

# Final Landscape Plan

# PRAIRIE LANDING

Joliet, Illinois

March 17, 2025

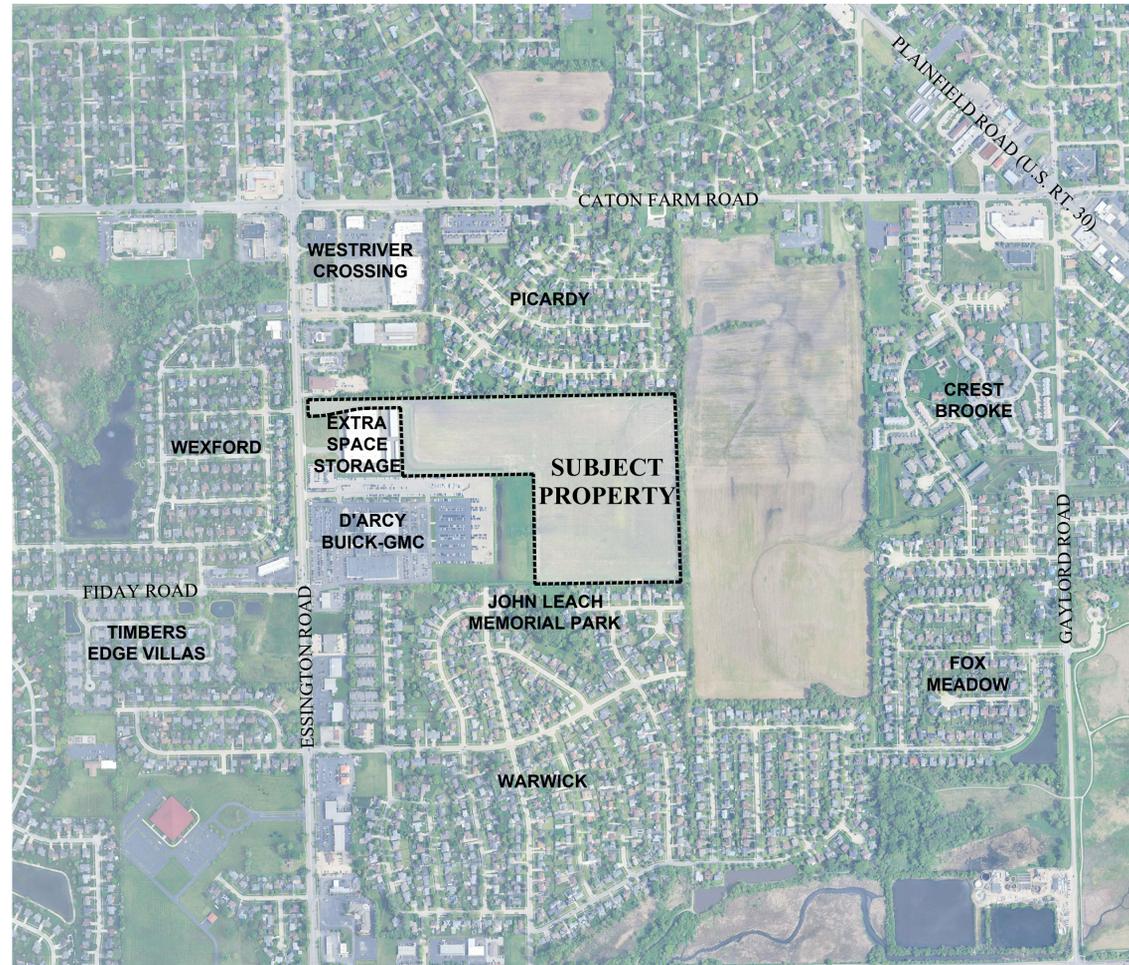
## CONSULTANTS:



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



CIVIL ENGINEER:  
 MANHARD CONSULTING  
 333 E. BUTTERFIELD RD. STE. 600  
 LOMBARD, IL 60148



LOCATION MAP

SCALE: 1"=600'

## INDEX OF SHEETS

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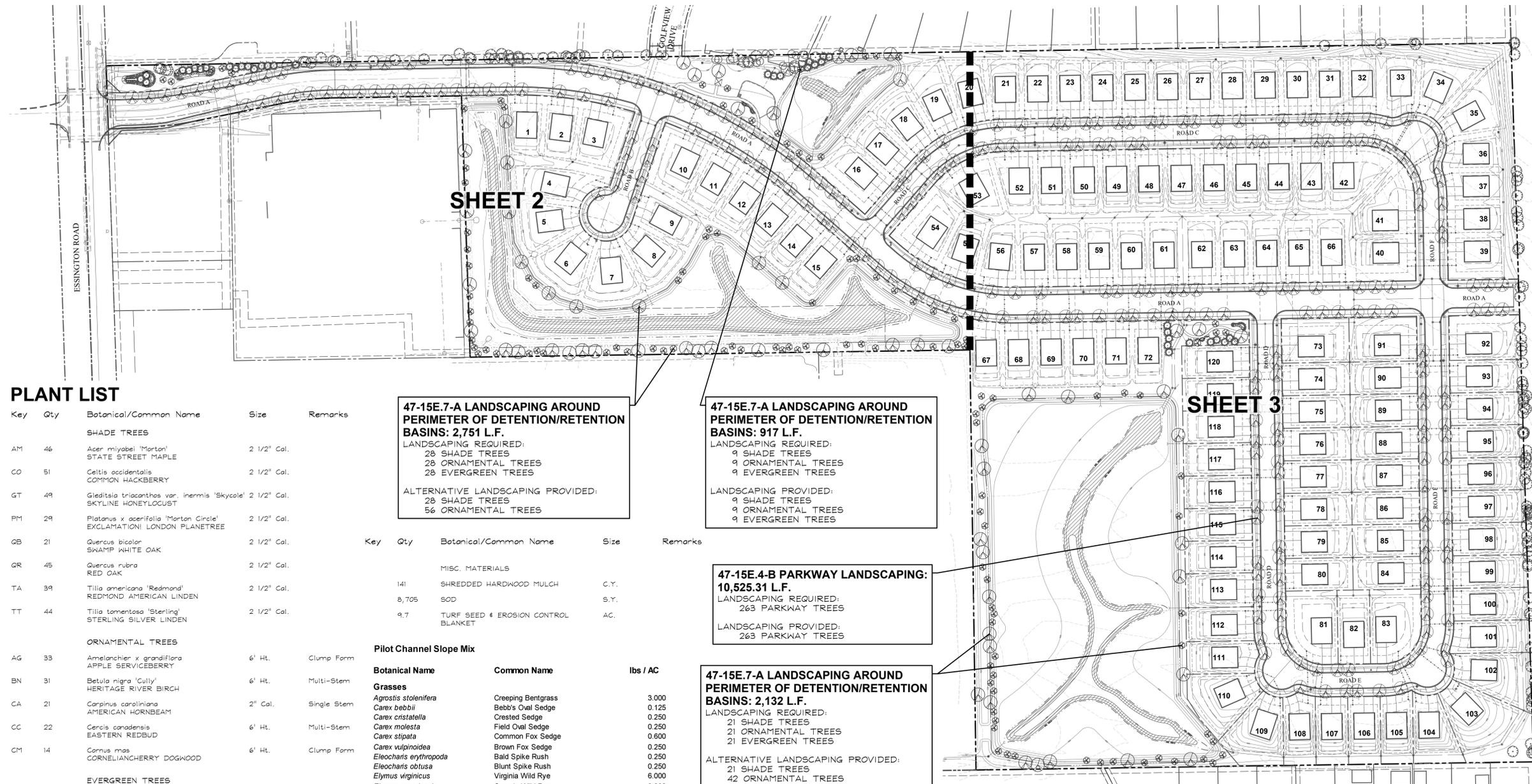
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**PRAIRIE LANDING**  
JOLIET, ILLINOIS  
**OVERALL LANDSCAPE PLAN**

6	03.17.2025
5	02.13.2025
4	01.29.2025
3	12.18.2024
2	12.02.2024
1	11.14.2024

REVISIONS

DATE	11.01.2024
PROJECT NO.	DR2186
DRAWN	SMR
CHECKED	DHS
SHEET NO.	



**SHEET 2**

**SHEET 3**

**PLANT LIST**

Key	Qty	Botanical/Common Name	Size	Remarks
<b>SHADE TREES</b>				
AM	46	Acer nymphae 'Morton' STATE STREET MAPLE	2 1/2" Cal.	
CO	51	Celtis occidentalis COMMON HACKBERRY	2 1/2" Cal.	
GT	49	Gleditsia triacanthos var. inermis 'Skycole' SKYLINE HONEYLOCUST	2 1/2" Cal.	
PM	29	Platanus x acerifolia 'Morton Circle' EXCLAMATION! LONDON PLANETREE	2 1/2" Cal.	
QB	21	Quercus bicolor SWAMP WHITE OAK	2 1/2" Cal.	
QR	45	Quercus rubra RED OAK	2 1/2" Cal.	
TA	39	Tilia americana 'Redmond' REDMOND AMERICAN LINDEN	2 1/2" Cal.	
TT	44	Tilia tomentosa 'Sterling' STERLING SILVER LINDEN	2 1/2" Cal.	
<b>ORNAMENTAL TREES</b>				
AG	33	Amelanchier x grandiflora APPLE SERVICEBERRY	6' Ht.	Clump Form
BN	31	Betula nigra 'Cully' HERITAGE RIVER BIRCH	6' Ht.	Multi-Stem
CA	21	Carpinus caroliniana AMERICAN HORNBEAM	2" Cal.	Single Stem
CC	22	Cercis canadensis EASTERN REDBUD	6' Ht.	Multi-Stem
CM	14	Cornus mas CORNELIANCHERRY DOGWOOD	6' Ht.	Clump Form
<b>EVERGREEN TREES</b>				
PA	9	Picea abies NORWAY SPRUCE	8' Ht.	
PG	17	Picea glauca var. densata BLACK HILLS SPRUCE	8' Ht.	
PS	11	Pinus strobus EASTERN WHITE PINE	8' Ht.	
<b>DECIDUOUS SHRUBS</b>				
HP	12	Hydrangea paniculata 'SMHPLOF' LITTLE QUICK FIRE HYDRANGEA	24" Tall	3' O.C.
VT	12	Viburnum trilobum 'Redwing' JN SELECT CRANBERRYBUSH VIBURNUM	36" Tall	5' O.C.
WB	16	Weigela florida 'Bromwell' FINE WINE WEIGELA	24" Tall	3' O.C.
<b>EVERGREEN SHRUBS</b>				
JB	16	Juniperus conferta 'Blue Pacific' BLUE PACIFIC JUNIPER	24" Wide	4' O.C.
JK	19	Juniperus chinensis 'Kallays Compact' KALLAYS COMPACT PFITZER JUNIPER	24" Wide	4' O.C.
<b>ORNAMENTAL GRASSES</b>				
CK	43	Calamagrostis x acutiflora 'Karl Foerster' FEATHER REED GRASS	#1	30" O.C.
SA	51	Sesleria autumnalis AUTUMN MOOR GRASS	#1	18" O.C.
<b>PERENNIALS</b>				
AB	41	Allium 'Summer Beauty' SUMMER BEAUTY ONION	#1	18" O.C.
EC	81	Echinacea 'CBG Cone 2' PIXIE MEADOWBRITE CONEFLOWER	#1	18" O.C.
HH	63	Hemerocallis 'Happy Returns' HAPPY RETURNS DAYLILY	#1	18" O.C.
SE	22	Sedum 'Autumn Joy' AUTUMN JOY SEDUM	#1	18" O.C.

**47-15E.7-A LANDSCAPING AROUND PERIMETER OF DETENTION/RETENTION BASINS: 2,751 L.F.**  
LANDSCAPING REQUIRED:  
28 SHADE TREES  
28 ORNAMENTAL TREES  
28 EVERGREEN TREES  
  
ALTERNATIVE LANDSCAPING PROVIDED:  
28 SHADE TREES  
56 ORNAMENTAL TREES

**47-15E.7-A LANDSCAPING AROUND PERIMETER OF DETENTION/RETENTION BASINS: 917 L.F.**  
LANDSCAPING REQUIRED:  
9 SHADE TREES  
9 ORNAMENTAL TREES  
9 EVERGREEN TREES  
  
LANDSCAPING PROVIDED:  
9 SHADE TREES  
9 ORNAMENTAL TREES  
9 EVERGREEN TREES

**47-15E.4-B PARKWAY LANDSCAPING: 10,525.31 L.F.**  
LANDSCAPING REQUIRED:  
263 PARKWAY TREES  
  
LANDSCAPING PROVIDED:  
263 PARKWAY TREES

**47-15E.7-A LANDSCAPING AROUND PERIMETER OF DETENTION/RETENTION BASINS: 2,132 L.F.**  
LANDSCAPING REQUIRED:  
21 SHADE TREES  
21 ORNAMENTAL TREES  
21 EVERGREEN TREES  
  
ALTERNATIVE LANDSCAPING PROVIDED:  
21 SHADE TREES  
42 ORNAMENTAL TREES

Key	Qty	Botanical/Common Name	Size	Remarks
<b>MISC. MATERIALS</b>				
		SHREDDED HARDWOOD MULCH	C.Y.	
	8,705	SOD	S.Y.	
	9.7	TURF SEED & EROSION CONTROL BLANKET	AC.	

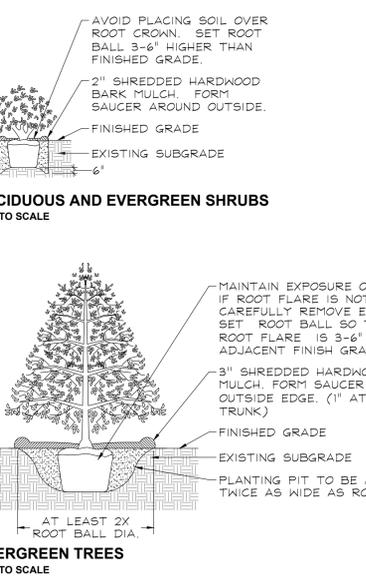
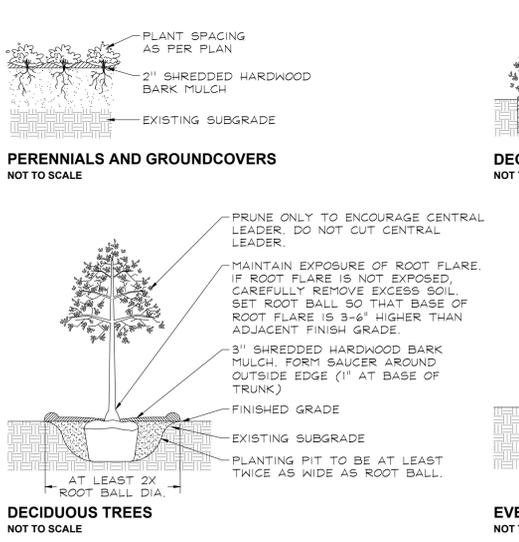
  

Botanical Name	Common Name	lbs / AC
<b>Grasses</b>		
Agrostis stolonifera	Creeping Bentgrass	3,000
Carex bebbii	Bebb's Oval Sedge	0.125
Carex cristatella	Crested Sedge	0.250
Carex molesta	Field Oval Sedge	0.250
Carex stipata	Common Fox Sedge	0.600
Carex vulpinoidea	Brown Fox Sedge	0.250
Eleocharis erythropoda	Bald Spike Rush	0.250
Eleocharis obtusa	Blunt Spike Rush	0.250
Elymus virginicus	Virginia Wild Rye	6,000
Elymus canadensis	Canada Wild Rye	2,000
Juncus dudleyi	Dudley's Rush	0.025
Juncus effusus	Common Rush	0.025
Juncus torreyi	Torrey's Rush	0.015
Leersia oryzoides	Rice Cutgrass	1,000
<b>Total Grasses</b>		<b>14,040</b>

**Pilot Channel Slope Mix**

Botanical Name	Common Name	lbs / AC
<b>Grasses</b>		
Agrostis stolonifera	Creeping Bentgrass	3,000
Carex bebbii	Bebb's Oval Sedge	0.125
Carex cristatella	Crested Sedge	0.250
Carex molesta	Field Oval Sedge	0.250
Carex stipata	Common Fox Sedge	0.600
Carex vulpinoidea	Brown Fox Sedge	0.250
Eleocharis erythropoda	Bald Spike Rush	0.250
Eleocharis obtusa	Blunt Spike Rush	0.250
Elymus virginicus	Virginia Wild Rye	6,000
Elymus canadensis	Canada Wild Rye	2,000
Juncus dudleyi	Dudley's Rush	0.025
Juncus effusus	Common Rush	0.025
Juncus torreyi	Torrey's Rush	0.015
Leersia oryzoides	Rice Cutgrass	1,000
<b>Total Grasses</b>		<b>14,040</b>

**PLANTING DETAILS**



**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.
- No trees shall be planted within 5' of a hydrant, underground utility or 10' from an above ground utility structure or pole. Trees to be planted clear of all traffic control services and signs. Mulch must not touch tree trunks.
- All trees planted by an applicant shall be guaranteed for two (2) years from the date of acceptance and shall be replaced by the applicant at no charge to the Village, should they die or be in a declining condition in the opinion of the Village arborist. The replacement tree shall be of the same size, species and quality, and shall carry the same two (2) year guarantee.



**NATIVE AREA LEGEND**

Key	Qty	Description
[Hatched Box]	1.3 AC	PILOT CHANNEL SLOPE MIX

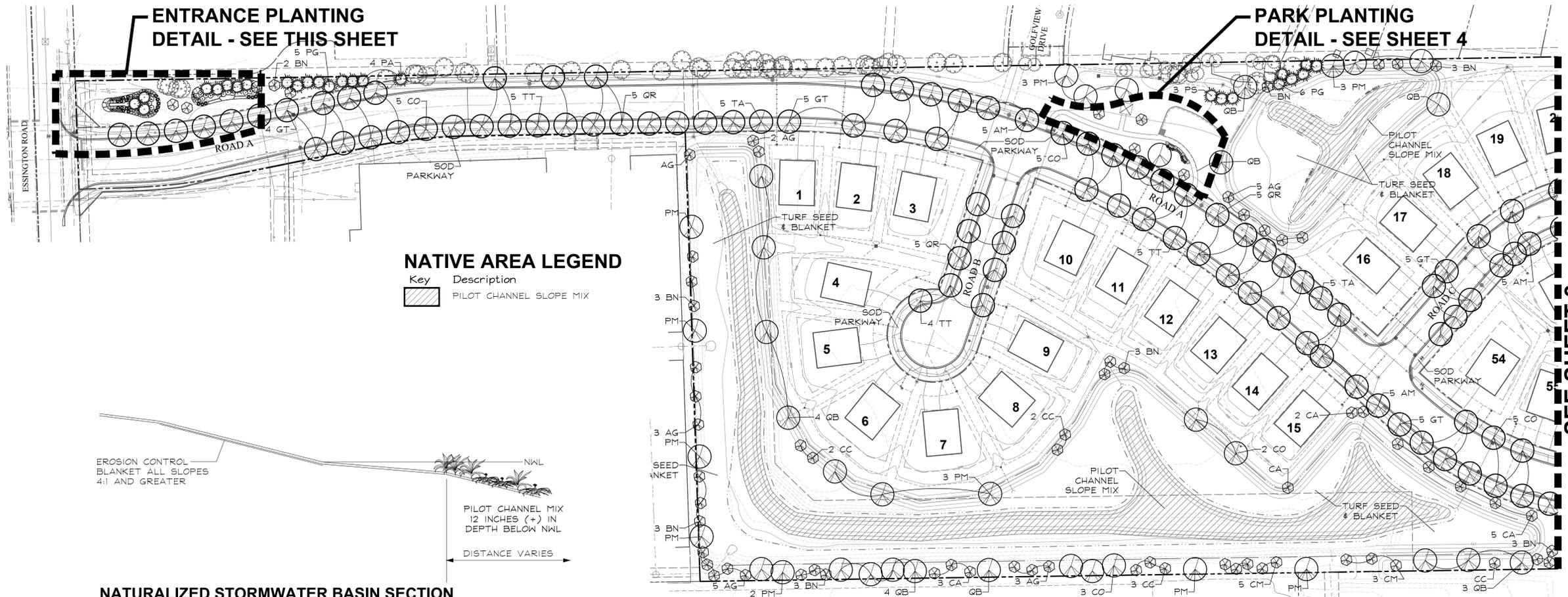




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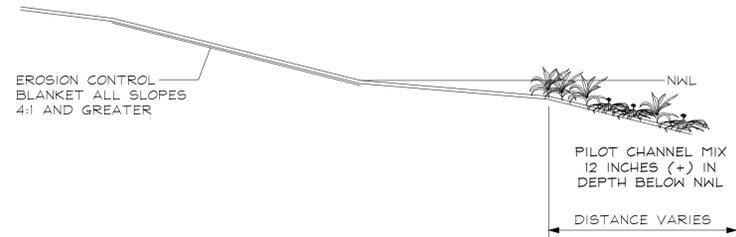
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**PRAIRIE LANDING**  
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**LANDSCAPE PLAN**

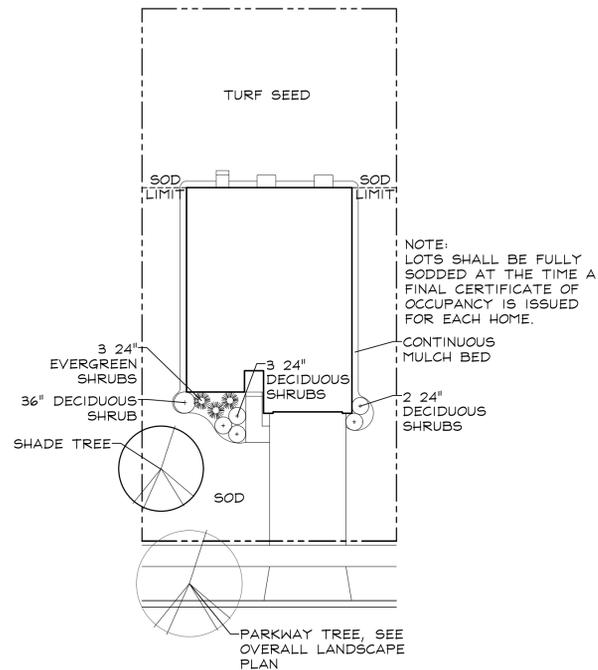


**NATIVE AREA LEGEND**

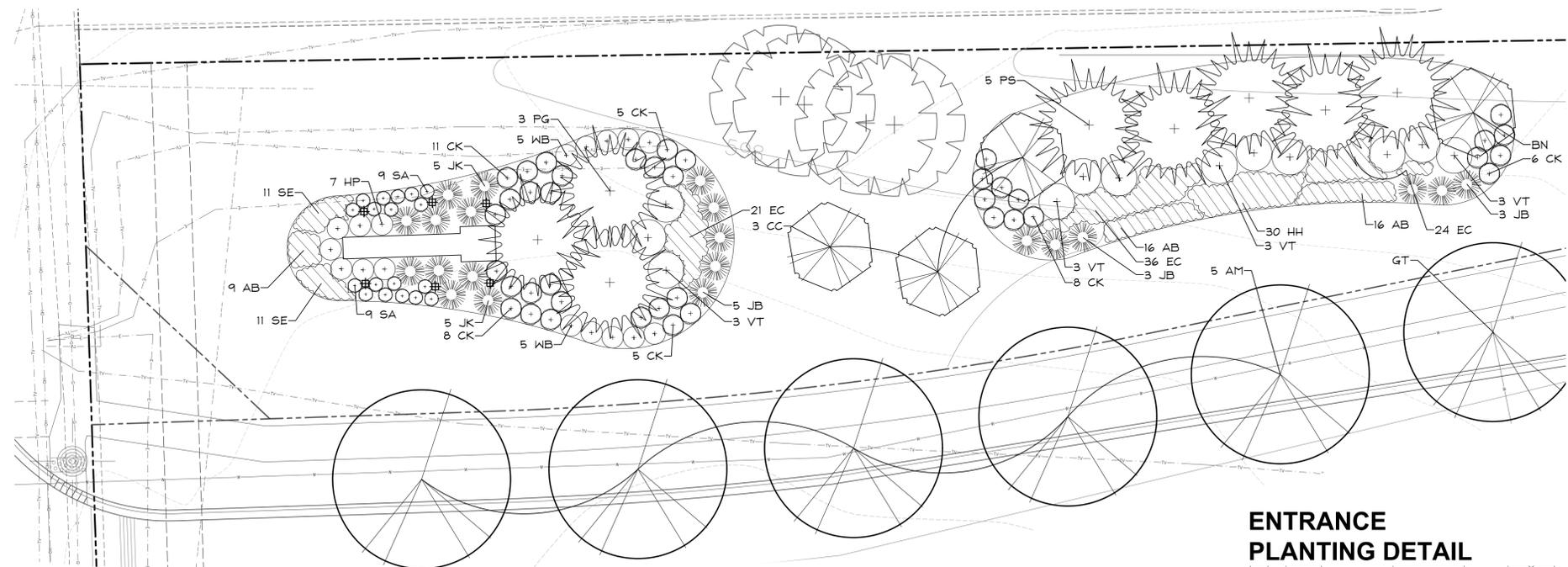
Key	Description
	PILOT CHANNEL SLOPE MIX



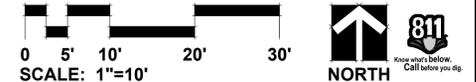
**NATURALIZED STORMWATER BASIN SECTION**  
NOT TO SCALE



**TYPICAL LOT LANDSCAPING**



**ENTRANCE PLANTING DETAIL**



NO.	DATE	DESCRIPTION
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DATE 11.01.2024  
PROJECT NO. DR2186  
DRAWN SMR  
CHECKED DHS  
SHEET NO.



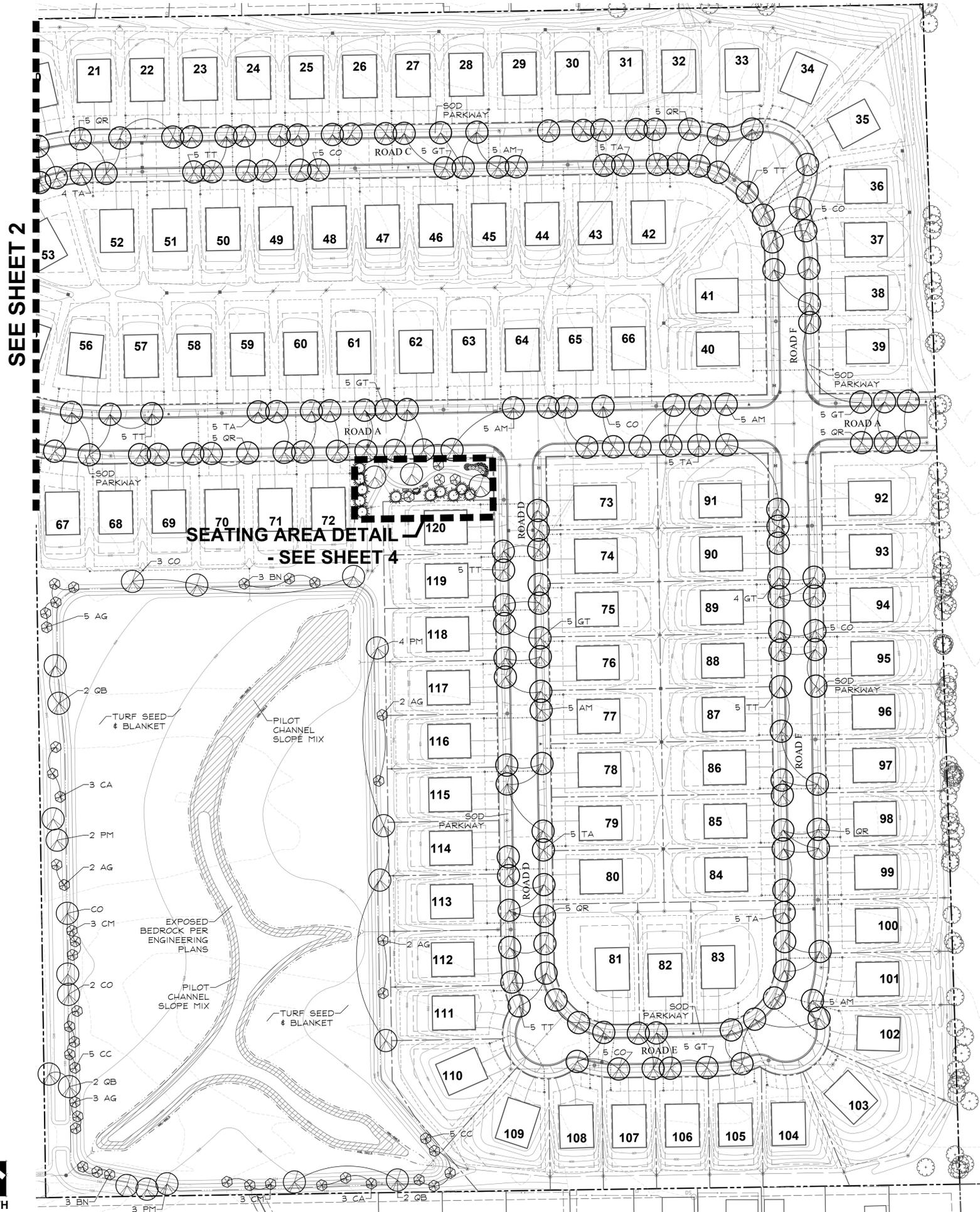
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SHEET NO.



SEE SHEET 2

SEATING AREA DETAIL  
- SEE SHEET 4

**NATIVE AREA LEGEND**

Key	Description
	PILOT CHANNEL SLOPE MIX



PHOTOGRAPH: [unreadable]



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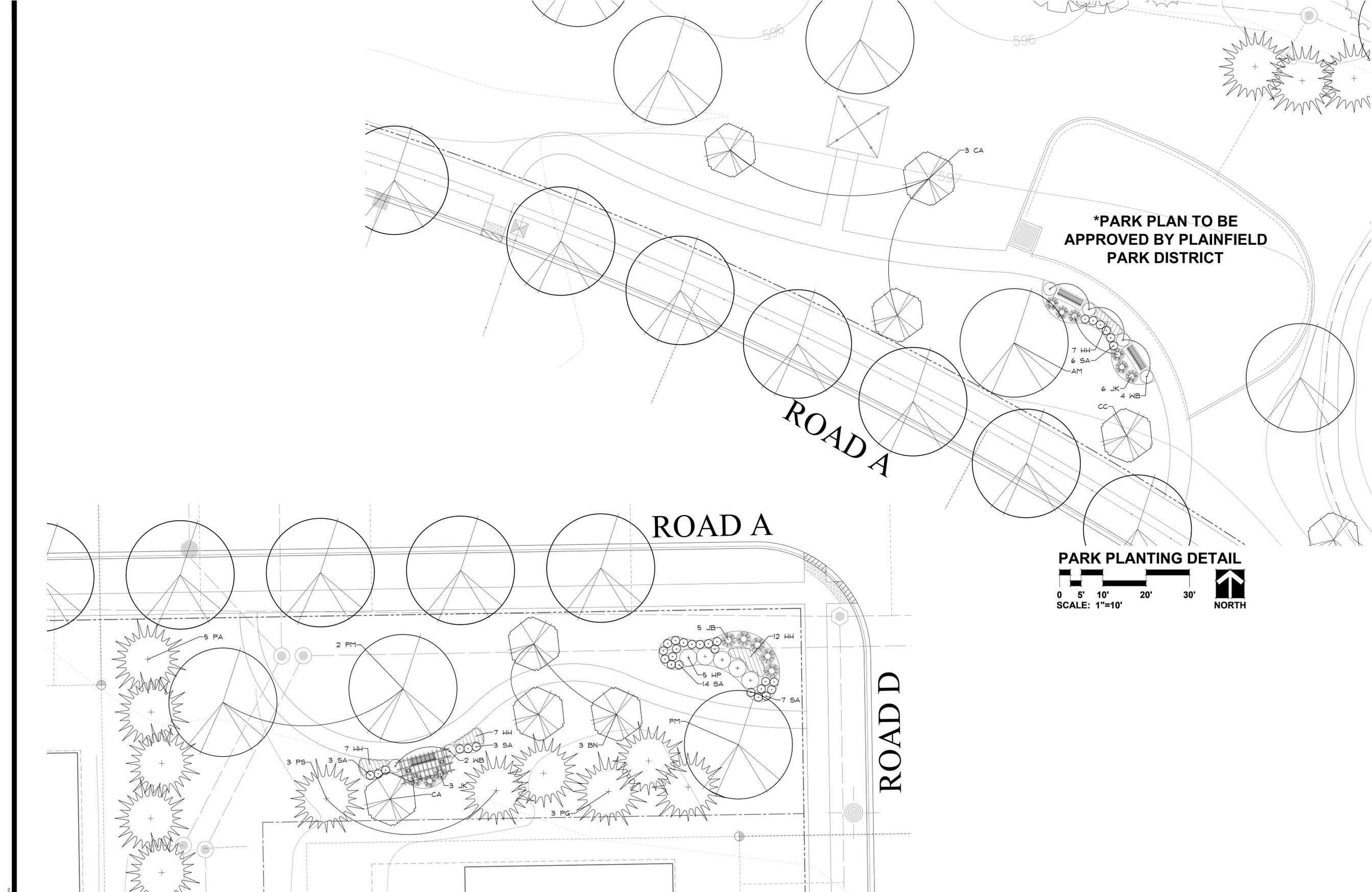
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PROJECT NO. DR2186  
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CHECKED DHS  
SHEET NO.



Keep others below.  
Call before you dig.



**\*PARK PLAN TO BE APPROVED BY PLAINFIELD PARK DISTRICT**

**PARK PLANTING DETAIL**



**SEATING AREA PLANTING DETAIL**



PHOTO COURTESY: [unreadable]



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**AMENITY PLANS**

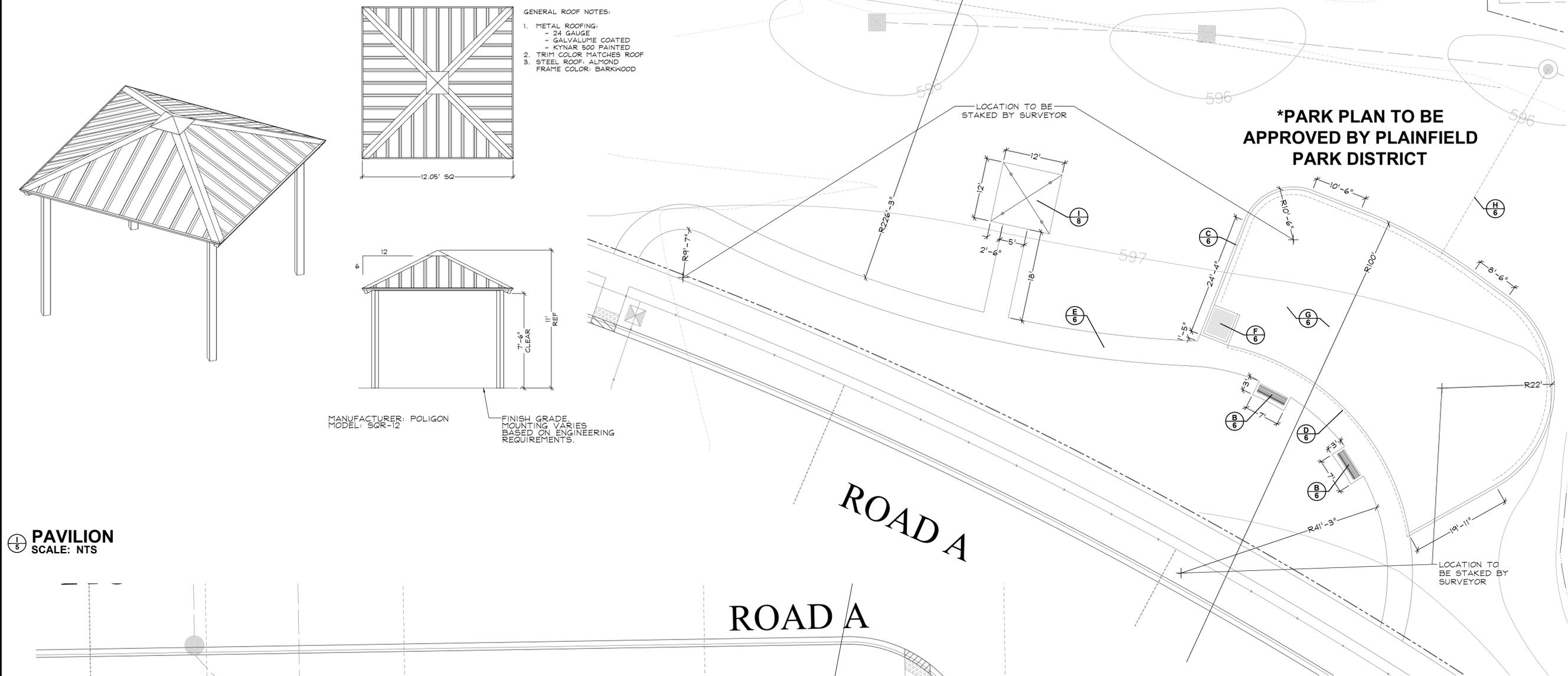
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DATE 11.01.2024  
PROJECT NO. DR2186  
DRAWN SMR  
CHECKED DHS  
SHEET NO.



Keep streets below.  
Call before you dig.

**\*PARK PLAN TO BE  
APPROVED BY PLAINFIELD  
PARK DISTRICT**



**PAVILION**  
SCALE: NTS

MANUFACTURER: POLIGON  
MODEL: SQR-12  
FINISH GRADE  
ELEVATION VARIES  
BASED ON ENGINEERING  
REQUIREMENTS.

**PARK LAYOUT DETAIL**



**SEATING AREA  
LAYOUT DETAIL**

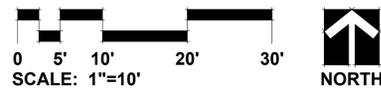
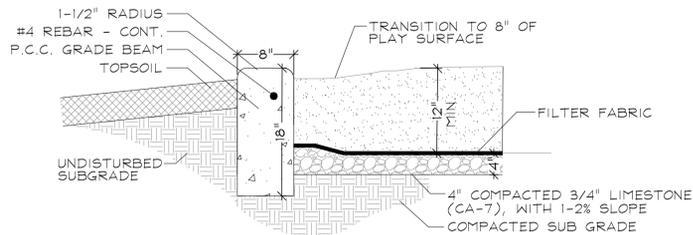
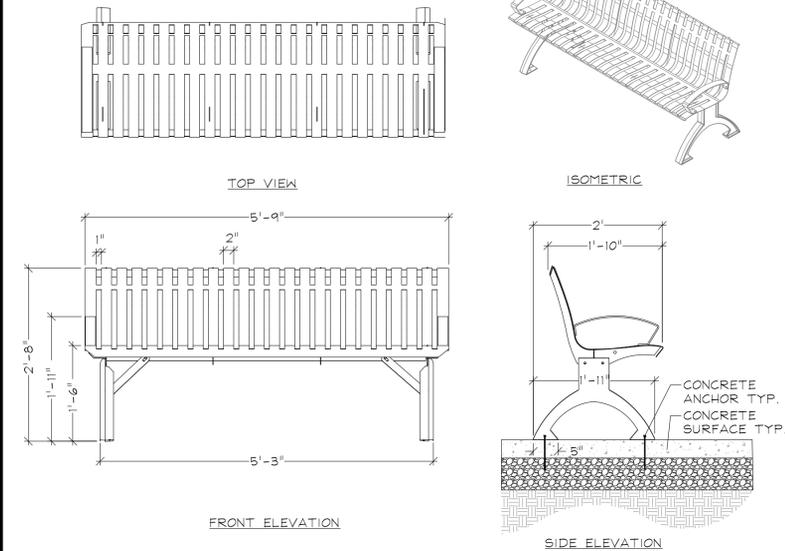


PHOTO COURTESY: [unreadable]



**C 6** CONCRETE CURB DETAIL  
SCALE: NTS



MANUFACTURER: ANOVA FURNISHINGS  
MODEL: L141A-LATITUDE 6' CONTOUR BENCH W/ ARMREST  
COLOR: BLACK  
MOUNTING: SURFACE MOUNTED  
INSTALL PER MANUFACTURER'S SPECIFICATIONS

**B 6** BENCH DETAIL  
SCALE: NTS

**SITE FURNISHING SCHEDULE**

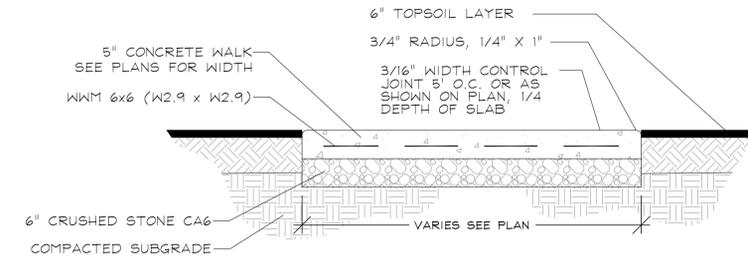
ITEM	MANUFACTURER	MODEL	QUANTITY	DETAILS	NOTES
<b>A 6</b> ARBOR			1 EA.		
<b>B 6</b> BENCH	ANOVA	EXPOSITION LEXC6	3 EA.	SURFACE MOUNTED COLOR: TEXTURED BLACK SIZE: 6'	
<b>C 6</b> CONCRETE CURB			151 L.F.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>D 6</b> THICKENED EDGE			56 L.F.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>E 6</b> CONCRETE WALKS / PAD			1,907 S.F.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>F 6</b> A.D.A. RAMP			1 EA.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>G 6</b> ENGINEERED WOOD FIBER SURFACING			2,531 S.F.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>H 6</b> DRAIN TILE			161 L.F.		TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>I 5</b> PAVILION	POLIGON	SQR-12	1 EA.	ROOF COLOR: ROMAN BLUE COLUMN COLOR: ALMOND SIZE: 16' x 24'	TO BE APPROVED BY PLAINFIELD PARK DISTRICT

**PLAY LOT APPARATUS SCHEDULE**

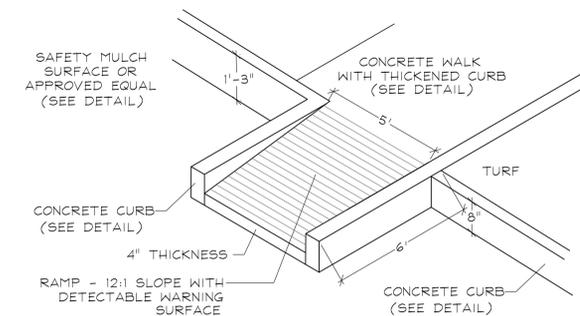
NOTE: INSTALL PER MANUFACTURER'S SPECIFICATION

ITEM	MANUFACTURER	COMMENTS	NOTES
<b>AA 6</b> PLAY STRUCTURE	PLAY & PARK STRUCTURES	QUOTE #: 800-153898	TO BE APPROVED BY PLAINFIELD PARK DISTRICT
<b>BB 6</b> SWINGSET	PLAY & PARK STRUCTURES	QUOTE #: 800-153898	TO BE APPROVED BY PLAINFIELD PARK DISTRICT

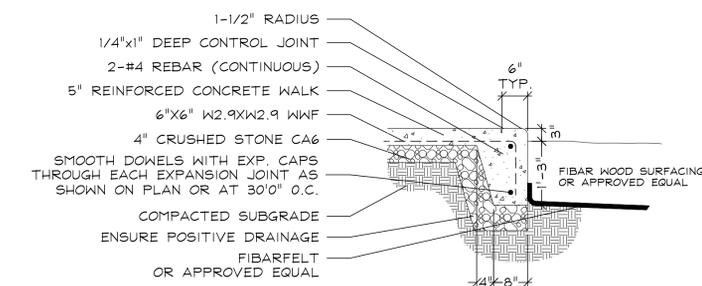
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**E 6** CONCRETE WALK & PAD DETAIL  
SCALE: NTS

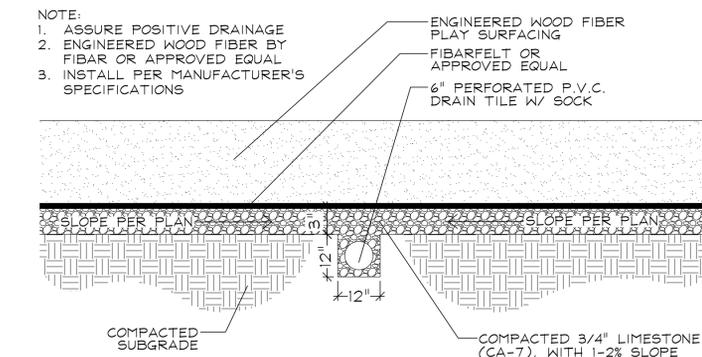


**F 6** A.D.A. RAMP DETAIL  
SCALE: NTS



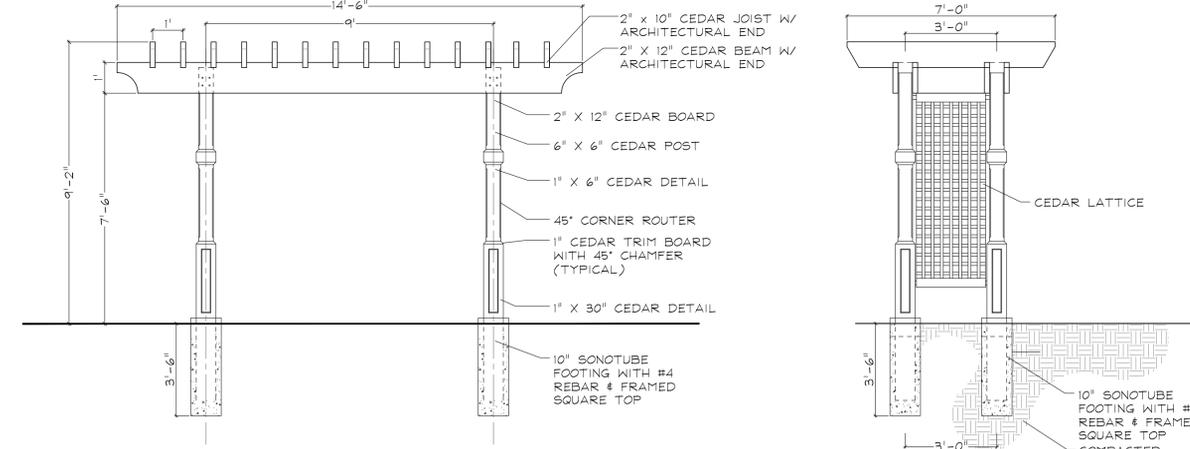
NOTE: THICKENED EDGE TO BE USED ADJACENT TO ALL PLAY AREAS

**D 6** THICKENED EDGE DETAIL  
SCALE: NTS



**G 6** **H 6** ENGINEERED WOOD FIBER SURFACING DETAIL  
SCALE: NTS

NOTES:  
1. CONTRACTOR SHALL SUBMIT MATERIAL SAMPLES TO LANDSCAPE ARCHITECT AND OWNER FOR REVIEW PRIOR TO CONSTRUCTION.  
2. ATTACH STRUCTURE WITH APPROVED GALVANIZED ZINC COATED MOUNTING BRACKETS  
3. PERGOLAS TO BE STAINED 1 YEAR FOLLOWING INSTALLATION.



**A 6** ARBOR DETAIL  
SCALE: NTS

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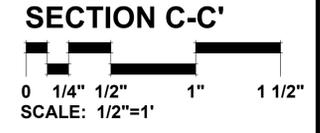
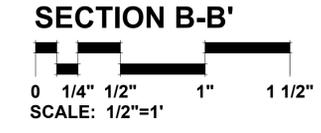
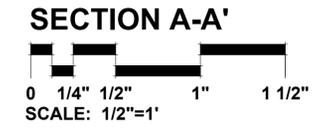
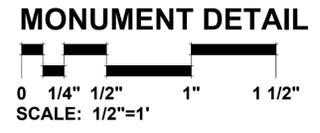
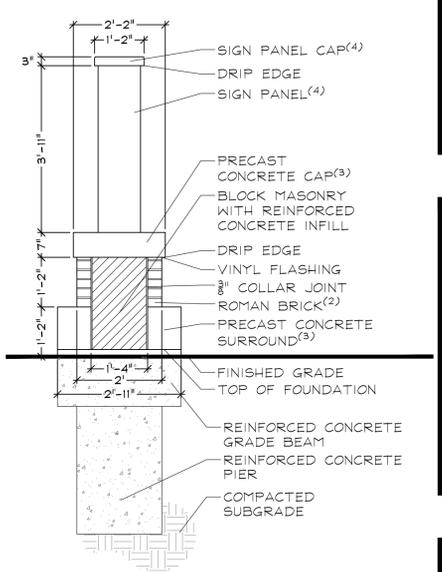
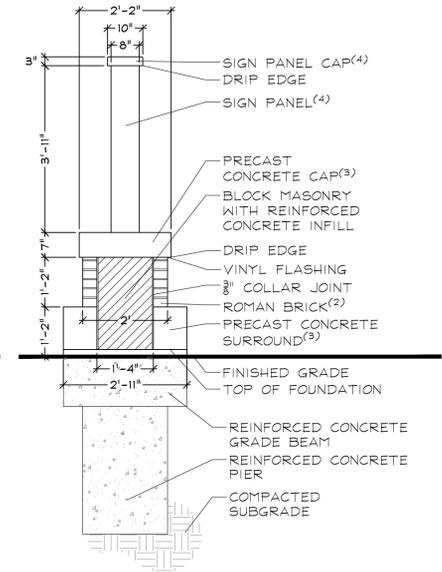
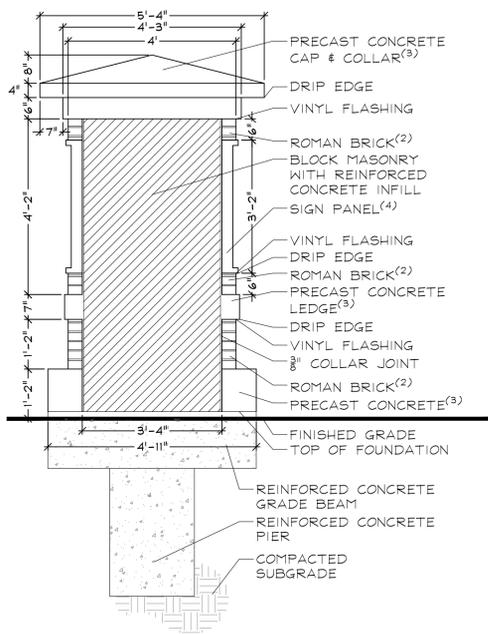
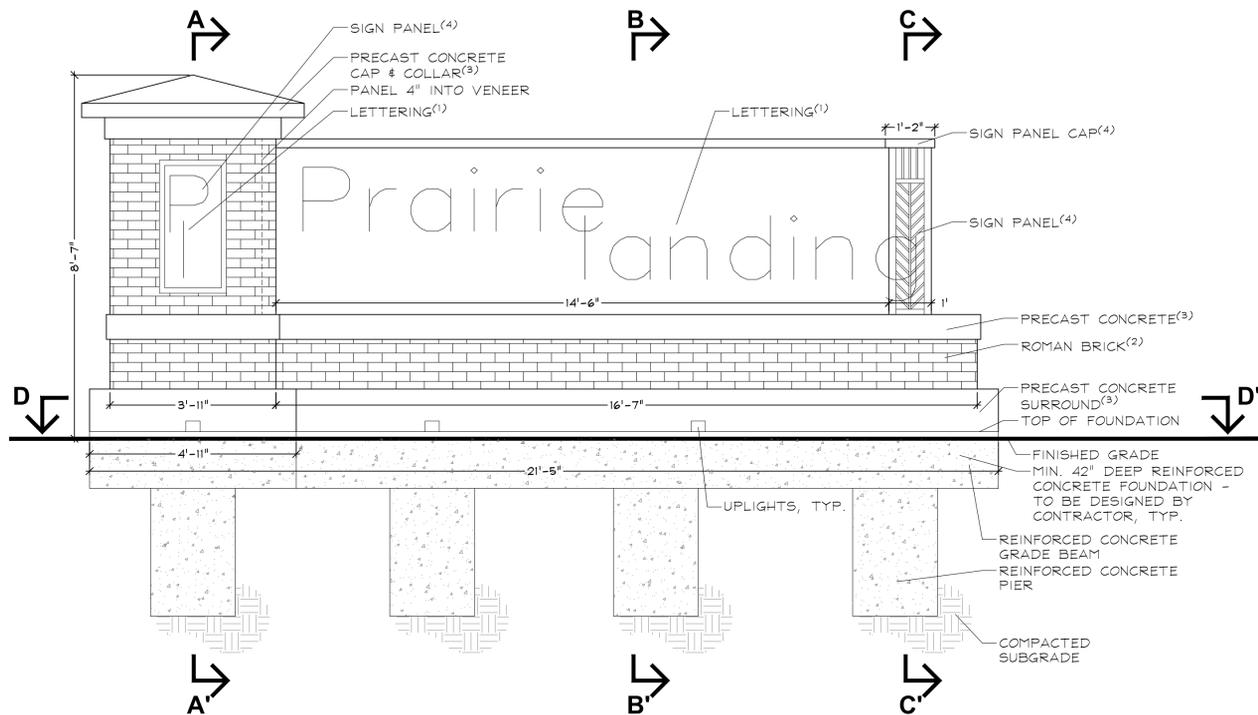
**PRAIRIE LANDING**  
JOLIET, ILLINOIS  
**AMENITY DETAILS**

REVISIONS

6	03.17.2025
5	02.13.2025
4	01.29.2025
3	12.18.2024
2	12.02.2024
1	11.14.2024

DATE: 11.01.2024  
PROJECT NO.: DR2186  
DRAWN: SMR  
CHECKED: DHS  
SHEET NO.





**LIGHTING SCHEDULE**  
(APPROVED EQUALS ALLOWED - SEND ALTERNATIVES TO LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE FOR APPROVAL)

ITEM	MANUFACTURER	MODEL	QUANTITY	DETAILS
UPLIGHT	B-K LIGHTING	NITE STAR	6 EA.	CATALOG NUMBER: NS-LED-E66-MFL-A9-BZP-12-11-360SL

**MONUMENT SPECIFICATIONS**

- 1.0 DESCRIPTION OF WORK**
- A. The work consists of all labor, materials, work and equipment necessary and required to complete monuments 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**
- A. Construction shall conform to @Building Code Requirements for Engineered Brick Masonry, BIA, latest edition.
- B. All brick and stone shall be finest architectural grade free of cracks, chips, defects, etc.
- C. 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.
- D. 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.
- E. All corners of monuments and piers are to be staked by engineer and verified by the contractor.
- 3.0 JOB CONDITIONS**
- A. 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.
- B. 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.
- C. All streets and curbs must be cleaned at the end of each working day.
- D. All OSHA requirements for safety must be adhered to at all times.
- 4.0 GUARANTEES**
- A. Guarantee monuments 1 year from final acceptance on owner's representative on workmanship and materials.
- B. 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**

- A. 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.
1. 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 days of non-activity on site.
- B. Product Samples: Submit samples of brick, 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.
- C. Product Data: Submit product data for brick, limestone, architectural pre-cast, mortars and joint sealants, slate, tile, light fixtures, and ornamental fencing.
- D. Provide certificate of insurance per the owner's requirements.
- E. Provide names and contact information for any subcontractors and suppliers.
- F. 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.
  - Show 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**

- A. 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.
- B. 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**

- A. 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.
  - Lime: Hydrated, conforming to ASTM-C207, Type S.
  - Water: Clear, non-alkaline, potable and free of oils, salts, and other harmful elements.
- B. Brick Veneer Bond:
- Typical Bond: Running Bond with vertical joints located at center of masonry units in alternate course below, except where shown otherwise.
  - Do not install cracked, broken, or chipped masonry units exceeding ASTM C216 allowances.
  - Report any masonry range of color or texture discrepancies to the owner before installation. Lay masonry with same percentages of light, medium, and dark colored brick, matching the design reviewed sample. Do not install brick in localized areas that is not within range of adjacent brick or is not within the range of the design reviewed sample.
  - Use masonry saws to cut and fit exposed units.
  - Lay brick plumb, true to line, and with level courses accurately spaced with allowable tolerances.
  - Do not deeply furrow bed joints.
  - Adjust units to final position while mortar is soft and plastic.
  - When units are displaced after mortar has stiffened, remove, clean joints and joints of mortar, and re-lay with fresh mortar.
  - When joining fresh masonry to set or partially wet masonry:
    - Remove loose brick mortar.
    - Clean and lightly wet exposed surface of set masonry prior to laying fresh masonry.
  - Work shall be installed in accordance with the recommendations of the BIA (Brick Institute of America), except where exceeded herein or per details.
- C. 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.
- D. 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.

**E. 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.
- F. 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.
- G. Weep holes
- 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 weep holes and area above flashing free of mortar droppings.

**8.0 CLEAN UP AND PROTECTION**

- A. All material shall be washed with fiber brushes, soap powder, and clean water or Owner reviewed mechanical cleaning process.
- B. Sand blasting, wire brushes, or acids shall not be used. Exceptions may be considered if reviewed by the Owner or an Owner authorized representative.
- C. During work, store materials and equipment as directed by the owner.
- D. Protect work and materials from damage due to operations by other trades and trespassers. Maintain protection during installation.

**9.0 INSPECTION AND ACCEPTANCE**

- A. 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.
- B. Notify the Owner's representative when completed, for final design conformance review.

**(1) FONT: OPTILAGO RECESSED LETTERING**

- (2) BRICK VENEER: ENDICOTT LIGHT COLOR: DESERT IRONSPOT LIGHT SIZE: ROMAN (12" x 2") RUNNING BOND BRICKS TO BE ATTACHED WITH MASONRY TIES SUBMIT COLOR & GROUT SAMPLE TO DEVELOPER & LANDSCAPE ARCHITECT.

- (3) PRECAST CONCRETE: COLOR: LIMESTONE BY CUSTOM CAST STONE OR APPROVED EQUAL CAPS AND PANEL: SMOOTH FACE PRECAST CONCRETE TO BE ATTACHED WITH STAINLESS STEEL PINS SUBMIT COLOR SAMPLE TO DEVELOPER & LANDSCAPE ARCHITECT.

- (4) SIGN PANEL MATERIAL: PRECAST STONE OR ALUMINUM SUBMIT COLOR SAMPLE TO DEVELOPER & LANDSCAPE ARCHITECT.

NO.	DATE	REVISIONS
6	03.17.2025	
5	02.13.2025	
4	01.29.2025	
3	12.18.2024	
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WHEATON, ILLINOIS 60187  
PHONE: 630-668-7197  
www.grwainc.com

CLIENT



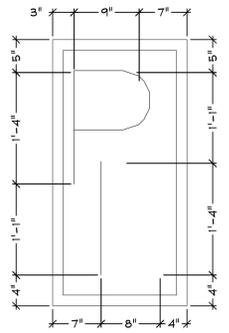
*America's Builder*  
1750 E. GOLF ROAD, SUITE 925  
SCHAUMBURG, IL 60173

CIVIL ENGINEER

MANHARD CONSULTING  
333 E. BUTTERFIELD RD. STE. 600  
LOMBARD, IL 60148

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JOLIET, ILLINOIS

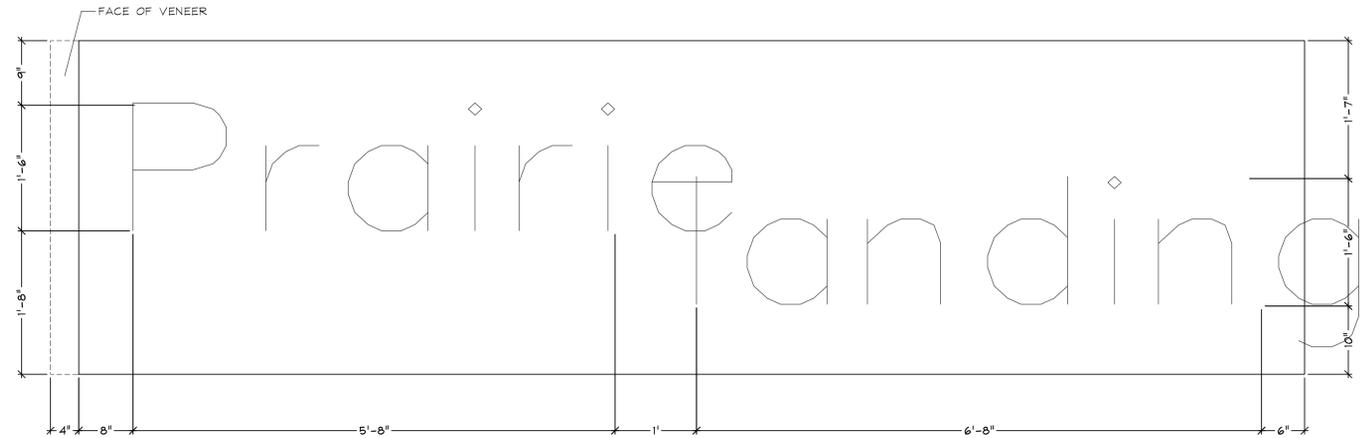
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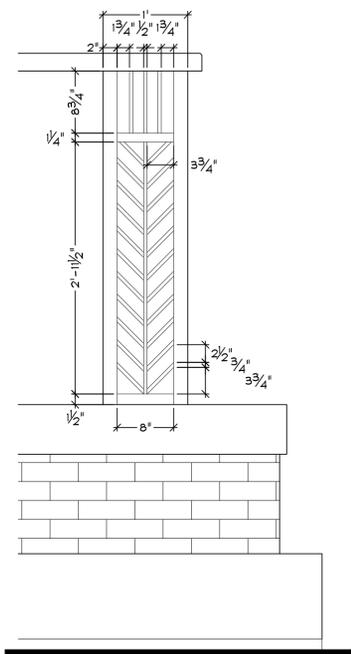
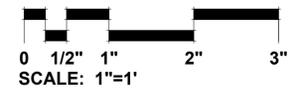
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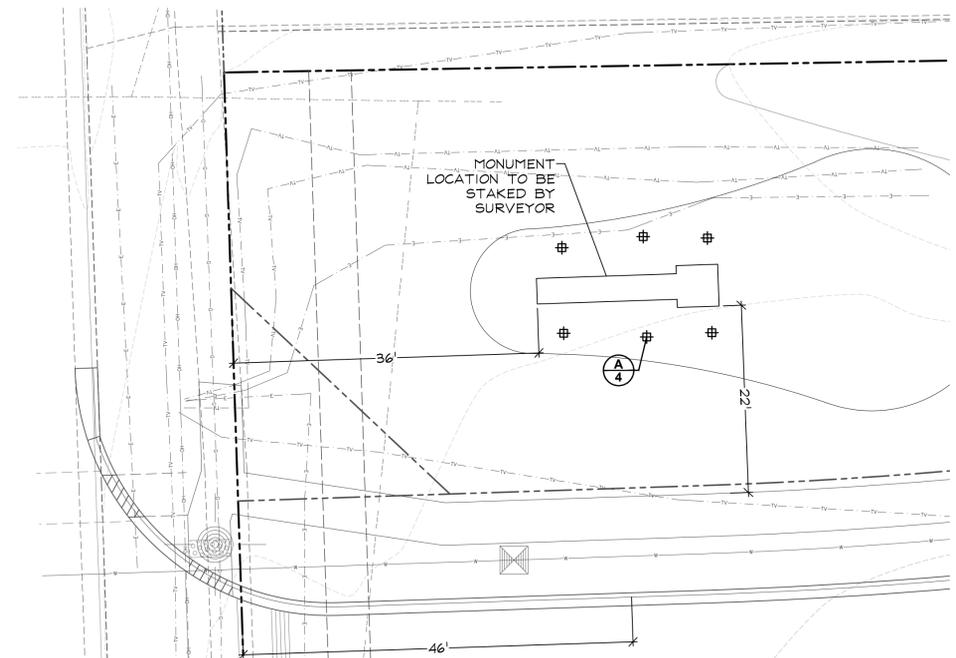
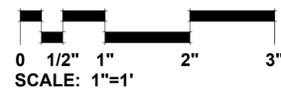
- (1) FONT: OPTILAGO  
RECESSED LETTERING
- (2) BRICK VENEER: ENDICOTT  
COLOR: DESERT IRONSPOT LIGHT  
SIZE: ROMAN (12" x 2") RUNNING BOND  
BRICKS TO BE ATTACHED WITH MASONRY TIES  
SUBMIT COLOR & GROUT SAMPLE TO  
DEVELOPER & LANDSCAPE ARCHITECT.
- (3) PRECAST CONCRETE:  
COLOR: LIMESTONE BY CUSTOM CAST STONE  
OR APPROVED EQUAL.  
CAPS AND PANEL: SMOOTH FACE  
PRECAST CONCRETE TO BE ATTACHED WITH  
STAINLESS STEEL PINS  
SUBMIT COLOR SAMPLE TO DEVELOPER &  
LANDSCAPE ARCHITECT.
- (4) SIGN PANEL  
MATERIAL: PRECAST STONE OR ALUMINUM  
SUBMIT COLOR SAMPLE TO DEVELOPER &  
LANDSCAPE ARCHITECT.



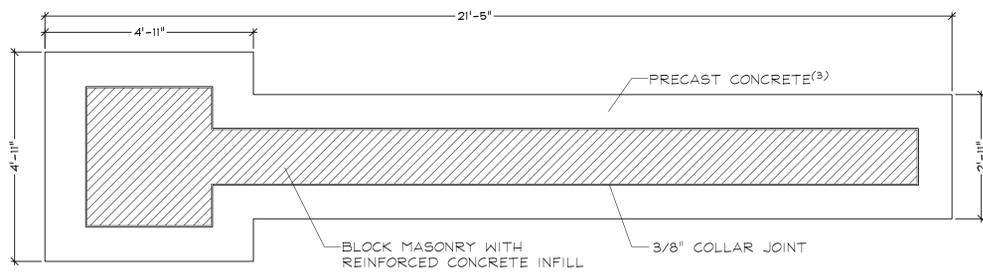
SIGN PANEL DETAIL



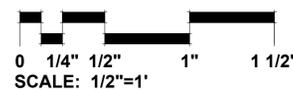
PANEL POST DETAIL



MONUMENT LAYOUT DETAIL



SECTION D-D'



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6	03.17.2025	
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4	01.29.2025	
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REVISIONS

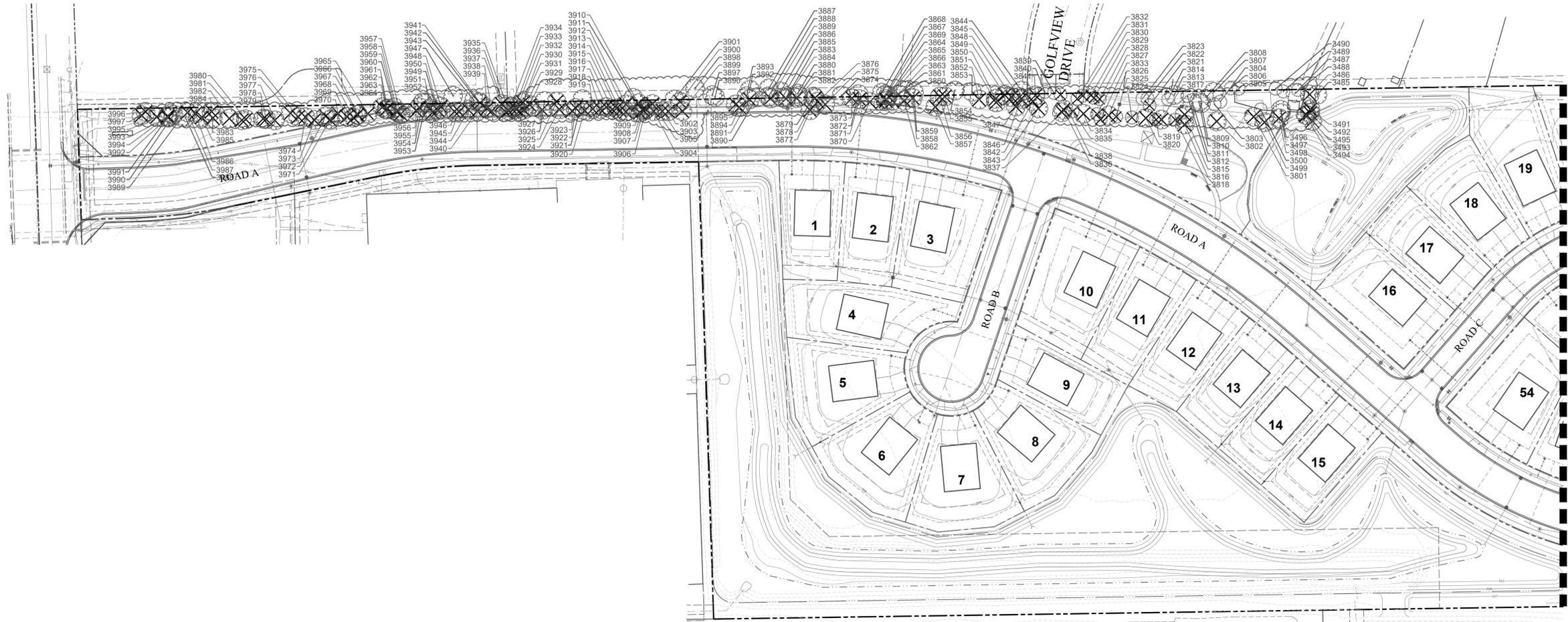
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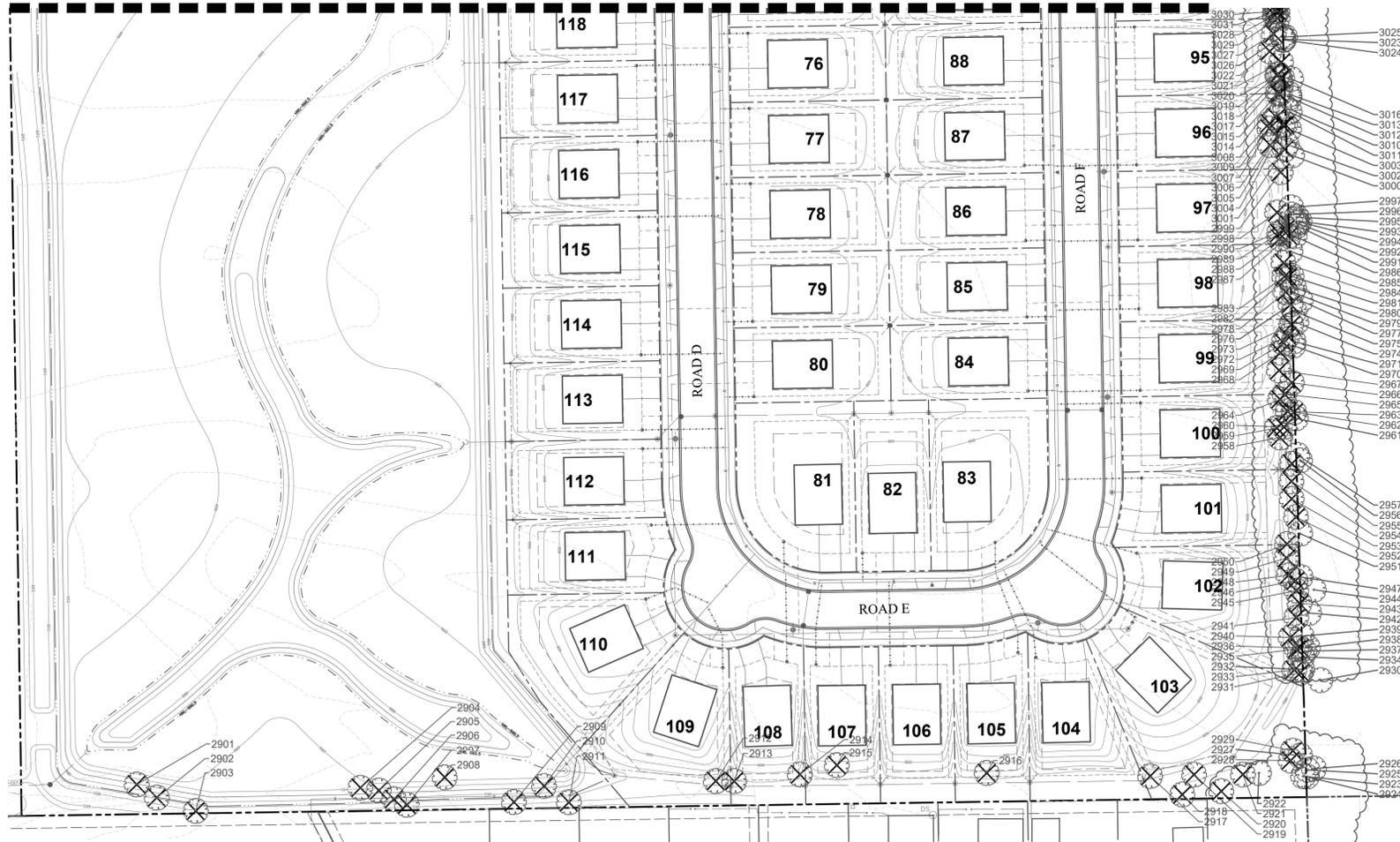
CLIENT  
**D.R. HORTON**  
*America's Builder*  
1750 E. GOLF ROAD, SUITE 925  
SCHAUMBURG, IL 60173  
CIVIL ENGINEER  
**MANHARD CONSULTING**  
333 E. BUTTERFIELD RD. STE. 600  
LOMBARD, IL 60148

**PRAIRIE LANDING**  
JOLIET, ILLINOIS  
**TREE PRESERVATION PLAN**



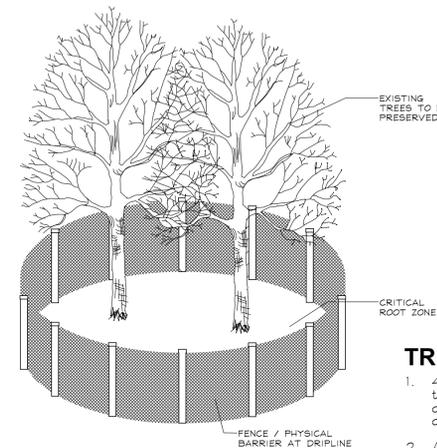
SEE SHEET 9

SEE SHEET 9



**LEGEND**

- 1234 EXISTING TREE
- 1234 EXISTING TREE TO BE REMOVED



**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.



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**RATING AND SURVEY CRITERIA**

- 1) Trees measured at 4.5 ft. above the ground - DBH (diameter Breast Height)
- 2) All trees 4" DBH and above tagged. Dead trees were tagged for removal. Invasive shrubs were not tagged.
- 3) Health Rating:

Rating	Description	Criteria
1	Excellent	Less than 10% dead wood, typical growth for species, no observed defects
2	Good	Less than 20% dead wood, minor defects, sound structure, no decay
3	Fair	Less than 30% dead wood, minor crown die-back, minor trunk damage or cavities
4	Fair to Poor	Approximately 30-50% dead wood, lacking full crown, minor disease evidence, trunk damage
5	Poor	Over 50% dead wood, lacking full crown, disease or decay evident, structural damage/cavities
6	Dead	Less than 10% living wood, greater than 50% missing bark, adventitious growth only, decay

TOTAL TREE COUNT: 524 (2901-3098, 3100, 3271-3300, 3401-3500, 3801-3997)

2901	<i>Prunus caryocarpa</i>	Pear	6	3 - Fair	Crowded		Remove
2902	<i>Prunus sp.</i>	Ash	14, 14	5 - Poor	V-shaped joint/Double Leader/Split Risk	Dead Leader	Remove
2903	<i>Prunus caryocarpa</i>	Pear	5	2 - Good	V-shaped joint/Double Leader/Split Risk		Remove
2904	<i>Gleditsia tricanthos</i>	Honey Locust	14	2 - Good			Remove
2905	<i>Alnus sp.</i>	Crabapple	7	3 - Fair		Trunk Scar	Remove
2906	<i>Prunus serotina</i>	Black Cherry	18	3 - Fair	Unbalanced		Remove
2907	<i>Prunus sp.</i>	Ash	7	5 - Poor		>50% dead wood/Dead Leader/Adventitious Growth	Remove
2908	<i>Prunus sp.</i>	Ash	7, 8	5 - Poor	V-shaped joint/Double Leader/Split Risk		Remove
2909	<i>Prunus serotina</i>	Black Cherry	11	4 - Fair/Poor	Lean		Remove
2910	<i>Prunus sp.</i>	Ash	6.5, 5	5 - Poor	V-shaped joint/Double Leader/Split Risk	30% dead wood	Remove
2911	<i>Prunus sp.</i>	Ash	6	3 - Fair	Lean/Unbalanced		Remove
2912	<i>Morus alba</i>	White Mulberry	23, 22, 14	5 - Poor	V-shaped joint/Double Leader/Lean		Remove
2913	<i>Prunus sp.</i>	Ash	11	3 - Fair	Lean	10% dead wood	Remove
2914	<i>Prunus sp.</i>	Ash	7, 6	5 - Poor	V-shaped joint/Double Leader/Split Risk	20% dead wood	Remove
2915	<i>Prunus caryocarpa</i>	Pear	7.5, 3	5 - Poor	V-shaped joint/Double Leader/Split Risk		Remove
2916	<i>Prunus serotina</i>	Black Cherry	26	4 - Fair/Poor	Fused Leaders		Remove
2917	<i>Acer saccharinum</i>	Silver Maple	11, 10	5 - Poor	V-shaped joint/Double Leader/Split Risk	Trunk Scar	Remove
2918	<i>Prunus serotina</i>	Black Cherry	16, 13	5 - Poor	V-shaped joint/Double Leader/Split Risk/Broken Leader	Trunk Scar	Remove
2919	<i>Prunus caryocarpa</i>	Pear	17	2 - Good	Lean		Remove
2920	<i>Morus alba</i>	White Mulberry	16, 13	5 - Poor	V-shaped joint/Double Leader/Split Risk	Trunk Scar	Remove
2921	<i>Prunus serotina</i>	Black Cherry	11, 8	5 - Poor	V-shaped joint/Double Leader/Split Risk	>50% dead wood/Trunk Damage	Remove
2922	<i>Lonicera virginiana</i>	Red Cedar	8, 3, 5, 11	3 - Fair			Preserve
2923	<i>Celtis occidentalis</i>	Hackberry	22	2 - Good	Unbalanced		Preserve
2924	<i>Maclura pomifera</i>	Osage Orange	20, 16, 16	5 - Poor	V-shaped joint/Double Leader/Split Risk	Wood rot/Trunk Scar	Preserve
2925	<i>Maclura pomifera</i>	Osage Orange	15	4 - Fair/Poor	Lean/Crown Lean/Crowded	30% dead wood	Preserve
2926	<i>Maclura pomifera</i>	Osage Orange	18	5 - Poor	Horizontal Growth	40% dead wood/Trunk Damage	Preserve
2927	<i>Celtis occidentalis</i>	Hackberry	28	2 - Good	Unbalanced		Preserve
2928	<i>Celtis occidentalis</i>	Hackberry	7	4 - Fair/Poor	Crown Lean/Crowded		Remove
2929	<i>Celtis occidentalis</i>	Hackberry	6, 2	5 - Poor	V-shaped joint/Double Leader/Split Risk/Crown Lean		Remove
2930	<i>Prunus serotina</i>	Black Cherry	12, 7, 6	5 - Poor	V-shaped joint/Double Leader/Split Risk	Wood rot/Cavity	Remove
2931	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Unbalanced/Crown Lean		Remove
2932	<i>Prunus serotina</i>	Black Cherry	9	3 - Fair	Lean		Preserve
2933	<i>Prunus serotina</i>	Black Cherry	14	4 - Fair/Poor	Unbalanced	Trunk Damage	Remove
2934	<i>Prunus serotina</i>	Siberian Elm	29	3 - Fair	Lean	10% dead wood/Trunk Scar	Preserve
2935	<i>Prunus serotina</i>	Black Cherry	11	4 - Fair/Poor	Lean/Unbalanced	Fungus-Stem	Remove
2936	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean/Unbalanced		Remove
2937	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead			Remove
2938	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Lean	30% dead wood/Sparse foliage	Preserve
2939	<i>Celtis occidentalis</i>	Hackberry	12	3 - Fair	Unbalanced		Preserve
2940	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
2941	<i>Prunus serotina</i>	Black Cherry	14	4 - Fair/Poor	Unbalanced/Crowded	Trunk Scar	Remove
2942	<i>Morus alba</i>	White Mulberry	23, 13, 10	5 - Poor	V-shaped joint/Double Leader/Split Risk	Dead Leader/Cavity	Preserve
2943	<i>Prunus serotina</i>	Black Cherry	21	5 - Poor	Crown Lean/Crowded	20% dead wood/Wood rot/Trunk Damage	Remove
2944	<i>Prunus serotina</i>	Black Cherry	17	3 - Fair	Unbalanced		Remove
2945	<i>Prunus serotina</i>	Black Cherry	12	6 - Dead			Remove
2946	<i>Prunus serotina</i>	Black Cherry	6, 5	5 - Poor	V-shaped joint/Double Leader/Split Risk	Dead Leader/Cavity	Remove
2947	<i>Prunus serotina</i>	Black Cherry	6	6 - Dead			Remove
2948	<i>Maclura pomifera</i>	Osage Orange	14	5 - Poor	Unbalanced/Crowded	Cavity	Remove
2949	<i>Maclura pomifera</i>	Osage Orange	7	4 - Fair/Poor	Unbalanced/Crowded	30% dead wood	Remove
2950	<i>Maclura pomifera</i>	Osage Orange	13	5 - Poor	Strong lean/Crowded		Remove
2951	<i>Prunus serotina</i>	Black Cherry	15, 11	5 - Poor	U-shaped joint/Double Leader/Lean/Crown Lean		Remove
2952	<i>Maclura pomifera</i>	Osage Orange	3, 20, 20, 15, 14, 11	5 - Poor	V-shaped joint/Double Leader/Split Risk	30% dead wood	Remove
2953	<i>Maclura pomifera</i>	Osage Orange	2, 20, 19, 18, 15, 13, 13	5 - Poor	V-shaped joint/Double Leader/Split Risk	Cavity	Remove
2954	<i>Celtis occidentalis</i>	Hackberry	20	4 - Fair/Poor	Cavity		Remove
2955	<i>Celtis occidentalis</i>	Hackberry	14	3 - Fair	Crown Lean/Crowded		Remove
2956	<i>Prunus serotina</i>	Black Cherry	18	4 - Fair/Poor	Lean	10% dead wood/Trunk Scar	Preserve
2957	<i>Prunus serotina</i>	Black Cherry	13	4 - Fair/Poor	Lean/Crown Lean	20% dead wood/Dead Limbs	Preserve
2958	<i>Maclura pomifera</i>	Osage Orange	8, 6	5 - Poor	V-shaped joint/Double Leader/Split Risk/Crowded		Remove
2959	<i>Ulmus pumila</i>	Siberian Elm	7	4 - Fair/Poor	Crown Lean/Crowded/Broken Limb		Remove
2960	<i>Maclura pomifera</i>	Osage Orange	26	5 - Poor	Fused Leaders/Lean	Trunk Damage	Remove
2961	<i>Prunus serotina</i>	Black Cherry	12	6 - Dead			Remove
2962	<i>Prunus serotina</i>	Black Cherry	13	6 - Dead			Remove
2963	<i>Prunus serotina</i>	Black Cherry	20	3 - Fair	Unbalanced/Crown Lean		Remove
2964	<i>Ulmus pumila</i>	Siberian Elm	6	3 - Fair	Unbalanced		Remove
2965	<i>Prunus serotina</i>	Black Cherry	3	5 - Poor	Strong lean/Crowded		Remove
2966	<i>Prunus serotina</i>	Black Cherry	29	5 - Poor	Split Leaders/Strong lean		Remove
2967	<i>Maclura pomifera</i>	Osage Orange	7, 2	5 - Poor	V-shaped joint/Double Leader/Split Risk/Crowded		Remove
2968	<i>Celtis occidentalis</i>	Hackberry	9	2 - Good			Preserve
2969	<i>Celtis occidentalis</i>	Hackberry	4	2 - Good	Crowded		Remove
2970	<i>Prunus serotina</i>	Black Cherry	15, 10	5 - Poor	V-shaped joint/Double Leader/Broken Leader	20% dead wood	Preserve
2971	<i>Prunus serotina</i>	Black Cherry	21	5 - Poor	Strong lean/Crowded	30% dead wood/Wood rot/Cavity/Trunk Damage	Preserve
2972	<i>Prunus serotina</i>	Black Cherry	9	5 - Poor	Crown Lean/Crowded		Remove
2973	<i>Morus alba</i>	White Mulberry	7	4 - Fair/Poor	Crown Lean/Crowded		Remove
2974	<i>Prunus serotina</i>	Black Cherry	24, 17	5 - Poor	V-shaped joint/Double Leader/Broken Limb	20% dead wood/Trunk Damage	Remove
2975	<i>Unknown</i>	Unknown	9	6 - Dead			Preserve
2976	<i>Prunus serotina</i>	Black Cherry	14	5 - Poor	Unbalanced	30% dead wood/Trunk Damage	Preserve
2977	<i>Morus alba</i>	White Mulberry	15, 13, 9	5 - Poor	V-shaped joint/Double Leader/Split Risk/Lean/Crown Lean		Preserve
2978	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
2979	<i>Prunus serotina</i>	Black Cherry	24	3 - Fair		10% dead wood	Preserve
2980	<i>Prunus serotina</i>	Black Cherry	7	5 - Poor	Lean/Crown Lean/Crowded	Trunk Damage	Preserve
2981	<i>Prunus serotina</i>	Black Cherry	23	3 - Fair	Unbalanced		Preserve
2982	<i>Prunus serotina</i>	Black Cherry	8	6 - Dead			Remove
2983	<i>Prunus serotina</i>	Black Cherry	14, 12	5 - Poor	U-shaped joint/Double Leader/Lean	Cavity/Trunk Damage	Remove
2984	<i>Prunus serotina</i>	Black Cherry	5	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
2985	<i>Prunus serotina</i>	Black Cherry	18	5 - Poor	Broken Limb	Dead Limbs/Fungus-Stem/Trunk Damage	Preserve
2986	<i>Prunus serotina</i>	Black Cherry	7	3 - Fair	Lean		Preserve
2987	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Lean		Remove
2988	<i>Ulmus pumila</i>	Siberian Elm	13	4 - Fair/Poor	Lean/Unbalanced/Broken Limb	10% dead wood	Remove
2989	<i>Prunus serotina</i>	Black Cherry	14	3 - Fair			Remove
2990	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
2991	<i>Prunus serotina</i>	Black Cherry	6	5 - Poor	Strong lean/Crown Lean	50% dead wood/Dead Leader	Preserve
2992	<i>Unknown</i>	Unknown	6	6 - Dead			Preserve
2993	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Lean/Crown Lean	20% dead wood	Preserve
2994	<i>Prunus serotina</i>	Black Cherry	17	4 - Fair/Poor	Lean	20% dead wood/Trunk Scar	Preserve
2995	<i>Prunus serotina</i>	Black Cherry	10	4 - Fair/Poor	Lean/Crown Lean/Crowded		Preserve
2996	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean/Crown Lean	Fungus-Stem	Preserve
2997	<i>Celtis occidentalis</i>	Hackberry	15	2 - Good	Unbalanced		Preserve
2998	<i>Ulmus pumila</i>	Siberian Elm	6	4 - Fair/Poor	Crown Lean/Crowded	20% dead wood	Remove
2999	<i>Prunus serotina</i>	Black Cherry	12	5 - Poor	Strong lean		Remove
3000	<i>Prunus serotina</i>	Black Cherry	16, 14, 13, 10	5 - Poor	V-shaped joint/Double Leader/Split Risk	20% dead wood/Cavity	Preserve
3001	<i>Prunus serotina</i>	Black Cherry	5	5 - Poor	Strong lean	Cavity	Remove
3002	<i>Prunus serotina</i>	Black Cherry	16, 12, 12	5 - Poor	V-shaped joint/Double Leader/Split Risk	Dead Leader/Cavity	Preserve
3003	<i>Prunus serotina</i>	Black Cherry	24	4 - Fair/Poor	Fused Leaders/Lean	10% dead wood	Preserve
3004	<i>Prunus serotina</i>	Black Cherry	10	3 - Fair			Remove
3005	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Crown Lean/Crowded		Remove
3006	<i>Prunus serotina</i>	Black Cherry	5	3 - Fair			Remove
3007	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
3008	<i>Prunus serotina</i>	Black Cherry	5	4 - Fair/Poor	Lean/Crown Lean		Remove
3009	<i>Prunus serotina</i>	Black Cherry	6	6 - Dead			Remove
3010	<i>Acer negundo</i>	Box Elder	6	4 - Fair/Poor	Lean/Crown Lean		Preserve
3011	<i>Prunus serotina</i>	Black Cherry	10	3 - Fair	Lean/Unbalanced		Preserve
3012	<i>Celtis occidentalis</i>	Hackberry	16, 4	3 - Fair	Double Leader	Trunk Scar	Preserve
3013	<i>Prunus serotina</i>	Black Cherry	21, 17	5 - Poor	V-shaped joint/Double Leader/Split Risk	Cavity	Preserve
3014	<i>Celtis occidentalis</i>	Hackberry	5	3 - Fair	Unbalanced/Crown Lean		Remove
3015	<i>Prunus serotina</i>	Black Cherry	10	3 - Fair	Unbalanced		Remove
3016	<i>Celtis occidentalis</i>	Hackberry	17	4 - Fair/Poor	Unbalanced		Preserve
3017	<i>Prunus serotina</i>	Black Cherry	5	6 - Dead			Remove
3018	<i>Prunus serotina</i>	Black Cherry	7	5 - Poor	Strong lean	Trunk Scar	Remove
3019	<i>Prunus serotina</i>	Black Cherry	7	4 - Fair/Poor	Lean/Crowded		Remove
3020	<i>Prunus serotina</i>	Black Cherry	20	4 - Fair/Poor	Lean/Unbalanced	Fungus-Stem/Trunk Damage	Remove
3021	<i>Celtis occidentalis</i>	Hackberry	24	2 - Good			Remove
3022	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Lean/Crowded		Remove
3023	<i>Celtis occidentalis</i>	Hackberry	6	3 - Fair	Crown Lean/Crowded	20% dead wood	Preserve
3024	<i>Celtis occidentalis</i>	Hackberry	10	2 - Good	Crowded		Preserve
3025	<i>Prunus serotina</i>	Black Cherry	36	3 - Fair		Fungus-Stem/Trunk Scar	Preserve
3026	<i>Celtis occidentalis</i>	Hackberry	7	3 - Fair	Crown Lean/Crowded		Preserve
3027	<i>Prunus serotina</i>	Black Cherry	4, 3	5 - Poor	V-shaped joint/Double Leader/Split Risk/Lean/Crowded		Remove
3028	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
3029	<i>Prunus serotina</i>	Black Cherry	4	4 - Fair/Poor	Lean/Crown Lean		Remove
3030	<i>Unknown</i>	Unknown	7	6 - Dead			Remove
3031	<i>Prunus serotina</i>	Black Cherry	9, 7, 5	5 - Poor	V-shaped joint/Double Leader/Split Risk/Strong lean	Trunk Damage	Remove
3032	<i>Prunus serotina</i>	Black Cherry	8	5 - Poor	Strong lean	Trunk Damage	Remove
3033	<i>Acer negundo</i>	Box Elder	17	4 - Fair/Poor	Unbalanced	Trunk Scar	Remove
3034	<i>Prunus serotina</i>	Black Cherry	22	4 - Fair/Poor		30% dead wood/Dead Limbs/Trunk Damage	Preserve
3035	<i>Celtis occidentalis</i>	Hackberry	16	3 - Fair	Lean/Unbalanced	10% dead wood	Preserve
3036	<i>Celtis occidentalis</i>	Hackberry	12	3 - Fair			Preserve
3037	<i>Prunus serotina</i>	Black Cherry	14	4 - Fair/Poor	Lean/Unbalanced	20% dead wood	Remove
3038	<i>Celtis occidentalis</i>	Hackberry	9	3 - Fair	Unbalanced/Crown Lean	Trunk Scar	Remove
3039	<i>Prunus serotina</i>	Black Cherry	12	3 - Fair	Lean		Remove
3040	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
3041	<i>Prunus serotina</i>	Black Cherry	12	5 - Poor	Strong lean/Crowded		Remove
3042	<i>Morus alba</i>	White Mulberry	14	4 - Fair/Poor	Lean/Crown Lean/Crowded	Trunk Scar	Remove
3043	<i>Prunus serotina</i>	Black Cherry	4	6 - Dead			Remove
3044	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Lean/Crowded		Remove
3045	<i>Prunus serotina</i>	Black Cherry	9	4 - Fair/Poor	Lean/Crowded		Remove
3046	<i>Prunus serotina</i>	Black Cherry	8	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
3047	<i>Prunus serotina</i>	Black Cherry	6	4 - Fair/Poor	Lean/Crown Lean/Crowded		Remove
3048	<i>Maclura pomifera</i>	Osage Orange	7, 4	5 - Poor	V-shaped joint/Double Leader/Split Risk		Preserve

SEE SHEET 8

SEE SHEET 8

**LEGEND**

- EXISTING TREE
- EXISTING TREE TO BE REMOVED



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**TREE PRESERVATION PLAN & INVENTORY**

3040	<i>Celtis occidentalis</i>	Hackberry	4	3-Fair	Crowded	Preserve	3486	<i>Prunus serotina</i>	Black Cherry	5	5-Poor	Crowded	>50% dead wood/Vines	Remove	3852	<i>Acer negundo</i>	Box Elder	8	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove
3050	<i>Maclura pomifera</i>	Osage Orange	14,16,10,9	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Remove	3487	<i>Prunus serotina</i>	Black Cherry	20,30 Tall	4-Fair/Poor	Unbalanced/Crown Lean/Crowded	30% dead wood	Remove	3853	<i>Ulmus pumila</i>	White Mulberry	5	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove
3051	<i>Celtis occidentalis</i>	Hackberry	20	2-Good		Preserve	3488	<i>Fraxinus sp.</i>	Ash	4	4-Fair/Poor	Unbalanced/Crown Lean/Crowded	Remove	3854	<i>Ulmus pumila</i>	Siberian Elm	5	5-Poor	Strong lean/Crowded	Remove	
3052	<i>Prunus serotina</i>	Black Cherry	10	3-Fair		Preserve	3489	<i>Prunus sylvestris</i>	Scots Pine	19,50 Tall	3-Fair	Unbalanced/Crown Lean/Crowded	20% dead wood	Remove	3855	<i>Prunus serotina</i>	Black Cherry	7,4,2	5-Poor	V-shaped joint/Multi Leader/Spilt Risk/Crowded	40% dead wood
3053	<i>Prunus serotina</i>	Black Cherry	11	3-Fair		Remove	3490	<i>Prunus serotina</i>	Black Cherry	5,20 Tall	4-Fair/Poor	Unbalanced/Crown Lean/Crowded	30% dead wood	Remove	3856	<i>Ulmus pumila</i>	Siberian Elm	17,7	4-Fair/Poor	V-shaped joint/Double Leader/Lean	Remove
3054	<i>Prunus serotina</i>	Black Cherry	8	4-Fair/Poor	Lean/Unbalanced	Remove	3491	<i>Prunus serotina</i>	Black Cherry	12	4-Fair/Poor	Lean/Crown/Lean	20% dead wood	Remove	3857	<i>Prunus serotina</i>	Black Cherry	7	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove
3055	<i>Prunus serotina</i>	Black Cherry	6	5-Poor	Broken Leader	Remove	3492	<i>Prunus serotina</i>	Black Cherry	14,10	5-Poor	V-shaped joint/Double Leader/Spilt Risk/Lean	Remove	3858	<i>Ulmus pumila</i>	Siberian Elm	10	3-Fair	Unbalanced	Remove	
3056	<i>Prunus serotina</i>	Black Cherry	14	3-Fair	Crown Lean	Remove	3493	<i>Prunus serotina</i>	Black Cherry	6	4-Fair/Poor	Lean/Unbalanced/Crowded	Remove	3859	<i>Ulmus pumila</i>	Siberian Elm	6	4-Fair/Poor	Unbalanced/Crown Lean	Remove	
3057	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor		Preserve	3494	<i>Prunus serotina</i>	Black Cherry	15,3	5-Poor	V-shaped joint/Spilt Risk	20% dead wood	Remove	3860	<i>Prunus serotina</i>	Black Cherry	10	3-Fair	Unbalanced/Crowded	Remove
3058	<i>Prunus serotina</i>	Black Cherry	11	4-Fair/Poor	Lean	Preserve	3495	<i>Gleditsia tricanthos</i>	White Locust	11	4-Fair/Poor	Unbalanced/Crown Lean	20% dead wood	Remove	3861	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Unbalanced/Crowded	Remove
3059	<i>Prunus serotina</i>	Black Cherry	9,5	5-Poor	Fused Leaders	Remove	3496	<i>Prunus serotina</i>	Black Cherry	7	4-Fair/Poor		30% dead wood	Remove	3862	<i>Prunus serotina</i>	Black Cherry	6	4-Fair/Poor	Crowded	Remove
3060	<i>Prunus serotina</i>	Black Cherry	8	4-Fair/Poor		Remove	3497	<i>Prunus serotina</i>	Black Cherry	7	3-Fair	Lean/Unbalanced	40% dead wood	Remove	3863	<i>Ulmus pumila</i>	Siberian Elm	12	4-Fair/Poor	Lean/Unbalanced	Remove
3061	<i>Prunus serotina</i>	Black Cherry	8,4	6-Dead		Remove	3498	<i>Prunus serotina</i>	Black Cherry	9,7,6	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	3864	<i>Acer saccharinum</i>	Silver Maple	14,7	3-Fair	U-shaped joint/Double Leader	Remove	
3062	<i>Prunus serotina</i>	Black Cherry	6	3-Fair	Lean	Remove	3499	<i>Tilia americana</i>	American Basswood	12	3-Fair	Lean	Remove	3865	<i>Acer saccharinum</i>	Silver Maple	4	3-Fair	Unbalanced/Crown Lean	Remove	
3063	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3500	<i>Picea pungens</i>	Colorado Spruce	7,25 Tall	2-Good		Remove	3866	<i>Acer saccharinum</i>	Silver Maple	4,4	5-Poor	V-shaped joint/Double Leader/Spilt Risk/Crowded	Remove	
3064	<i>Prunus serotina</i>	Black Cherry	7	5-Poor	Unbalanced/Crowded	Remove	3501	<i>Prunus serotina</i>	Black Cherry	4,3,2,2	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Trunk Damage	3867	<i>Ulmus pumila</i>	Siberian Elm	10	4-Fair/Poor	Unbalanced/Crowded	Vines	
3065	<i>Prunus serotina</i>	Black Cherry	5	5-Poor	Lean/Crown/Lean	Remove	3502	<i>Tilia americana</i>	American Basswood	6,6,3,3,2,2,2	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Trunk Damage	3868	<i>Ulmus pumila</i>	Siberian Elm	13	4-Fair/Poor	V-shaped joint/Double Leader/Spilt Risk	20% dead wood/Vines	
3066	<i>Prunus serotina</i>	Black Cherry	5	5-Poor	Unbalanced/Crowded	Remove	3503	<i>Prunus sylvestris</i>	Scots Pine	11	4-Fair/Poor	Unbalanced/Crowded	Trunk Scar	3869	<i>Ulmus pumila</i>	Siberian Elm	10	4-Fair/Poor	Unbalanced	Vines	
3067	<i>Prunus serotina</i>	Black Cherry	5	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3504	<i>Prunus sylvestris</i>	Scots Pine	12	4-Fair/Poor	Unbalanced/Crowded	Remove	3870	<i>Ulmus pumila</i>	Siberian Elm	4	3-Fair	Lean	Vines	
3068	<i>Prunus serotina</i>	Black Cherry	5	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3505	<i>Prunus nigra</i>	Austrian Pine	22,30 Tall	4-Fair/Poor	Unbalanced/Crowded	Remove	3871	<i>Prunus serotina</i>	Black Cherry	6	3-Fair	Unbalanced	Remove	
3069	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3506	<i>Prunus sylvestris</i>	Scots Pine	19,45 Tall	3-Fair	Lean	Trunk Scar	3872	<i>Ulmus pumila</i>	Siberian Elm	7	4-Fair/Poor	Unbalanced	30% dead wood/Vines	
3070	<i>Prunus serotina</i>	Black Cherry	6	5-Poor	Strong lean	Remove	3507	<i>Acer sp.</i>	Maple Cultivar	26	3-Fair		Remove	3873	<i>Prunus serotina</i>	Black Cherry	6	3-Fair	Unbalanced/Crown Lean	Remove	
3071	<i>Prunus serotina</i>	Black Cherry	12	5-Poor	Crown Lean	Remove	3508	<i>Jumpers virginiana</i>	Red Cedar	7,20 Tall	4-Fair/Poor	Lean/Unbalanced	30% dead wood	3874	<i>Prunus serotina</i>	Black Cherry	9,9	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	
3072	<i>Maclura pomifera</i>	Osage Orange	19,14,7,7,6,4,4	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Preserve	3509	<i>Prunus serotina</i>	Black Cherry	4,3,3	5-Poor	V-shaped joint/Multi Leader/Spilt Risk/Lean	40% dead wood/Trunk Damage	3875	<i>Prunus serotina</i>	Black Cherry	7	3-Fair	Lean/Crowded	Dead Leader	
3073	<i>Prunus serotina</i>	Black Cherry	32,4	4-Fair/Poor		Remove	3510	<i>Prunus serotina</i>	Black Cherry	4	5-Poor	Lean/Crown/Lean/Broken Leader	Trunk Damage	3876	<i>Prunus serotina</i>	Black Cherry	10,7,6	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Remove	
3074	<i>Celtis occidentalis</i>	Hackberry	9	3-Fair	Unbalanced/Crowded	Preserve	3511	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Lean	Remove	3877	<i>Ulmus pumila</i>	Siberian Elm	7	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Remove	
3075	<i>Celtis occidentalis</i>	Hackberry	4	3-Fair	Unbalanced/Crowded	Remove	3512	<i>Prunus sylvestris</i>	Scots Pine	9	5-Poor	Unbalanced/Crowded	50% dead wood	3878	<i>Ulmus pumila</i>	Siberian Elm	6	4-Fair/Poor	Lean/Crown/Lean/Crowded	>50% dead wood/Vines	
3076	<i>Prunus serotina</i>	Black Cherry	4	3-Fair	Unbalanced/Crown Lean	Remove	3513	<i>Acer rubrum</i>	Red Maple	13	2-Good		Remove	3879	<i>Acer negundo</i>	Box Elder	6	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	
3077	<i>Prunus serotina</i>	Black Cherry	5	4-Fair/Poor	Lean/Crown/Lean	Remove	3514	<i>Picea pungens</i>	Colorado Spruce	5,15 Tall	3-Fair	Lean/Unbalanced	50% dead wood	3880	<i>Ulmus pumila</i>	Siberian Elm	8	3-Fair	Lean	Remove	
3078	<i>Prunus serotina</i>	Black Cherry	6	4-Fair/Poor	Fused Leaders/Lean/Crown/Lean/Crowded	Remove	3515	<i>Prunus serotina</i>	Black Cherry	12	4-Fair/Poor	Lean	Remove	3881	<i>Ulmus pumila</i>	Siberian Elm	9	3-Fair	Lean	Remove	
3079	<i>Prunus serotina</i>	Black Cherry	6	3-Fair	Lean	Preserve	3516	<i>Acer saccharinum</i>	Silver Maple	4	4-Fair/Poor	Lean/Unbalanced/Crowded	Remove	3882	<i>Ulmus pumila</i>	Siberian Elm	9	3-Fair	Lean	Remove	
3080	<i>Prunus serotina</i>	Black Cherry	6	6-Dead		Remove	3517	<i>Quercus bicolor</i>	Swamp White Oak	6	2-Good		Remove	3883	<i>Prunus serotina</i>	Black Cherry	7,6	5-Poor	V-shaped joint/Double Leader/Spilt Risk/Lean	Remove	
3081	<i>Prunus serotina</i>	Black Cherry	7	4-Fair/Poor	Lean/Crown/Lean	Remove	3518	<i>Picea pungens</i>	Colorado Spruce	7,25 Tall	2-Good		Remove	3884	<i>Acer negundo</i>	Box Elder	8,6	5-Poor	V-shaped joint/Double Leader/Spilt Risk	>50% dead wood/Dead Leader	
3082	<i>Prunus serotina</i>	Black Cherry	5	5-Poor	Horizontal Crown	Remove	3519	<i>Picea pungens</i>	Colorado Spruce	8,25 Tall	2-Good		Remove	3885	<i>Celtis occidentalis</i>	Hackberry	10,8	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	
3083	<i>Prunus serotina</i>	Black Cherry	7	5-Poor	Lean/Crown/Lean	Preserve	3520	<i>Acer rubrum</i>	Red Maple	4,3,2	2-Good		Remove	3886	<i>Prunus serotina</i>	Black Cherry	19	3-Fair	Lean	Remove	
3084	<i>Prunus serotina</i>	Black Cherry	6	5-Poor	Strong lean	Remove	3521	<i>Prunus sylvestris</i>	Scots Pine	10,35 Tall	4-Fair/Poor	Lean/Unbalanced	30% dead wood	3887	<i>Ulmus pumila</i>	Siberian Elm	28,20,10,10	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Trunk Damage	
3085	<i>Prunus serotina</i>	Black Cherry	25,10,6,8	4-Fair/Poor	Dead Leader/Trunk Damage	Remove	3522	<i>Prunus sylvestris</i>	Scots Pine	14,50 Tall	4-Fair/Poor	Lean	Remove	3888	<i>Celtis occidentalis</i>	Hackberry	4	3-Fair	Crowded	Remove	
3086	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Unbalanced/Crown Lean	Remove	3523	<i>Prunus strobus</i>	White Pine	5	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3889	<i>Celtis occidentalis</i>	Hackberry	6	3-Fair	Crown Lean/Crowded	Preserve	
3087	<i>Prunus serotina</i>	Black Cherry	4	3-Fair	Crown Lean/Crowded	Remove	3524	<i>Picea pungens</i>	Colorado Spruce	8,30 Tall	2-Good		Remove	3890	<i>Celtis occidentalis</i>	Hackberry	6	3-Fair	Crown Lean/Crowded	Preserve	
3088	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Lean/Crown/Lean/Crowded	Remove	3525	<i>Prunus strobus</i>	White Pine	7,25 Tall	2-Good		Remove	3891	<i>Celtis occidentalis</i>	Hackberry	6	3-Fair	Crown Lean/Crowded	Preserve	
3089	<i>Ulmus pumila</i>	Siberian Elm	12,9	5-Poor	Lean/Crown/Lean/Spilt Risk	Remove	3526	<i>Quercus bicolor</i>	Swamp White Oak	7,20 Tall	2-Good		Remove	3892	<i>Prunus serotina</i>	Black Cherry	9,9	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Remove	
3090	<i>Prunus serotina</i>	Black Cherry	7	4-Fair/Poor	Lean/Crown/Lean	Remove	3527	<i>Prunus strobus</i>	White Pine	8,15 Tall	2-Good		Remove	3893	<i>Pyrus calleryana</i>	Pear	4	4-Fair/Poor	Lean/Crown/Lean	Remove	
3091	<i>Prunus serotina</i>	Black Cherry	11,8	4-Fair/Poor	U-shaped joint/Double Leader/Lean	Preserve	3528	<i>Picea pungens</i>	Colorado Spruce	11,20 Tall	4-Fair/Poor	Unbalanced/Crowded	30% dead wood	3894	<i>Ulmus pumila</i>	Siberian Elm	9,7	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	
3092	<i>Prunus serotina</i>	Black Cherry	18	4-Fair/Poor	Trunk Damage	Remove	3529	<i>Picea pungens</i>	Colorado Spruce	8,25 Tall	4-Fair/Poor	Lean/Unbalanced/Crowded	20% dead wood	3895	<i>Ulmus pumila</i>	Siberian Elm	6	3-Fair	Unbalanced	Remove	
3093	<i>Ulmus pumila</i>	Siberian Elm	4	4-Fair/Poor	Lean/Crown/Crowded	Remove	3530	<i>Picea pungens</i>	Colorado Spruce	14,40 Tall	3-Fair	Lean	20% dead wood	3896	<i>Ulmus pumila</i>	Siberian Elm	12	3-Fair	Crown Lean	Remove	
3094	<i>Prunus serotina</i>	Black Cherry	6	5-Poor	Crown Lean	Remove	3531	<i>Picea pungens</i>	Colorado Spruce	8,25 Tall	4-Fair/Poor	Lean/Unbalanced	20% dead wood	3897	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Crown Lean	Remove	
3095	<i>Prunus serotina</i>	Black Cherry	4,3	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	3532	<i>Picea pungens</i>	Colorado Spruce	4,20 Tall	4-Fair/Poor	Unbalanced	40% dead wood	3898	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Crown Lean	Trunk Scar	
3096	<i>Ulmus pumila</i>	Siberian Elm	7	4-Fair/Poor	Lean	Remove	3533	<i>Prunus strobus</i>	White Pine	7,20 Tall	2-Good		Remove	3899	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Crown Lean	Remove	
3097	<i>Celtis occidentalis</i>	Hackberry	4	3-Fair	Unbalanced/Crown Lean	Remove	3534	<i>Prunus serotina</i>	Black Cherry	16	4-Fair/Poor	Fused Leaders	Remove	3900	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Lean	Remove	
3098	<i>Prunus serotina</i>	Black Cherry	14,6	5-Poor	V-shaped joint/Double Leader/Spilt Risk/Lean	Remove	3535	<i>Prunus strobus</i>	White Pine	6,12 Tall	4-Fair/Poor	Crowded	30% dead wood	3901	<i>Ulmus pumila</i>	Siberian Elm	7	3-Fair	Lean	Remove	
3100	<i>Prunus serotina</i>	Black Cherry	7	5-Poor	Trunk Damage	Remove	3536	<i>Prunus serotina</i>	Black Cherry	4	4-Fair/Poor	Crowded	Trunk Scar	3902	<i>Ulmus pumila</i>	Siberian Elm	6	3-Fair	Lean	Remove	
3271	<i>Prunus serotina</i>	Black Cherry	15,11	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	3537	<i>Prunus serotina</i>	Black Cherry	4,4,3	5-Poor	V-shaped joint/Multi Leader/Spilt Risk	Remove	3903	<i>Ulmus pumila</i>	Siberian Elm	6	3-Fair	Lean	Remove	
3272	<i>Prunus serotina</i>	Black Cherry	5	3-Fair	Crown Lean	Remove	3538	<i>Picea pungens</i>	Colorado Spruce	5,20 Tall	3-Fair	Lean	20% dead wood	3904	<i>Celtis occidentalis</i>	Hackberry	6	3-Fair	Crown Lean/Crowded	Preserve	
3273	<i>Celtis occidentalis</i>	Hackberry	7	3-Fair	Unbalanced/Crowded	Preserve	3539	<i>Picea pungens</i>	Colorado Spruce	11,40 Tall	4-Fair/Poor	Lean	Trunk Damage	3905	<i>Celtis occidentalis</i>	Hackberry	6	3-Fair	Crown Lean/Crowded	Preserve	
3274	<i>Prunus serotina</i>	Black Cherry	19,16,8	3-Fair	V-shaped joint/Multi Leader/Spilt Risk	Remove	3540	<i>Picea pungens</i>	Colorado Spruce	9,20 Tall	3-Fair	Lean	20% dead wood	3906	<i>Celtis occidentalis</i>	Hackberry	10,8	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	
3275	<i>Celtis occidentalis</i>	Hackberry	11	3-Fair	Unbalanced/Crowded	Remove	3541	<i>Pyrus calleryana</i>	Pear	4	3-Fair	Unbalanced/Crowded	Remove	3907	<i>Prunus serotina</i>	Black Cherry	7,6	5-Poor	V-shaped joint/Double Leader/Spilt Risk	Remove	
3276	<i>Prunus serotina</i>	Black Cherry	7,6	5-Poor																	

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. The design, furnishing and installation of a complete underground sprinkler system; and
5. 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. Comply with governing regulations applicable to landscape materials.
2. 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.
3. Analysis and Standards: Package standard products with manufacturers certified analysis.

C. Insect Control

1. For areas containing standing water less than 3-ft that persist for greater than 7 days, mosquito control may be necessary. Mosquito control should be limited to larvicides applications such as Natulan or Vectolex FG, per the EPA and CDC guidance. Larvicide application should be provided by a qualified professional. Contract the North Shore Mosquito Abatement District for service.

1.3 SUBMITTALS

A. Planting Schedule

Submit three (3) copies of the proposed planting schedule showing dates for each type of planting

B. 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.

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. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.

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. Contractor shall be responsible for any damage to utilities or property.

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 and until final inspection.

B. Guarantee trees, shrubs, groundcover and perennials for a period of one year 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.

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-way blend of Kentucky Bluegrass such as: Midnight, Allure, Viva, Washington, Liberty.

2.2 LAWN SEED MIXTURE

Grass Seed: Provide fresh, clean, new crop seed complying with the tolerance for purity and germination established by the Official Seed Analysts of North America. Provide seed of the grass species, proportions and maximum percentage of weed seed, as specified.

- A. Lawn Seed Mixture - 5 lbs. / 1,000 sq. ft.
  - 50% Kentucky Bluegrass (98/85)
  - 15% Cutter Perennial Ryegrass
  - 10% Spartan Hard Fescue
  - 10% Edge Perennial Ryegrass
  - 10% Express Perennial Ryegrass
  - 5% Pennlawn Creeping Red Fescue
- B. Temporary Lawn Seed Mixture - 5 lbs. / 1,000 sq. ft.
  - 40% Kentucky Bluegrass (98/85)
  - 40% Perennial Ryegrass
  - 20% Annual Ryegrass
- C. Highlands Fescue Seed Mixture - Mixture-7 lbs. / 1,000 sq. ft.
  - 25% Discovery Hard Fescue
  - 25% Tiffany Chewings Fescue
  - 25% Florentine Creeping Red Fescue
  - 25% Bighorn Sheeps Fescue
- D. Detention Seed Mixture - 7 lbs. / 1000 sq. ft.
  - 70% Kentucky 31 Tall Fescue
  - 30% Perennial Ryegrass

2.3 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.

2.4 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. Provide single stem trees except where special forms are shown or listed. Provide balled and burlapped (B&B) deciduous trees.

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. Provide balled and burlapped (B&B) deciduous shrubs.

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. 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.

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 balls or roots, diseases, insects and latent defects or injuries. Rejected plants shall be removed immediately from the site.

2.5 PLANTING SOIL MIXTURE

Provide planting soil mixture consisting of clean uncompacted topsoil (stockpiled at site) for all planting pits, perennial, annual and groundcover areas. Topsoil shall be conditioned based on any recommendations resulting from the soil test in 1.3.C.

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 Areas: Erosion Control Blanket: North American Green SC150, or equivalent approved equal. To be installed per manufacturer's recommendations three feet above and below NKL.

D. Refer to latest Engineering & Erosion Control Plans for any areas to receive permanent or long-term blanket installation.

E. Hydroseed Mulch: Conweb 2000 wood fiber mulch with tackifier. Other mulches may be used subject to approval of Landscape Architect.

2.7 MULCH

Provide mulch consisting of premium shredded hardwood bark. 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. Dispose of such material legally off-site, do not turn over into soil being prepared for lawns.
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. Dispose of such material legally off-site.
3. 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.
4. Lay sod within 24 hours from time of stripping.
5. 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 boards 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.
6. Water sod thoroughly with a fine spray immediately after planting.

B. Seeding New Lawns

1. Remove existing grass, vegetation and turf. Dispose of such material legally off-site. Do not turn over into soil being prepared for lawns.
2. Till to a depth of not less than 6"; apply soil amendments; 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.
3. Seeded lawn areas shall receive an application of commercial fertilizer at the rate of 5 lbs. per 1,000 sq. ft. and shall be 6-24-24. Fertilizer shall be uniformly spread and mixed into the soil to a depth of 1" inches.
4. Do not use wet seed or seed which is moldy or otherwise damaged in transit or storage.
5. Sow seed using a spreader or seeding machine. Do not seed when wind velocity exceeds five (5) miles per hour. Distribute seed evenly over entire area by sowing equal quantity in two directions at right angles to each other.
6. Sow not less than specified rate.
7. Rake lawn seed lightly into top 1" of soil, roll lightly and water with a fine spray.
8. After the seeding operation is completed, spray a wood fiber mulch (Conweb 2000 with tackifier or approved equal) over the entire grassed area at the rate of 2,000 lbs. per acre. Use a mechanical spray unit to insure uniform coverage. Exercise care to protect buildings, automobiles and people during the application of the mulch.
9. DO NOT MOW HIGHLANDS FESCUE SEED MIXTURE.

C. Groundcover and Perennial Beds

Groundcover, perennials, and annuals shall be planted in continuous beds of planting soil mixture a minimum of 8" 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. 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.
2. Dish top of backfill to allow for mulching. Provide additional backfill berm around edge of excavations to form shallow saucer to collect water.
3. Mulch pits, trenches and planted areas. Provide not less than 3" thickness of mulch and work into top of backfill and finish level with adjacent finish grades. Maintain exposed root flare at all times.
4. 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.
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. 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.

3.3 INITIAL MAINTENANCE

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

3.4 CLEAN UP AND PROTECTION

- A. During landscape work, store materials and equipment where directed. Keep pavements clean and work areas and adjoining areas in an orderly condition.
- B. 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.

3.5 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. After final acceptance, the Owner will be responsible for maintenance.



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JOLIET, ILLINOIS

LANDSCAPE SPECIFICATIONS

6	03.17.2025
5	02.13.2025
4	01.29.2025
3	12.18.2024
2	12.02.2024
1	11.14.2024

REVISIONS

DATE	11.01.2024
PROJECT NO.	DR2186
DRAWN	SMR
CHECKED	DHS
SHEET NO.	

120F 12



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