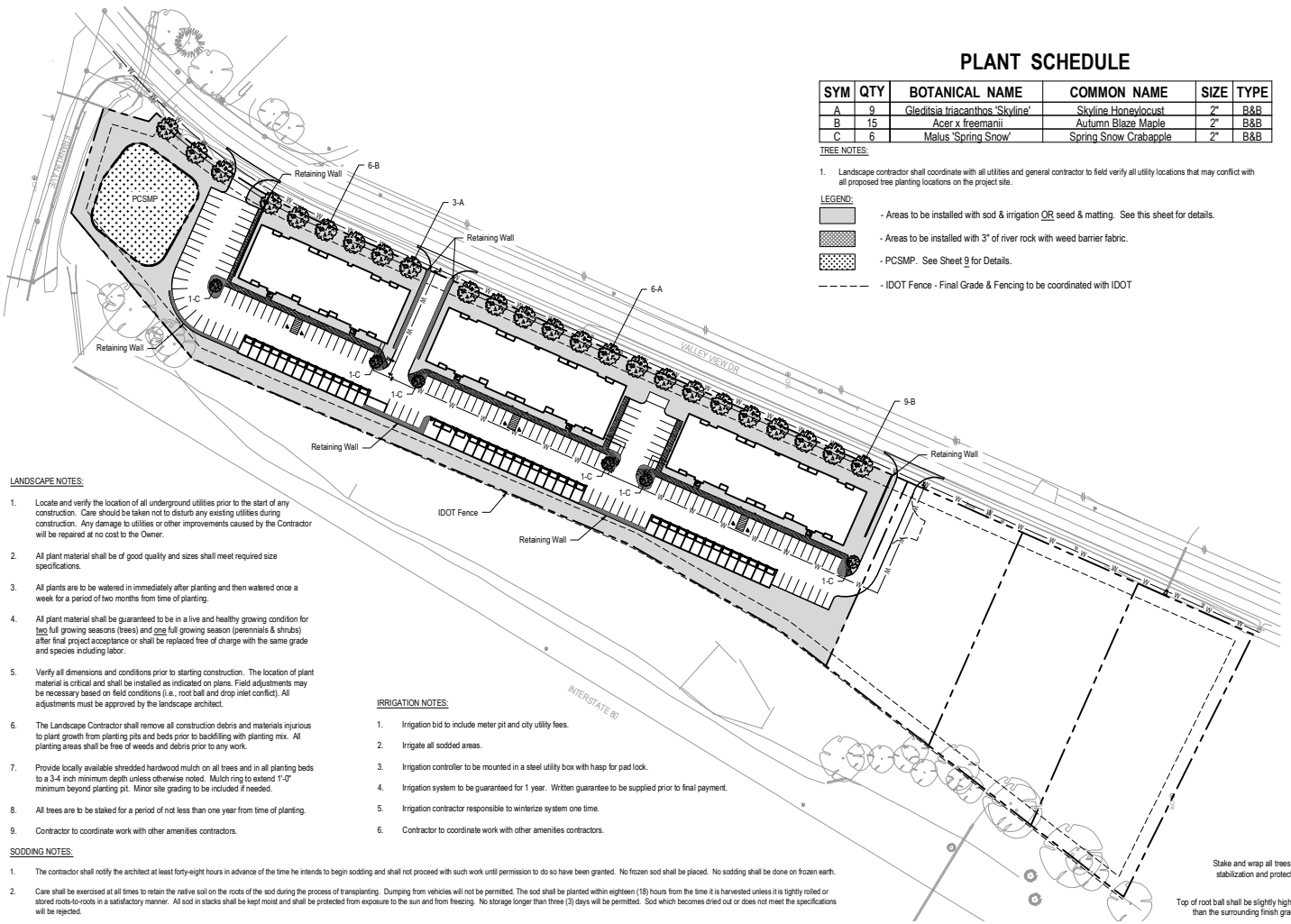
Attachment E



PLANT SCHEDULE

SYM	QTY	BOTANICAL NAME	COMMON NAME	SIZE	TYPE
A	9	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	2"	B&B
B	15	Acer x freemanii	Autumn Blaze Maple	2"	B&B
C	6	Malus 'Spring Snow'	Spring Snow Crabapple	2"	B&B

TREE NOTES:

1. Landscape contractor shall coordinate with all utilities and general contractor to field verify all utility locations that may conflict with all proposed tree planting locations on the project site.

LEGEND:

- Areas to be installed with sod & irrigation OR seed & matting. See this sheet for details.
- Areas to be installed with 3" of river rock with weed barrier fabric.
- PCSMP. See Sheet 9 for Details.
- IDOT Fence - Final Grade & Fencing to be coordinated with IDOT

60 0 60

1 inch = 60 ft.

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TOLL-FREE
CALL-BEFORE-YOU-DIG

LANDSCAPE NOTES:

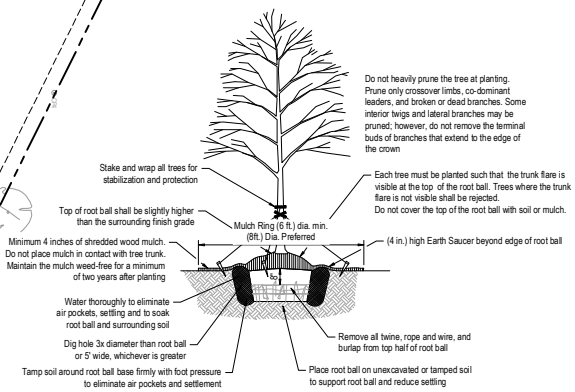
1. Locate and verify the location of all underground utilities prior to the start of any construction. Care should be taken not to disturb any existing utilities during construction. Any damage to utilities or other improvements caused by the Contractor will be repaired at no cost to the Owner.
2. All plant material shall be of good quality and sizes shall meet required size specifications.
3. All plants are to be watered in immediately after planting and then watered once a week for a period of two months from time of planting.
4. All plant material shall be guaranteed to be in a live and healthy growing condition for two full growing seasons (trees) and one full growing season (perennials & shrubs) after final project acceptance or shall be replaced free of charge with the same grade and species including labor.
5. Verify all dimensions and conditions prior to starting construction. The location of plant material is critical and shall be installed as indicated on plans. Field adjustments may be necessary based on field conditions (i.e., root ball and drop inlet conflict). All adjustments must be approved by the landscape architect.
6. The Landscape Contractor shall remove all construction debris and materials injurious to plant growth from planting pits and beds prior to backfilling with planting mix. All planting areas shall be free of weeds and debris prior to any work.
7. Provide locally available shredded hardwood mulch on all trees and in all planting beds to a 3-4 inch minimum depth unless otherwise noted. Mulch ring to extend 1'-0" minimum beyond planting pit. Minor site grading to be included if needed.
8. All trees are to be staked for a period of not less than one year from time of planting.
9. Contractor to coordinate work with other amenities contractors.

IRRIGATION NOTES:

1. Irrigation bid to include meter pit and city utility fees.
2. Irrigate all sodded areas.
3. Irrigation controller to be mounted in a steel utility box with hasp for pad lock.
4. Irrigation system to be guaranteed for 1 year. Written guarantee to be supplied prior to final payment.
5. Irrigation contractor responsible to winterize system one time.
6. Contractor to coordinate work with other amenities contractors.

SODDING NOTES:

1. The contractor shall notify the architect at least forty-eight hours in advance of the time he intends to begin sodding and shall not proceed with such work until permission to do so have been granted. No frozen sod shall be placed. No sodding shall be done on frozen earth.
2. Care shall be exercised at all times to retain the native soil on the roots of the sod during the process of transplanting. Dumping from vehicles will not be permitted. The sod shall be planted within eighteen (18) hours from the time it is harvested unless it is tightly rolled or stored roots-to-roots in a satisfactory manner. All sod in stacks shall be kept moist and shall be protected from exposure to the sun and from freezing. No storage longer than three (3) days will be permitted. Sod which becomes dried out or does not meet the specifications will be rejected.
3. There shall be a minimum of six inches, after tamping, of topsoil under all sod. Excavations or trenching shall be made to a sufficient depth below the finished grade of the sod to accommodate the depth of topsoil as specified and the thickness of sod as specified. Fertilizer shall be applied at a rate to provide 100 pounds of nitrogen per acre unless fertilizer has been applied under another item in this contract to the topsoil in the sod bed. Fertilizer applied under this item shall be incorporated with the topsoil to a depth of at least two inches before the sod is laid, unless otherwise specified or approved. Incorporation shall be accomplished by disking, harrowing, drilling, raking or other approved means.
4. The soil on which the sod is laid shall be reasonably moist and shall be watered, if so directed. The sod shall be laid smoothly, edge to edge, and all openings shall be plugged with sod. Immediately after the sod is laid, it shall be pressed firmly into contact with the sod bed by tamping, rolling, or by other approved methods so as to eliminate all air pockets, provide true and even surfaces, insure knitting and protect all exposed sod edges but without displacement of the sod or deformation of the surface of the sodded areas and watered at the rate of five gallons per square yard of sodded area unless otherwise directed.
5. The contractor shall take care of the sodded areas until all work on the entire contract has been completed, and sod has been mowed twice and then accepted. Such care shall consist of providing protection against traffic by approved warning signs or barricades and the mowing of grass to the height of two inches when the growth attains a maximum height of four inches.
6. Sod shall also be watered. When the sod is watered, sufficient water shall be applied to wet the sod at least two inches deep in the sod bed. Watering shall be done in a manner which will not cause erosion or other damage to the finished surfaces. Any surfaces which become gullied or otherwise damaged shall be repaired to reestablish the grade and conditions of the soil prior to sodding and shall then be re-fertilized and re-sodded as specified under this item.
7. In drainage-ways or slopes, the sod shall be laid with their longest dimensions parallel to the contours. Such sodding shall begin at the base of slopes or grades and the sodding progress in continuous parallel rows working upward. Vertical joints between such sodding shall be staggered. All sod shall be laid to the grades specified and the grades formed with special care at the junction of drainage-ways.
8. Sod shall be held in place by stakes in all drainage-ways, on all slopes steeper than 4:1 and elsewhere where specified or as directed. Pegging shall be done immediately after tamping. At least one stake shall be driven through each sod to be staked, and the stakes shall not be more than two feet apart. Stakes shall have their flat sides against the slope and be driven flush. Stakes for pegging sod shall be of wood, approximately one inch by two inches and of sufficient length to penetrate the sod, the topsoil and to a minimum depth of two inches of subsoil.
9. The contractor shall keep all sodded areas thoroughly watered for a period of thirty (30) calendar days after the initial laying and as often as required thereafter until sod has been fully established (two mowings) and accepted by the engineer and owner. Contractor to use temporary irrigation for the watering of the sod. Contractor to supply all necessary hoses, fittings and sprinklers for all watering needs.
10. All sod must be fully established (two mowings) and growing at the time of inspection and acceptance.



TREE PLANTING DETAIL - B & B TREE

NOT TO SCALE

E & A CONSULTING GROUP, INC.
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E & A CONSULTING GROUP, INC. Engineering Answers

WESTERN RIDGE APARTMENTS
COUNCIL BLUFFS
POTTAWATTAMIE COUNTY, IOWA

LANDSCAPE PLAN

Revisions		
No.	Date	Description
1	7/13/23	

Prj No: P2022.021.000
Date: 7/13/23
Designed By: MKT
Drawn By: MKT
Scale: AS SHOWN
Sheet: 1 of 1

Jeremy J. Wright 7/13/2023 3:59 PM K:\Projects\2022\021.000\Engineering\CAD Files\LA Sheets\ACAD\LA Title Sheet - 11x17.dwg