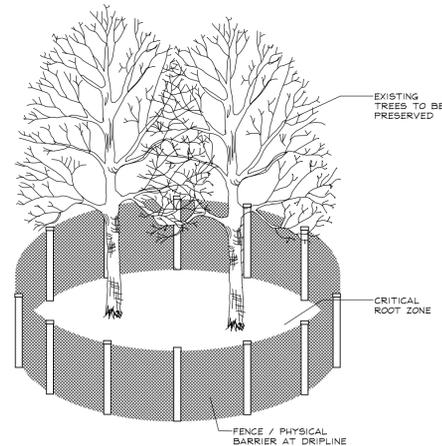
ENGINEER
CEMCON, LTD.
2280 WHITE OAK CIRCLE, SUITE 100
AURORA, IL 60502

PRAIRIE MEADOWS
AURORA, ILLINOIS
TREE PRESERVATION PLAN



TREE PRESERVATION NOTES

- 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.
- 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.
- Broken or badly bruised branches shall be removed with a clean cut. If recommended by the professional Arborist, Landscape Architect or Horticulturist.
- 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.
- 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.

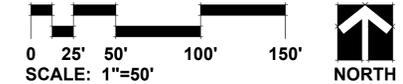


TREE PRESERVATION DETAIL
(NOT TO SCALE)
SEE NOTES

LEGEND

- 1234 (circle with cross) TREE TO BE PRESERVED
- 4023 (circle with X) TREE TO BE REMOVED

LANDSCAPE PLAN



REVISIONS	DATE
1	4.24.2024

DATE	3.18.2023
PROJECT NO.	LN23143
DRAWN	NKF
CHECKED	REO
SHEET NO.	



L1.9

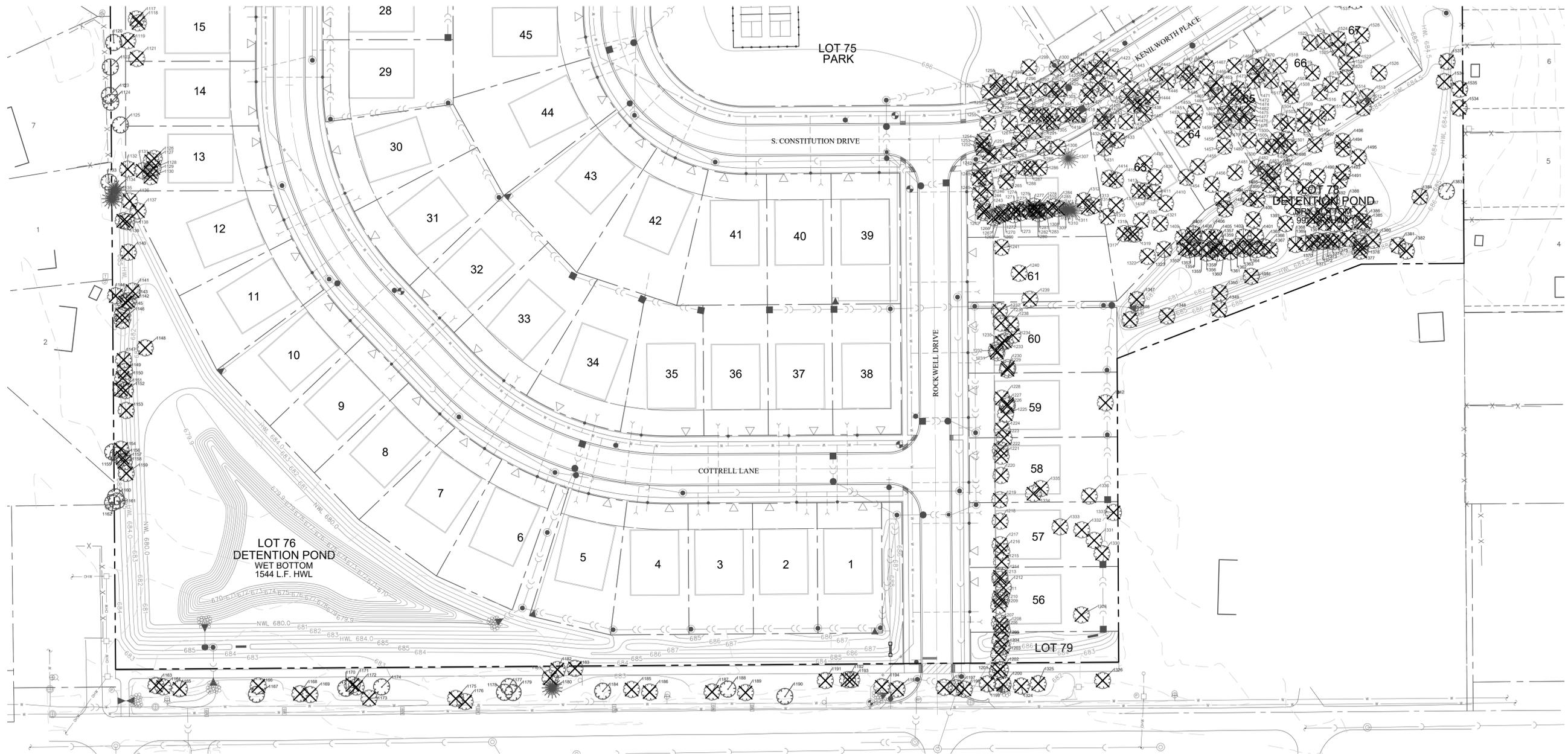


GARY R. WEBER
ASSOCIATES, INC.
LAND PLANNING
ECOLOGICAL CONSULTING
LANDSCAPE ARCHITECTURE
402 WEST LIBERTY DRIVE
WHEATON, ILLINOIS 60187
PHONE: 630-668-7197

CLIENT
CAL ATLANTIC GROUP LLC
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

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

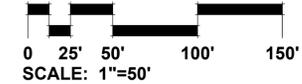
PRAIRIE MEADOWS
AURORA, ILLINOIS
TREE PRESERVATION PLAN



LEGEND

- 1234 TREE TO BE PRESERVED
- 4023 TREE TO BE REMOVED

LANDSCAPE PLAN



REVISIONS	DATE
1	4.24.2024

DATE	3.18.2023
PROJECT NO.	LN23143
DRAWN	NKF
CHECKED	REO
SHEET NO.	

L1.10



1015	Morus alba	White Mulberry	10.7	5	Poor	V-shaped joint, Double Leader, Split Risk, Unbalanced, Crown Lean	Cavity, Trunk Scar	REMOVE	
1016	Morus alba	White Mulberry	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	10% dead wood	REMOVE	
1017	Maclura pomifera	Osage Orange	26	5	Poor	Multi Leader, Split Leaders	Wood rot	REMOVE	
1018	Gleditsia tricanthos	Honey Locust	11	3	Fair	Lean, Unbalanced	Vines	REMOVE	
1019	Gleditsia tricanthos	Honey Locust	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	Lean	REMOVE	
1020	Juglans nigra	Black Walnut	11	3	Fair	Lean	Lean	REMOVE	
1021	Gleditsia tricanthos	Honey Locust	8.6	4	Fair/Poor	Crown Lean, Crowded	Trunk Scar	REMOVE	
1022	Acer negundo	Box Elder	17.2	7.6	5	Poor	Split Leaders, Strong Lean, Crown Lean	Wood rot, Cavity	REMOVE
1023	Acer negundo	Box Elder	16.1	6.3	5	Poor	Split Leaders	Wood rot, Cavity	REMOVE
1024	Maclura pomifera	Osage Orange	25.18, 17.14, 6.0	5	Poor	Multi Leader, Crown Lean	Hollow, Cavity	REMOVE	
1025	Morus alba	White Mulberry	11	5	Poor	Strong Lean, Crown Lean, Crowded	40% dead wood	REMOVE	
1026	Prunus serotina	Black Cherry	10	5	Poor	Crown Lean, Crowded	30% dead wood	REMOVE	
1027	Morus alba	White Mulberry	7.4	4	Fair/Poor	Crown Lean, Crowded	30% dead wood	REMOVE	
1028	Morus alba	White Mulberry	10.4	4	Fair/Poor	Lean, Crown Lean, Crowded	40% dead wood	REMOVE	
1029	Maclura pomifera	Osage Orange	16.13, 10.7	4	Fair/Poor	Multi Leader, Split Risk, Self-Crowding	Cavity	PRESERVE	
1030	Acer negundo	Box Elder	13	4	Fair/Poor	Strong Lean, Crown Lean, Crowded	20% dead wood	PRESERVE	
1031	Acer negundo	Box Elder	3	5	Poor	Crown Lean, Horizontal Growth	30% dead wood	PRESERVE	
1032	Acer negundo	Box Elder	9	5	Poor	Strong Lean, Horizontal Growth	Trunk Damage	PRESERVE	
1033	Acer negundo	Box Elder	20.3	3	Fair	Lean, Unbalanced, Crown Lean	20% dead wood	PRESERVE	
1034	Acer negundo	Box Elder	14	5	Poor	Strong Lean, Crowded, Horizontal Growth	Cavity	PRESERVE	
1035	Acer negundo	Box Elder	4	4	Fair/Poor	Lean, Unbalanced, Crown Lean	20% dead wood	PRESERVE	
1036	Maclura pomifera	Osage Orange	30.28, 34.4	5	Poor	Multi Leader, Split Risk	20% dead wood, Trunk Damage	PRESERVE	
1037	Prunus serotina	Black Cherry	16	5	Poor	Lean, Unbalanced	20% dead wood, Trunk Damage	PRESERVE	
1038	Prunus serotina	Black Cherry	10	4	Fair/Poor	Lean, Crown Lean, Crowded	10% dead wood	REMOVE	
1039	Gleditsia tricanthos	Honey Locust	8	3	Fair	Crown Lean, Crowded	Lean	REMOVE	
1040	Prunus serotina	Black Cherry	8	3	Fair	Crown Lean, Crowded	20% dead wood	REMOVE	
1041	Morus alba	White Mulberry	15.4	4	Fair/Poor	Lean, Crown Lean	40% dead wood	REMOVE	
1042	Morus alba	White Mulberry	10.4	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1043	Maclura pomifera	Osage Orange	24.22, 20.14, 14.12	5	Poor	Multi Leader, Split Risk, Crowded	Trunk Damage	PRESERVE	
1044	Gleditsia tricanthos	Honey Locust	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1045	Gleditsia tricanthos	Honey Locust	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1046	Prunus serotina	Black Cherry	9	5	Poor	Strong Lean, Crowded	30% dead wood	REMOVE	
1047	Maclura pomifera	Osage Orange	18.1	5	Poor	Double Leader, Strong Lean	Damage	PRESERVE	
1048	Maclura pomifera	Osage Orange	22	5	Poor	Double Leader, Crown Lean	Unbalanced, dead wood, Wood rot, Cavity	PRESERVE	
1049	Acer negundo	Box Elder	7.4	4	Fair/Poor	Crowded	20% dead wood	PRESERVE	
1050	Gleditsia tricanthos	Honey Locust	37	2	Good	Lean	20% dead wood	PRESERVE	
1051	Acer negundo	Box Elder	8	5	Poor	Strong Lean, Crown Lean, Crowded	10% dead wood	REMOVE	
1052	Gleditsia tricanthos	Honey Locust	9	4	Fair/Poor	Lean, Unbalanced, Crowded	10% dead wood	REMOVE	
1053	Gleditsia tricanthos	Honey Locust	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded, Horizontal Growth	Cavity	REMOVE	
1054	Maclura pomifera	Osage Orange	18.12, 10.9, 7.4	4	Fair/Poor	Multi Leader, Crown Lean, Crowded	Cavity	PRESERVE	
1055	Acer negundo	Box Elder	26	3	Fair	Lean, Crown Lean	10% dead wood	PRESERVE	
1056	Gleditsia tricanthos	Honey Locust	37.14, 12.9	5	Poor	Multi Leader, Broken Leader	Wood rot, Cavity, Trunk Damage	PRESERVE	
1057	Morus alba	White Mulberry	10.4	4	Fair/Poor	Lean, Crown Lean, Crowded	Lean	REMOVE	
1058	Acer negundo	Box Elder	6.2	4	Fair/Poor	Lean, Crown Lean, Crowded	10% dead wood	PRESERVE	
1059	Maclura pomifera	Osage Orange	38.28, 11.8	4	Fair/Poor	Multi Leader, Fused Leaders	Trunk Scar	PRESERVE	
1060	Celtis occidentalis	Hackberry	13	5	Poor	Crown Lean, Broken Leader	Trunk Scar	PRESERVE	
1061	Morus alba	White Mulberry	11.9	4	Fair/Poor	Multi Leader, Split Risk	20% dead wood, Cavity	PRESERVE	
1062	Acer saccharum	Silver Maple	13	4	Fair/Poor	Strong Lean, Crown Lean	Lean	PRESERVE	
1063	Gleditsia tricanthos	Honey Locust	6.4	4	Fair/Poor	Lean, Crown Lean, Crowded	Horizontal Growth	REMOVE	
1064	Acer negundo	Box Elder	8	5	Poor	Horizontal Growth	Horizontal Growth	REMOVE	
1065	Prunus serotina	Black Cherry	8.6	4	Fair/Poor	Double Leader, Lean, Crowded	Horizontal Growth	REMOVE	
1066	Gleditsia tricanthos	Honey Locust	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	Horizontal Growth	REMOVE	
1067	Gleditsia tricanthos	Honey Locust	12	3	Fair	Lean, Unbalanced, Crown Lean	Horizontal Growth	REMOVE	
1068	Acer saccharum	Silver Maple	13	3	Fair	Unbalanced, Crown Lean	Horizontal Growth	REMOVE	
1069	Acer negundo	Box Elder	29.4	4	Fair/Poor	Strong Lean, Unbalanced	Dead Limbs	PRESERVE	
1070	Morus alba	White Mulberry	12.12, 10.9, 4	4	Fair/Poor	Multi Leader, Split Risk, Lean, Crown Lean	10% dead wood	REMOVE	
1071	Morus alba	White Mulberry	8	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1072	Prunus serotina	Black Cherry	6.4	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1073	Morus alba	White Mulberry	10	5	Poor	Strong Lean, Crown Lean, Crowded	Trunk Damage, Root Mounding	REMOVE	
1074	Maclura pomifera	Osage Orange	44.9	5	Poor	Multi Leader, Split Risk, Fused Leaders	50% dead wood, Wood rot, Cavity, Trunk Damage	PRESERVE	
1075	Maclura pomifera	Osage Orange	34.17, 11.8	5	Poor	Multi Leader, Split Risk, Fused Leaders	50% dead wood, Wood rot, Cavity, Trunk Scar	PRESERVE	
1076	Morus alba	White Mulberry	24	4	Fair/Poor	Lean, Unbalanced, Crown Lean	30% dead wood	REMOVE	
1077	Acer negundo	Box Elder	26	3	Fair	Lean, Unbalanced, Crown Lean	20% dead wood	PRESERVE	
1078	Prunus serotina	Black Cherry	6	5	Poor	Strong Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1079	Acer negundo	Box Elder	9	5	Poor	Strong Lean	20% dead wood, Dead Leader, Trunk Damage, Peeling Bark	REMOVE	
1080	Prunus serotina	Black Cherry	12	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	PRESERVE	
1081	Prunus serotina	Black Cherry	14.9	4	Fair/Poor	Lean, Crown Lean, Crowded	30% dead wood	PRESERVE	
1082	Prunus serotina	Black Cherry	10	4	Fair/Poor	Lean, Crown Lean, Crowded	30% dead wood	PRESERVE	
1083	Acer negundo	Box Elder	19	4	Fair/Poor	Strong Lean, Crown Lean	20% dead wood	PRESERVE	
1084	Prunus serotina	Black Cherry	11	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1085	Prunus serotina	Black Cherry	12	5	Poor	Crown Lean, Crowded	50% dead wood, Trunk Damage	REMOVE	
1086	Prunus serotina	Black Cherry	11	5	Poor	Unbalanced, Crown Lean	Trunk Damage, Vines	REMOVE	
1087	Morus alba	White Mulberry	12	4	Fair/Poor	Lean, Crown Lean, Crowded	10% dead wood	REMOVE	
1088	Morus alba	White Mulberry	6.4	4	Fair/Poor	Lean, Crown Lean, Crowded	10% dead wood	REMOVE	
1089	Rhus glabra	Smooth Sumac	7	5	Poor	Strong Lean	20% dead wood, Trunk Damage	REMOVE	
1090	Morus alba	White Mulberry	12	4	Fair/Poor	V-shaped joint, Double Leader, Split Risk, Crown Lean	Cavity	REMOVE	
1091	Prunus serotina	Black Cherry	9	4	Fair/Poor	Lean, Crown Lean, Crowded	Vines	REMOVE	
1092	Acer negundo	Box Elder	30.26	5	Poor	Double Leader, Split Risk, Lean	Wood rot, Cavity	PRESERVE	
1093	Pinus strobus	White Pine	9.25	3	Fair	Unbalanced, Crown Lean	Lean	PRESERVE	
1094	Pinus strobus	White Pine	14.5	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1095	Pinus strobus	White Pine	12.5	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1096	Pinus strobus	White Pine	29	5	Poor	U-shaped joint, Double Leader, Split Risk	Dead Limbs	REMOVE	
1097	Celtis occidentalis	Hackberry	34	3	Fair	U-shaped joint, Double Leader, Split Risk	Cavity	PRESERVE	
1098	Picea abies	Norway Spruce	14.5	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1099	Picea abies	Norway Spruce	11.3	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1100	Picea abies	Norway Spruce	12.3	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1101	Picea abies	Norway Spruce	14.5	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1102	Picea abies	Norway Spruce	14.2	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1103	Celtis occidentalis	Hackberry	36	4	Fair/Poor	Fused Leaders	Cavity	PRESERVE	
1104	Picea abies	Norway Spruce	18	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1105	Picea abies	Norway Spruce	13.5	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1106	Picea abies	Norway Spruce	8	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1107	Acer saccharum	Silver Maple	44	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1108	Pinus strobus	White Pine	10.2	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1109	Quercus alba	Red Oak	42	2	Good	Unbalanced, Crowded	Lean	PRESERVE	
1110	Acer saccharum	Silver Maple	36	3	Fair	Unbalanced, Crowded	Lean	PRESERVE	
1111	Acer saccharum	Silver Maple	38	3	Fair	Unbalanced, Crowded	Lean	REMOVE	
1112	Acer saccharum	Silver Maple	54	4	Fair/Poor	V-shaped joint, Double Leader, Split Risk, Fused Leaders	10% dead wood	PRESERVE	
1113	Acer saccharum	Silver Maple	40	3	Fair	V-shaped joint, Double Leader, Split Risk, Fused Leaders	10% dead wood	REMOVE	
1114	Prunus serotina	Black Cherry	38	5	Poor	V-shaped joint, Double Leader, Split Risk, Fused Leaders	Wood rot, Cavity	REMOVE	
1115	Prunus serotina	Black Cherry	12	3	Fair	Lean	30% dead wood	REMOVE	
1116	Prunus serotina	Black Cherry	10	3	Fair	Lean, Unbalanced	30% dead wood	PRESERVE	
1117	Prunus serotina	Black Cherry	17	4	Fair/Poor	Lean, Crown Lean, Crowded	20% dead wood	REMOVE	
1118	Morus alba	White Mulberry	7.4	4	Fair/Poor	Lean, Crown Lean, Crowded	Lean	REMOVE	
1119	Morus alba	White Mulberry	16.18	5	Poor	V-shaped joint, Double Leader, Split Risk	Cavity, Trunk Damage	REMOVE	
1120	Prunus serotina	Black Cherry	15	5	Poor	Strong Lean, Crown Lean, Broken Limb	Lean	PRESERVE	
1121	Morus alba	White Mulberry	26.16, 12.12, 8	4	Fair/Poor	Multi Leader, Split Risk	Cavity, Trunk Damage	REMOVE	
1122	Morus alba	White Mulberry	20	5	Poor	V-shaped joint, Double Leader, Split Risk	Cavity	PRESERVE	
1123	Prunus serotina	Black Cherry	15	3	Fair	Lean, Crown Lean	Lean	PRESERVE	
1124	Prunus serotina	Black Cherry	14	3	Fair	Lean, Crown Lean	Lean	PRESERVE	
1125	Morus alba	White Mulberry	20.18	5	Poor	V-shaped joint, Double Leader, Split Risk	20% dead wood, Cavity, Trunk Damage	PRESERVE	
1126	Ulmus americana	American Elm	9	3	Fair	Lean, Crown Lean, Crowded	Lean	REMOVE	
1127	Morus alba	White Mulberry	6	3	Fair	Lean	Lean	REMOVE	
1128	Acer saccharum	Silver Maple	6	3	Fair	Lean	Lean	REMOVE	
1129	Acer saccharum	Silver Maple	6	3	Fair	Lean	Lean	REMOVE	
1130	Acer saccharum	Silver Maple	7	3	Fair	Lean	Lean	REMOVE	
1131	Morus alba	White Mulberry	7.2	4	Fair/Poor	Crowded	20% dead wood, Trunk Damage	REMOVE	
1132	Ulmus americana	American Elm	6	3	Fair	Unbalanced, Crown Lean	Vines	REMOVE	
1133	Prunus serotina	Black Cherry	20	3	Fair	Lean	20% dead wood	REMOVE	
1134	Thuja occidentalis	Arborvitae	7	1	2	Good	Lean	REMOVE	
1135	Thuja occidentalis	Arborvitae	8	2	2	Good	Lean	REMOVE	
1136	Acer saccharum	Silver Maple	18.18, 14	4	Fair/Poor	V-shaped joint, Multi Leader, Split Risk, Lean	20% dead wood	REMOVE	
1137	Acer saccharum	Silver Maple	12	4	Fair/Poor	Lean, Crown Lean, Crowded	Lean	REMOVE	
1138	Morus alba	White Mulberry	30.28, 23.20	5	Poor	Multi Leader, Split Risk, Broken Leader	Dead Limbs, Cavity	REMOVE	
1139	Morus alba	White Mulberry	15	5	Poor	Lean	30% dead wood, Cavity	REMOVE	
1140	Juniperus virginiana	Red Cedar	9.25	4	Fair/Poor	Lean	20% dead wood	REMOVE	
1141	Morus alba	White Mulberry	28	4	Fair/Poor	Double Leader, Split Risk	30% dead wood, Wood rot, Cavity	REMOVE	
1142	Morus alba	White Mulberry	14.12, 10.18	5	Poor	V-shaped joint, Multi Leader, Split Risk	40% dead wood, Dead Leader, Cavity	REMOVE	
1143	Morus alba	White Mulberry	11.9	5	Poor	Double Leader, Lean, Crown Lean	Cavity, Trunk Damage	REMOVE	
1144	Morus alba	White Mulberry	20.12	4	Fair/Poor	Unbalanced, Crown Lean	Lean	REMOVE	
1145	Morus alba	White Mulberry	11.11, 10	5	Poor	Multi Leader, Split Risk	50% dead wood, Dead Leader, Trunk Damage	REMOVE	

350	Acer saccharum	Silver Maple	7	2	Good	Lean	Lean	REMOVE
351	Populus deltoides	Eastern Cottonwood	17	3	Fair	Unbalanced	Lean	REMOVE
352	Acer saccharum	Silver Maple	8.8	4	Fair/Poor	Lean, Unbalanced, Crown Lean	30% dead wood	REMOVE
353	Acer saccharum	Silver Maple	8.4	4	Fair/Poor	Unbalanced	Adventitious Growth	REMOVE
354	Acer saccharum	Silver Maple	8.4	4	Fair/Poor	Unbalanced, Crown Lean	Adventitious Growth	REMOVE
355	Populus deltoides	Eastern Cottonwood	16	2	Good	Lean	Lean	REMOVE
356	Populus deltoides	Eastern Cottonwood	14	4	Fair/Poor	V-shaped joint, Split Risk	30% dead wood	PRESERVE
357	Populus deltoides	Eastern Cottonwood	14.3	3	Good	V-shaped joint, Split Risk	30% dead wood	PRESERVE
358	Populus deltoides	Eastern Cottonwood	14.3	3	Good	V-shaped joint, Split Risk	30% dead wood	PRESERVE
359	Populus deltoides	Eastern Cottonwood	10.4	4	Fair/Poor	V-shaped joint, Split Risk	30% dead wood	PRESERVE
360	Acer saccharum	Silver Maple	9	3	Fair	V-shaped joint, Split Risk	30% dead wood	REMOVE
361	Populus deltoides	Eastern Cottonwood	9.12	4	Fair/Poor	V-shaped joint, Split Risk	30% dead wood	REMOVE
362	Populus deltoides	Eastern Cottonwood	14.8	4	Fair/Poor	V-shaped joint, Split Risk	30% dead wood	REMOVE
363	Populus deltoides	Eastern Cottonwood	16	3	Fair	Lean	30% dead wood	REMOVE
364	Populus deltoides	Eastern Cottonwood	16	3	Fair	Lean	30% dead wood	REMOVE
365	Populus deltoides	Eastern Cottonwood	14.3	4	Fair/Poor	Crown Lean	30% dead wood	REMOVE
366	Populus deltoides	Eastern Cottonwood	8.4	4	Fair/Poor	Lean	30% dead wood	REMOVE
367	Populus deltoides	Eastern Cottonwood	20	2	Good	Lean	30% dead wood	REMOVE
368	Salix nigra	Black Willow	8.4	4	Fair/Poor	Lean, Broken Limb	Lean	REMOVE
369	Populus deltoides	Eastern Cottonwood	7	2	Good	Lean	Lean	REMOVE
370	Acer saccharum	Silver Maple	7	2	Good	Lean	Lean	REMOVE
371	Populus deltoides	Eastern Cottonwood	14	2	Good	Lean	Lean	REMOVE
372	Acer saccharum	Silver Maple	13.11, 8.8	5	Poor	V-shaped joint, U-shaped joint, Split Risk	Cavity	REMOVE
373	Ulmus americana	American Elm	8	2	Good	Lean	Lean	REMOVE
374	Populus deltoides	Eastern Cottonwood	8	3	Fair	Broken Limb	Lean	PRESERVE
375	Juglans nigra	Black Walnut	6	2	Good	Lean	Lean	PRESERVE
376	Juglans nigra	Black Walnut	6	2	Good	Lean	Lean	PRESERVE

Table with columns for ID, Species, Height, Diameter, Location, Condition, and Action. Rows list various tree species like Acer saccharum, Thuja occidentalis, and Quercus alba with their respective details.



GARY R. WEBER ASSOCIATES, INC. LAND PLANNING ECOLOGICAL CONSULTING LANDSCAPE ARCHITECTURE

402 WEST LIBERTY DRIVE WHEATON, ILLINOIS 60187 PHONE: 630-666-7197

CLIENT CAL ATLANTIC GROUP LLC 1700 EAST GOLF ROAD, SUITE 1100 SCHAMBURG, IL 60173

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

PRAIRIE MEADOWS TREE INVENTORY AURORA, ILLINOIS

1 REVISIONS 4.24.2024

DATE 3.18.2023 PROJECT NO. LN23143 DRAWN NKF CHECKED REO

81 L1.12 Know what you do. Know when to stop.

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

Shoreline Emergent
Stormwater basin bottoms from NWL to 4" below NWL

Botanical Name	Common Name	lbs / AC	Plugs / AC
<i>Alisma subcordatum</i>	Water Plantain	1.250	494
<i>Carex comosa</i>	Bristly Sedge	0.125	494
<i>Carex vulpinoidea</i>	Fox Sedge	0.250	988
<i>Eleocharis obtusa</i>	Blunt Spike Rush	0.250	494
<i>Iris virginica shrevei</i>	Blue Flag	0.500	988
<i>Juncus effusus</i>	Common Rush	0.500	494
<i>Juncus torreyi</i>	Torreys Rush	0.125	494
<i>Leersia oryzoides</i>	Rice Cut Grass	1.250	494
<i>Pontederia cordata</i>	Pickeral Weed	0.250	988
<i>Sagittaria latifolia</i>	Common Arrowhead	1.250	494
Total Emergent Wetland Mix		5.750	6422

Deep Water Emergent

Stormwater basin bottoms from 4" to 12" below NWL

Botanical Name	Common Name	Plugs / AC
<i>Acorus americanus</i>	Sweet Flag	988
<i>Scirpus acutus</i>	Hardstem Bulrush	988
<i>Scirpus fluviatilis</i>	River Bulrush	988
<i>Schoenoplectus pungens</i>	Chairmakers Rush	988
<i>Schoenoplectus tabernaemontani</i>	Softstem Bulrush	988
<i>Sparganium eurycarpum</i>	Bur Reed	988
Total Emergent Wetland Mix		5928

Aquatic Zone

Stormwater basin open water components ≥12" below NWL

Botanical Name	Common Name	Tubers / AC
<i>Nymphaea tuberosa</i>	White Water Lily	1250
<i>Nuphar advena</i>	Spatterdock	1250
Total Emergent Wetland Mix		2500

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>Symphoricarpos 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>Panicum virgatum</i>	Prairie Switch Grass	0.125
<i>Elymus trachycaulus</i>	Slender Wheatgrass	2.000
<i>Elymus canadensis</i>	Prairie Wild Rye	1.000
<i>Schizachyrium scoparium</i>	Little Bluestem	6.000
Total Grasses		17.125

Wildflowers/Broadleaves

<i>Allium cernuum</i>	Nodding Wild Onion	0.190
<i>Amorpha canescens</i>	Lead Plant	0.125
<i>Asclepias canadensis</i>	Whorled Milkweed	0.063
<i>Asclepias tuberosa</i>	Butterflyweed	0.500
<i>Astragalus canadensis</i>	Canada Milk Vetch	0.063
<i>Coreopsis palmata</i>	Prairie Coreopsis	0.025
<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	0.063
<i>Parthenium integrifolium</i>	Wild Quinine	0.016
<i>Penstemon digitalis</i>	Foxglove Beard Tongue	0.125
<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>Symphoricarpos leave</i>	Smooth Blue Aster	0.063
<i>Tradescantia ohensis</i>	Common Spiderwort	0.063
<i>Verbena stricta</i>	Hoary Vernain	0.125
<i>Zizia aurea</i>	Golden Alexanders	0.500
Total Forbs		5.640

Total Low Profile Prairie Seed Mix 22.765



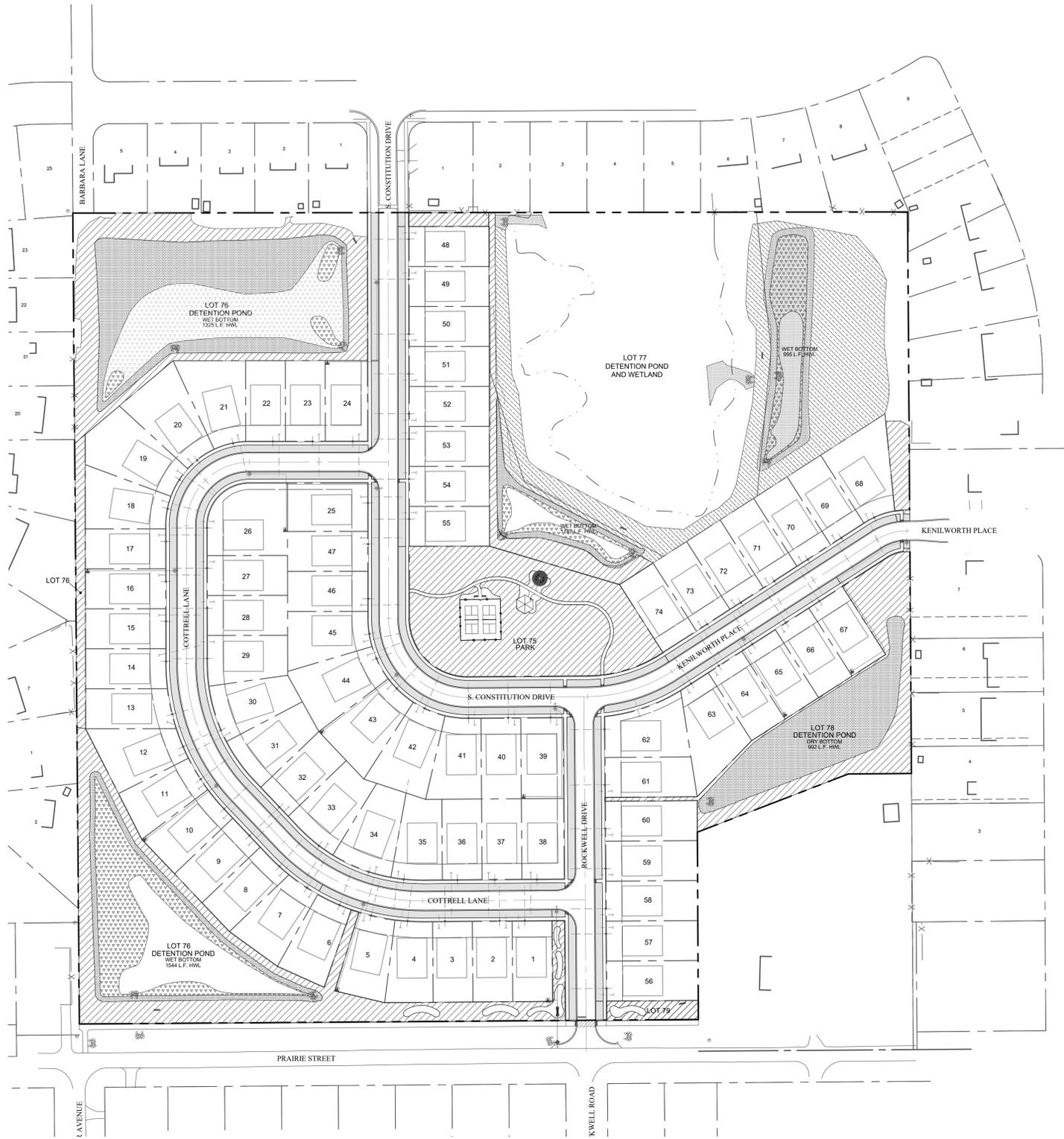
Dry-Bottom Seed Mixture
Basin Bottom from outlet to open water

Botanical Name	Common Name	lbs / AC
Grasses / Sedges		
<i>Agrostis stolonifera</i>	Bent Grass	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 vulpinoidea</i>	Brown Fox Sedge	0.250
<i>Elymus canadensis</i>	Canada Wild Rye	2.000
<i>Elymus virginicus</i>	Virginia Wild Rye	3.000
<i>Glyceria striata</i>	Fowl Manna Grass	0.130
<i>Juncus torreyi</i>	Torreys Rush	0.031
<i>Panicum virgatum</i>	Switch Grass	3.000
<i>Schizachyrium scoparium</i>	Little Bluestem	4.000
<i>Scirpus atrovirens</i>	Dark Green Bulrush	0.060
<i>Scirpus cyperinus</i>	Wool Grass	0.030
Total Grasses / Sedges		13.641

Wildflowers/Broadleaves

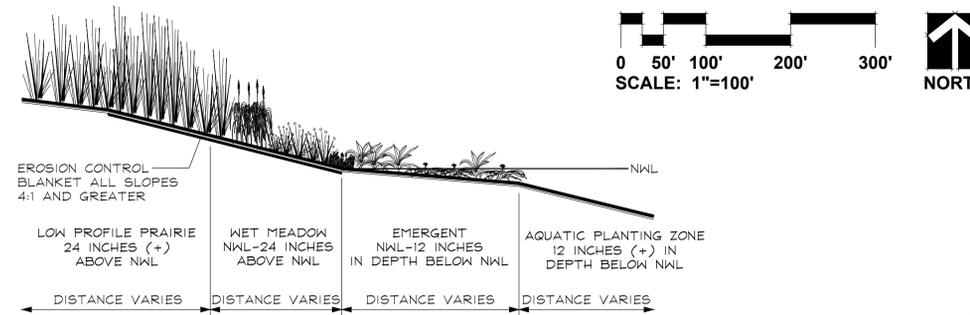
<i>Asclepias incarnata</i>	Swamp Milkweed	0.125
<i>Asclepias tuberosa</i>	Butterfly Weed	0.125
<i>Chamaecrista fasciculata</i>	Partridge pea	1.000
<i>Echinacea purpurea</i>	Purple Coneflower	0.500
<i>Eryngium yuccifolium</i>	Rattlesnake Master	0.500
<i>Euthamia graminifolia</i>	Grassleaved Goldenrod	0.250
<i>Helenium autumnale</i>	Sneezeweed	0.250
<i>Liatris spicata</i>	Marsh Blazing Star	0.250
<i>Monarda fistulosa</i>	Wild Bergamot	0.500
<i>Penstemon digitalis</i>	Foxglove Beardtongue	0.250
<i>Pycnanthemum virginianum</i>	Common Mountain Mint	0.063
<i>Rudbeckia hirta</i>	Black-Eyed Susan	0.250
<i>Solidago rigida</i>	Stiff Goldenrod	0.125
<i>Zizia aurea</i>	Golden Alexanders	0.500
Total Forbs		4.688

Total Dry Bottom Seed Mix 18.329



SEED & SOD LEGEND

Key	Description
	NSMA SIGN
	SOD
	TURF SEED & BLANKET
	LOW-PROFILE PRAIRIE PLANTINGS
	EMERGENT PLANTINGS
	WET MEADOW PLANTINGS



NATURALIZED STORMWATER BASIN SECTION
NOT TO SCALE

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

CLIENT
CAL ATLANTIC GROUP LLC
1700 EAST GOLF ROAD, SUITE 1100
SCHAUMBURG, IL 60173

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

PRAIRIE MEADOWS
AURORA, ILLINOIS
SEED & SOD EXHIBIT

1 4.24.2024
REVISIONS

DATE 3.18.2023
PROJECT NO. LN23143
DRAWN NKF
CHECKED REO
SHEET NO.

L1.13

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:

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

1.2 QUALITY ASSURANCE

- A. Work shall conform to State of Illinois Horticultural Standards and local municipal requirements.
B. Quality Control Procedures:
1. Ship landscape materials with certificates of inspection as required by governmental authorities.
2. Do not make substitutions.
3. Analysis and Standards: Package standard products with manufacturer's certified analysis.

1.3 SUBMITTALS

- A. Planting Schedule
B. Maintenance Instruction - Landscape Work
C. Submit two (2) copies of soil test of existing topsoil with recommendations for soil additive requirement to Landscape Architect for review and written approval.
D. 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.
E. 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

- A. 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.
B. 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.
C. 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

- A. Guarantee seeded and sodded areas through the specified maintenance period (2 yrs) and until final acceptance.
B. 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.
C. 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.
2nd Full Growing Season: All areas with the exception of emergent zones shall exhibit full vegetative cover.
3rd Full Growing Season: At least 75% of vegetation coverage shall be native, non-invasive species.
Invasive species for this project shall include the following: Ambrrosia artemisiifolia & trifida (Common & 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), Fallopia japonica (Japanese Knotweed), Rhamnus cathartica & frangula (Common & 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 6-way blend of Kentucky Bluegrass such as: Midnight, Alliance, 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

- A. Name and Variety: Provide nursery grown plant material true to name and variety.
B. 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.
C. 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.
D. 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.
E. 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.
F. 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 bolls or roots, diseases, insects and latent defects or injuries.

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 in all turf or native areas. Topsoil shall be conditioned based on any recommendations resulting from the soil test in 1.3.C.

2.5 AMENDED SOIL MIXTURE

Provide amended soil mixture consisting of 20% sand, 30% compost & 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

- A. Lawn Seed Areas Erosion Control Blanket: North American Green DS75, or equivalent approved equal.
B. Native Areas Erosion Control Blanket: North American Green S150, or equivalent approved equal.
C. Shoreline and Sloped Berm Areas Erosion Control Blanket: North American Green SC150, or approved equal.
D. Refer to latest Engineering & 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

- A. Sodding New Lawns
1. Remove existing grass, vegetation and turf.
2. 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.
3. Sodded areas shall receive an application of commercial fertilizer at the rate of 10 lbs. per 1,000 sq. ft.
4. Lay sod within 24 hours from time of stripping.
5. Lay sod to form a solid mass with tightly fitted joints.
6. Water sod thoroughly with a fine spray immediately after planting.

B. Seeding Native Areas

- 1. The period for planting prairie seed shall be from April 1 to June 15 or September 15 to just before the first frost.
2. 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.
3. If present, compacted soils shall be disked or raked prior to seeding.
4. Prior to seeding, planting areas shall have at least twelve inches of clean un-compacted topsoil.
5. Granular mycorrhizal inoculants shall be installed with the seed mix at a rate of 40lbs/ acre.
6. Contractor shall be solely responsible for the proper handling and storage of the seed according to the best seed handling and storage practices.
7. Except where site conditions preclude their use, seeding shall be performed using a Truax drill, Truax Trillion seeder, or comparable equipment.
8. Prior to starting work, all seeding equipment shall be calibrated and adjusted to sow seeds at the proper seeding rate.
9. 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.
10. Wet meadow areas shall be planted, and seed allowed to germinate (if possible), prior to flooding with significant amounts of water.
11. After the seeding operation is completed, install erosion control blanket per manufacturer's specifications.

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

- 1. 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.
2. Dish top of backfill to allow for mulching.
3. Mulch pits, trenches and planted areas.
4. Prune only injured or dead branches from flowering trees, if any.
5. Remove and replace excessively pruned or ill-formed stock resulting from improper pruning.
6. 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.

3.3 INITIAL MAINTENANCE

- A. Begin maintenance immediately after planting, continuing until final acceptance.
B. 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.
C. 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 & 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.
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 nonnative and invasive species early in the growing 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.

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 dependent 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 dependent 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

- A. During landscape work, store materials and equipment where directed.
B. Protect landscape work and materials from damage due to landscape operations, operations by other trades and trespassers.
3.6 INSPECTION AND ACCEPTANCE

- A. 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.
B. Supply written affidavit certifying composition of seed mixtures and integrity of plant materials with respect to species, variety and source.
C. Notify the Landscape Architect within five (5) days after completing initial and/or supplemental plantings in each area.
D. When the landscape work is completed, including maintenance, the Landscape Architect will, upon request, make a final inspection to determine acceptability.

SITE AMENITIES

4.0 DESCRIPTION OF WORK

- A. The work consist of all labor, materials, work and equipment necessary and required to complete site amenities as shown on drawings and specified herein, including, but not limited to:
1. Submission of color and material samples to Owner for design concept conformance review prior to construction.
2. Submission of shop drawings to Landscape Architect and Owner for design concept conformance review prior to construction.
3. Submission of construction schedule to Landscape Architect.
4. Verification of existing conditions and underground utilities in the field prior to construction.
5. Secure and pay for all permits, fees, inspections and schedule all inspections related to work, including J.U.L.I.E. locates.
6. Comply with all applicable codes.

4.1 JOB CONDITIONS

- A. Examine and evaluate grades, and soils. Provide soil testing and verify soils structural integrity.
B. Utilities: Review underground utility location maps and plan; Notify J.U.L.I.E. demonstrate an awareness of utility location; and certify acceptance of liability for the protection of utilities during course of work.
C. All streets and curbs must be cleaned at the end of each workday.
D. All OSHA requirements for safety must be adhered to at all times.

4.2 GUARANTEES

- A. Guarantee site amenities 1 year from final acceptance by Owner on workmanship and materials.
B. Where failures have occurred resulting from the concrete not meeting the specified design strength, or workmanship 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

- A. 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.
B. Product samples: Submit samples of all pavers, architectural precast, bench and bollard colors for approval prior to delivery to site.
C. Product Data: Submit product data for all materials.
D. Provide names and contact information for any subcontractors and suppliers.

4.4 PRODUCT DELIVER, STORAGE, AND HANDLING

- A. Loading and Shipment:
1. Pack carefully for transportation, with exercise of all customary and reasonable precautions against damage in transit, all materials to be used for the work.
2. Load and ship all materials in a sequence mutually agreed upon by the General Contractor and the material supplier.
B. Unloading and Storage:
1. Receive and unload at site all materials with necessary care in handling to avoid damage or soiling.
2. Store materials clear of ground on non-staining skids.
3. Cover materials with waterproof, clean canvas, or polyethylene for protection from construction or natural elements.

4.5 INSTALLATION

- A. 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.
B. 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.
C. Concrete
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.
D. Concrete Pavers
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

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

4.7 INSPECTION AND ACCEPTANCE

- A. 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.
B. 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 WEST LIBERTY DRIVE WHEATON, ILLINOIS 60187 PHONE: 630-668-7197

CLIENT

CAL ATLANTIC GROUP LLC 1700 EAST GOLF ROAD, SUITE 1100 SCHUMBERG, IL 60173

ENGINEER

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

PRAIRIE MEADOWS AURORA, ILLINOIS

LANDSCAPE SPECIFICATIONS

Table with 2 columns: REVISIONS, DATE. Row 1: 1, 4.24.2024

Table with 2 columns: DATE, PROJECT NO., DRAWN, CHECKED, SHEET NO. Row 1: 3.18.2023, LN23143, NKF, REO

L1.14



Know what's below. Call before you dig.