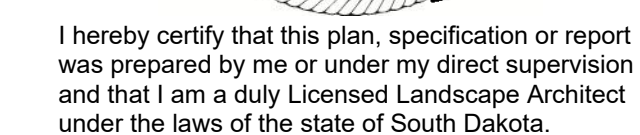




PROJECT INFORMATION

**BROOKINGS
MARKETPLACE
RETAIL**

Brookings, SD



Name: Justin C. Baggenstoss

LICENSE NO.

DATE _____

LA 16829 07/12/2024

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PROJ. NO.

701723

ISSUE RECORD

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LANDSCAPE
TITLE SHEET

L001

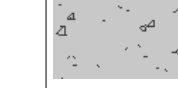

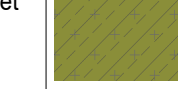
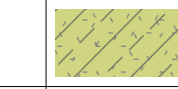
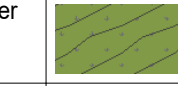

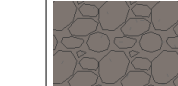

GENERAL NOTES

1. REFER TO CIVIL DRAWINGS FOR ALL UNDERGROUND UTILITIES AND GRADING/DRAINAGE INFORMATION. CIVIL LINEWORK IS SHOWN FOR COORDINATION PURPOSES ONLY.



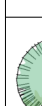






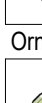

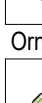

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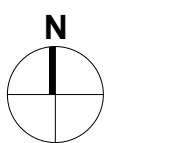
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SURFACE TREATMENT LEGEND

| SURFACE TYPE | GRAPHIC ID |
|--|---|
| Concrete Pavement |  |
| Native Perennial Temp Seed Mix-SD DOT Type C Mix |  |
| Native Pollinator Mesic/Wet Seed Mix |  |
| Native Pollinator Upland Mesic/Dry Seed Mix |  |
| Native Pollinator Wildflower Shortgrass Seed Mix |  |
| Planting Areas |  |
| Rock Mulch #1 |  |
| Turfgrass-Seeded-SD DOT Type D Mix |  |

PLANTING LEGEND:

| SYM | COMMON NAME | SCIENTIFIC NAME |
|---|--------------------------------|--|
| TREES | | |
| Coniferous Tree | | |
|  | WHITE SPRUCE | <i>Picea glauca</i> |
|  | BLACK HILLS SPRUCE | <i>Picea glauca densa</i> |
|  | AUSTRIAN PINE | <i>Pinus nigra</i> |
|  | PONDEROSA PINE | <i>Pinus ponderosa</i> |
| Deciduous Tree | | |
|  | AUTUMN BLAZE MAPLE | <i>Acer x freemanii 'Autumn Blaze'</i> |
|  | COMMON HACKBERRY | <i>Celtis occidentalis</i> |
|  | NORTHERN ACCLAIM HONEYLOCUST | <i>Gleditsia triacanthos var inermis 'Acclaim'</i> |
|  | KENTUCKY TRUE NORTH COFFEETREE | <i>Gymnocladus dioica 'UMNSynergy'</i> |
|  | SWAMP WHITE OAK | <i>Quercus bicolor</i> |
|  | BOULEVARD LINDEN | <i>Tilia americana 'Boulevard'</i> |
|  | PRAIRIE EXPEDITION ELM | <i>Ulmus americana 'Lewis & Clark'</i> |
| Ornamental Deciduous Tree | | |
|  | PRAIRIE ROSE CRABAPPLE | <i>Malus 'Prairie Rose'</i> |
|  | PINK FLAIR CHERRY | <i>Prunus sargentii 'JES-KW52'</i> |

BROOKINGS
MARKETPLACE
RETAIL

Brookings, SD



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of South Dakota.

Name: Justin C. Bagginstoss

LICENSE NO. DATE
LA 16829 07/12/2024
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701723

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07/12/2024

OVERALL SITE
LANDSCAPE
REFERENCE
PLAN

L100

GENERAL NOTES

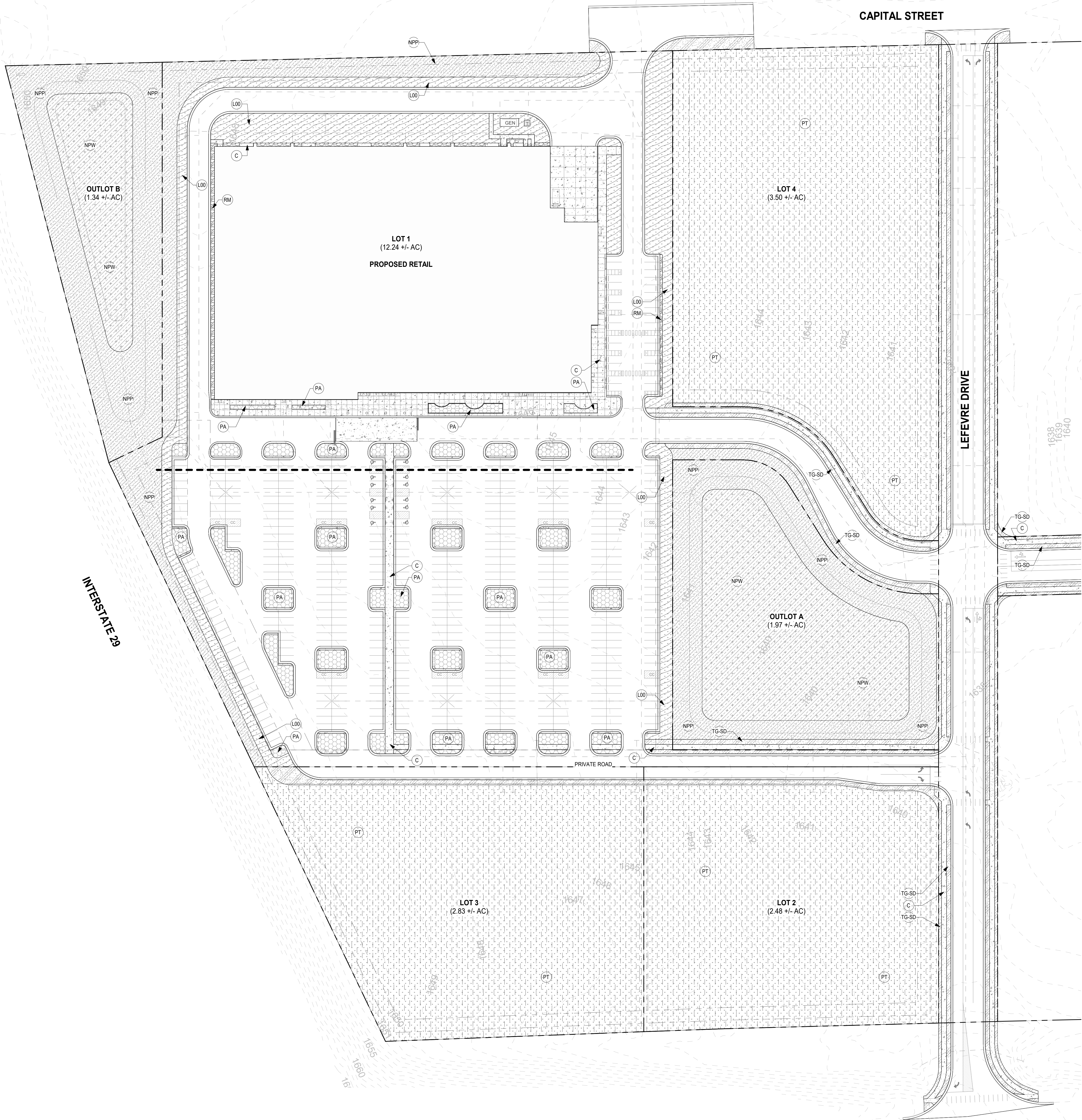
- REFER TO CIVIL PLANS FOR ALL GRADING AND UTILITY INFORMATION. REPRESENTATION OF CIVIL INFORMATION IS FOR GRAPHIC AND COORDINATION PURPOSES ONLY.
- SEE SHEET L200 FOR OVERALL SITE LANDSCAPE LAYOUT & SURFACING PLAN.
- SEE SHEET L400 FOR OVERALL TREE PLANTING PLAN AND CITY REQUIRED LANDSCAPE CALCULATIONS.
- SEE SHEET L401 FOR OVERALL SHRUB/PERENNIAL PRELIMINARY PLANTING PLAN WITH ANTICIPATED SPECIES.

KEYNOTE LEGEND

- L1 BITUMINOUS DRIVES; (SEE CIVIL);
L2 CONCRETE; (SEE CIVIL);
L3 MONUMENT SIGNS;
L4 CURB/OUTLET; (SEE CIVIL);
L5 MAIN BUILDING ENTRY/EXIT;
L6 LOADING DOCK AREA; (SEE ARCH/CIVIL);
L7 ELEC EQUIP; (SEE ELEC);
L8 SURFACE TREATMENT; CONCRETE, TYP.; STANDARD JOINTING;
L9 SURFACE TREATMENT; PLANTING AREAS W/MIX OF NATIVE/ADAPED SHRUBS, PERENNIALS, ORNAMENTAL GRASSES; (70% PERENNIALS & 30% SHRUBS); PROVIDE SHREDDED HARDWOOD MULCH-3" DEPTH @ ALL PLANTING AREAS, TYP.
L10 SURFACE TREATMENT; NATIVE POLLINATOR WILDFLOWER SHORTGROW SEED MIX; ALBERT LEA SEED KNIFE H WILDFLOWER MIX;
L11 SURFACE TREATMENT; PERENNIAL TEMP SEED MIX; SD DOT TYPE C MIX;
L12 SURFACE TREATMENT; ROCK MULCH; 1.5" - 3"; W/FABRIC UNDERLAYMENT, TYP.
L13 SURFACE TREATMENT; LOW-MAINTENANCE LAWN SEED MIX; SD DOT TYPE D;
L14 SURFACE TREATMENT; NATIVE POLLINATOR UPLAND/MESIC PRAIRIE MIX; PHEASANTS' FOREVER MIDWEST POLLINATOR PLUS;
L15 SURFACE TREATMENT; NATIVE POLLINATOR STORMWATER MIX; PRAIRIE MOON NURSERY DETENTION BASIN MIX;
L16 LANDSCAPE EDGING; 4" STEEL EDGING; COMMERCIAL GRADE. COLOR 'BLACK';
L17 PROPOSED TREES; PROVIDE MULCH RINGS AT ALL TREES NOT LOCATED IN PLANTING AREAS;

SURFACE TREATMENT SCHEDULE

| SURFACE TYPE | GRAPHIC ID | KEYNOTE ID (SEE KEYNOTE LEGEND/LAYOUT & SURFACING PLAN) |
|--|------------|---|
| Concrete Pavement | | C |
| Native Perennial Temp Seed Mix-SD DOT Type C Mix | | PT |
| Native Pollinator Mesic/Wet Seed Mix | | NPW |
| Native Pollinator Upland Mesic/Dry Seed Mix | | NPP |
| Native Pollinator Wildflower Shortgrow Seed Mix | | L00 |
| Planting Areas | | PA |
| Rock Mulch #1 | | RM |
| Turfgrass-Seeded-SD DOT Type D Mix | | TG-SD |



- GENERAL NOTES**
- PLANTING AREAS IDENTIFIED ON PLANS SHALL RECEIVE A DIVERSE SELECTION OF NATIVE/ADAPTED SHRUBS, PERENNIALS & ORNAMENTAL GRASSES AND SHALL BE DESIGNED AS TO COMPLETE A QUALITY LANDSCAPE TREATMENT OF THE SITE.
 - ALL SEED MIXES SHALL MEET THE MINIMUM SPECIFICATIONS PERTAINING TO SOUTH DAKOTA SEED LAWS.

| SURFACE TREATMENT SCHEDULE | | | |
|--|------------|------------|-----------|
| SURFACE TYPE | GRAPHIC ID | KEYNOTE ID | AREA |
| Concrete Pavement | | C | 54648 SF |
| Native Perennial Temp Seed Mix-SD DOT Type C Mix | | PT | 364246 SF |
| Native Pollinator Mesci/Wet Seed Mix | | NPW | 67856 SF |
| Native Pollinator Upland Mesci/Dry Seed Mix | | NPP | 104326 SF |
| Native Pollinator Wildflower Shortgrov Seed Mix | | L00 | 47492 SF |
| Planting Areas | | PA | 20314 SF |
| Rock Mulch #1 | | RM | 3054 SF |
| Turfgrass-Seeded-SD DOT Type D Mix | | TG-SD | 45273 SF |
| | | | 707209 SF |



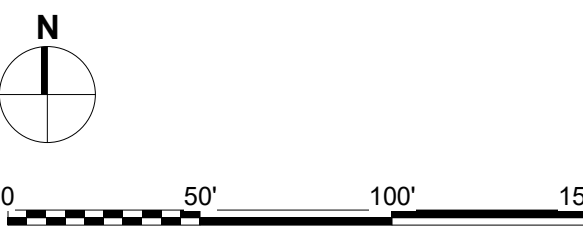
RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

WWW.RYANCOMPANIES.COM

OWNER

CONSULTANTS

KEY PLAN



PROJECT INFORMATION
**BROOKINGS
MARKETPLACE
RETAIL**

Brookings, SD



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of South Dakota.

Name: Justin C. Baggenstoss

LICENSE NO. DATE
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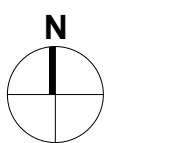
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SITE LANDSCAPE
LAYOUT &
SURFACING
PLAN

L200

1 OVERALL SITE LANDSCAPE LAYOUT & SURFACING PLAN
L200 1" = 50'-0"

HIGHWAY 14 (6TH STREET)

BROOKINGS
MARKETPLACE
RETAIL

Brookings, SD



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of South Dakota.

Name: Justin C. Bagenstoss

LICENSE NO. DATE
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OVERALL SITE
LANDSCAPE
TREE PLANTING
PLAN

L400

GENERAL NOTES

- SEE SHEET L401 FOR ADDITIONAL AND SUPPLEMENTAL PLANTING IDENTIFICATION FOR SHRUBS & PERENNIALS.
- ONLY TREES ARE IDENTIFIED ON THIS PLAN FOR GRAPHIC CLARITY.
- TREE QUANTITIES ARE SHOWN TO MEET OR EXCEED THE MINIMUM CITY LANDSCAPE REQUIREMENTS.
- PLANTING AREAS IDENTIFIED ON PLANS SHALL RECEIVE A DIVERSE SELECTION OF NATIVE/ADAPTED SHRUBS & PERENNIALS.
- SHRUBS, PERENNIAL & ORNAMENTAL GRASS PLANTINGS INDICATED ON PLANS ARE FOR GRAPHIC PURPOSES ONLY AS THE GENERAL BASIS OF DESIGN. FINAL PLANTING LAYOUTS INCLUDING QUANTITIES WILL BE FURTHER COORDINATED AND COMPLETED FOR FUTURE SUBMISSIONS.

PLANTING NOTES

- REFER TO CIVIL GRADING PLAN FOR PROPOSED GRADING AND EROSION CONTROL INFORMATION.
- REFER TO L500 - L501 FOR LANDSCAPE NOTES AND DETAILS.
- THE LANDSCAPE PLANT SCHEDULE IS FOR THE CONVENIENCE TO THE LANDSCAPE SUBCONTRACTOR. THE LANDSCAPE SUBCONTRACTOR IS RESPONSIBLE FOR VERIFYING THE PLANT COUNTS ON PLAN.
- THIS PLAN ILLUSTRATES THE MINIMUM TREE PLANTINGS TO BE PROVIDED FOR CITY APPROVAL. THE OWNER RETAINS THE RIGHT TO INCREASE PLANT SIZES / QUANTITIES.
- ALL TREES AND SHRUBS SHALL RECEIVE 4" OF SHREDDED HARDWOOD MULCH.
- ALL OPEN SPACE AREAS SHALL RECEIVE PLANT MATERIALS AND IRRIGATION EXCLUDED FROM IRRIGATION AREAS IS THE BUILDING FOOTPRINT, HARDSCAPE AREAS, ROCK MULCH MAINTENANCE STRIPS AND AREAS BELOW THE NORMAL WATER LEVEL IN STORMWATER BMPs. AREAS RECEIVING NATIVE SEED SHALL BE ON A DEDICATED IRRIGATION ZONE.

LANDSCAPE CALCULATIONS

SITE ZONING: PDD Planned Development District (Underlying B-2)
TOTAL SITE AREA: 12.24 +/- AC (533,262 SF)
TOTAL BLDG FOOTPRINT: 128,710 SF
LOT SURFACED AREA: 404,552 SF (Total site area - total bldg footprint)

LANDSCAPE PLANTING REQUIREMENTS: (Based on Sec. 94-399)

SITE TREES:

- (c) Landscaping Standards
- (2) Minimum number of trees required:
- One tree for first 4,000 SF of surfaced area.
Required: 1 (1st 4,000 SF of surfaced area)
Provided: 1
 - One tree for each additional 3,000 SF of surfaced area.
Required: 134 (Lot surfaced area - 4,000 = 400,552 ÷ 3,000)
Provided: 134

TOTAL SITE TREES:
Required: 135
Provided: 135

- (3) Minimum tree size: Each tree shall be balled and burlapped, container grown or planted by tree spade and shall meet the following minimum requirements at time of planting:
- Deciduous trees: 1.5" caliper at planting
 - Ornamental trees: 1.5" caliper at planting
 - Conifer trees: 6" height at planting

INTERIOR PARKING LOT LANDSCAPING:

- (4) Purpose of interior lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. All parking lots with 20,000 SF or more of surfacing shall be landscaped in accordance with the following parking lot standards:
- Twenty percent of trees required in (c)(2) shall be planted in parking lot islands.
Required: 27 (Total site trees x .20) (135 x .20)
Proposed: 27 (52 Total island trees/25 towards total trees)
 - A minimum of one (1) deciduous tree must be provided per parking lot island.
 - Parking lot island soils shall be over-excavated and backfilled with 1,000 cubic feet of soils suitable to support tree growth.

MINIMUM LANDSCAPE AREA:

- (5) An area for landscaping, equivalent to the setback requirements, kept free of parking, storage, merchandise, or accessory structures, must be provided around the perimeter of a site with the following exceptions:
- Business/Industrial uses shall provide a minimum ten-foot wide landscape area along any right-of-way and five feet along a side lot line.
 - Walkways, trails, driveways, bus shelters and entrance drives leading to a parking or loading area may be located within the landscape area. Walkways abutting driveways shall be clearly delineated and reserved strictly for pedestrian use.
 - Detention/retention ponds may be located within the minimum landscape area.

FOUNDATION PLANTINGS:

- (6) A minimum planting strip of three feet shall be installed along all building foundations. Foundation plantings shall consist of primarily shrubs, perennials, and native grasses.
- Exceptions:
- Building foundations directly abutting a public sidewalk, public plaza, or other public landscape feature shall be exempt from the foundation plantings.
 - Business and industrial uses shall install plantings along foundations facing a public right of way. However, in business and industrial districts, corner lots may incorporate the total required square footage of foundation plantings into a landscape area adjacent to the building foundation along the street right of way with the highest classification or at the primary entrance to the building.
 - Single-family, two family, and agricultural uses are exempt from foundation plantings.

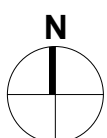
PLANT SCHEDULE

| SYM | QTY | ID | COMMON NAME | SCIENTIFIC NAME | PLANTING SIZE | MATURE HEIGHT/WIDTH | COMMENTS |
|---------------------------|-----|----|--------------------------------|---|---------------|---------------------|----------------|
| TREES | | | | | | | |
| Coniferous Tree | | | | | | | |
| | 9 | PG | WHITE SPRUCE | Picea glauca | 6" B&B | 45'/20' | PLANT PER PLAN |
| | 8 | PG | BLACK HILLS SPRUCE | Picea glauca densata | 6" B&B | 35'/22' | PLANT PER PLAN |
| | 8 | PN | AUSTRIAN PINE | Pinus nigra | 6" B&B | 50'/30' | PLANT PER PLAN |
| | 9 | PP | PONDEROSA PINE | Pinus ponderosa | 6" B&B | 50'/20' | PLANT PER PLAN |
| Deciduous Tree | | | | | | | |
| | 13 | AF | AUTUMN BLAZE MAPLE | Acer x freemanii 'Autumn Blaze' | 4" B&B | 55'/35' | PLANT PER PLAN |
| | 8 | CO | COMMON HACKBERRY | Celtis occidentalis | 3" B&B | 55'/40' | PLANT PER PLAN |
| | 12 | GT | NORTHERN ACCLAIM HONEYLOCUST | Gleditsia triacanthos var inermis 'Harve' | 3" B&B | 45'/35' | PLANT PER PLAN |
| | 14 | GD | KENTUCKY TRUE NORTH COFFEETREE | Gymnocladus dioica 'UMNSynergy' | 3" B&B | 50'/30' | PLANT PER PLAN |
| | 10 | QB | SWAMP WHITE OAK | Quercus bicolor | 3" B&B | 60'/40' | PLANT PER PLAN |
| | 8 | AP | BOULEVARD LINDEN | Tilia americana 'Boulevard' | 3" B&B | 45'/25' | PLANT PER PLAN |
| | 8 | AR | PRAIRIE EXPEDITION ELM | Ulmus americana 'Lewis & Clark' | 3" B&B | 50'/50' | PLANT PER PLAN |
| Ornamental Deciduous Tree | | | | | | | |
| | 12 | MP | PRAIRIE ROSE CRABAPPLE | Malus 'Prairie Rose' | 3" B&B | 20'/20' | PLANT PER PLAN |
| | 16 | PS | PINK FLAIR CHERRY | Prunus sargentii 'PS-KW25' | 3" B&B | 25'/15' | PLANT PER PLAN |
| TOTAL TREES | | | | | | | |
| | | | | | | | 135 |

CAPITAL STREET

LEFEVRE DRIVE

OUTLOT B
(1.34 +/- AC)LOT 1
(12.24 +/- AC)
PROPOSED RETAILLOT 4
(3.50 +/- AC)OUTLOT A
(1.97 +/- AC)LOT 3
(2.83 +/- AC)LOT 2
(2.48 +/- AC)1 OVERALL SITE LANDSCAPE TREE PLANTING PLAN
L400 1" = 40'-0"



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the state of South Dakota.

Name: Justin C. Baggenstoss

LICENSE NO.

DATE

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07/12/2024

**PRELIMINARY
LANDSCAPE
SHRUB/PERENNIAL
PLANTING PLAN**

L401

GENERAL NOTES

- SEE SHEET L400 FOR OVERALL TREE PLANTING PLAN AND IDENTIFICATION.
- ONLY SHRUBS/PERENNIALS & ORNAMENTAL GRASSES ARE INDICATED ON THIS PLAN FOR GRAPHIC CLARITY.
- PLANTING AREAS IDENTIFIED ON PLANS SHALL RECEIVE A DIVERSE SELECTION OF NATIVE/ADAPTED SHRUBS & PERENNIALS AND SHALL BE LAID OUT AS TO COMPLETE A QUALITY LANDSCAPE TREATMENT OF THE SITE.
- TOTAL PLANTING DIVERSITY SHALL ACHIEVE NOT LESS THAN 75% NATIVE OR SUSTAINABLE LANDSCAPING ON ALL AVAILABLE PLANTING SPACE.
- SHRUBS & PERENNIAL PLANTINGS INDICATED ON PLANS ARE FOR GRAPHIC PURPOSES ONLY AS THE GENERAL BASIS OF DESIGN. FINAL PLANTING LAYOUTS INCLUDING QUANTITIES WILL BE FURTHER COORDINATED AND COMPLETED FOR FUTURE SUBMISSIONS.
- ALL PROPOSED SHRUBS & PERENNIAL PLANTINGS SHALL MEET OR EXCEED CITY ESTABLISHED LANDSCAPE STANDARDS AND REQUIREMENTS.
- SHRUB/PERENNIAL & ORNAMENTAL GRASS PLANTING SPECIES INDICATED IN SCHEDULE BELOW ARE ANTICIPATED AND HAVE BEEN CHOSEN FOR THEIR NATIVE HARDINESS, SALT/DROUGHT TOLERANT CAPABILITIES, POLLINATOR FRIENDLY ATTRIBUTES, DIVERSITY, HEIGHTS, COLORS, TEXTURES, AND MULTI-SEASONAL INTEREST.

PLANT SCHEDULE

| SYM | ID | COMMON NAME | SCIENTIFIC NAME | PLANTING SIZE | MATURE HEIGHT | WIDTH | COMMENTS |
|-----------------|--------------------|----------------------|-----------------|---------------|---------------|-------|----------------|
| TREES | | | | | | | |
| Coniferous Tree | | | | | | | |
| PG | WHITE SPRUCE | Picea glauca | 6' B&B | 45'/20' | | | PLANT PER PLAN |
| PG | BLACK HILLS SPRUCE | Picea glauca densata | 6' B&B | 35'/22' | | | PLANT PER PLAN |
| PN | AUSTRIAN PINE | Pinus nigra | 6' B&B | 50'/30' | | | PLANT PER PLAN |
| PP | PONDEROSA PINE | Pinus ponderosa | 6' B&B | 50'/20' | | | PLANT PER PLAN |

| | | | | | | | |
|----------------|--------------------------------|--|--------|---------|--|--|----------------|
| Deciduous Tree | | | | | | | |
| AF | AUTUMN BLAZE MAPLE | Acer x freemanii 'Autumn Blaze' | 4" B&B | 55'/35' | | | PLANT PER PLAN |
| CO | COMMON HACKBERRY | Celtis occidentalis | 3" B&B | 55'/40' | | | PLANT PER PLAN |
| GT | NORTHERN ACCLAM HONEYLOCUST | Gleditsia triacanthos var. inermis 'Harve' | 3" B&B | 45'/35' | | | PLANT PER PLAN |
| GD | KENTUCKY TRUE NORTH COFFEETREE | Gymnocladus dioica 'UMNSynergy' | 3" B&B | 50'/30' | | | PLANT PER PLAN |
| QB | SWAMP WHITE OAK | Quercus bicolor | 3" B&B | 60'/40' | | | PLANT PER PLAN |
| AP | BOULEVARD LINDEN | Tilia americana 'Boulevard' | 3" B&B | 45'/25' | | | PLANT PER PLAN |
| AR | PRAIRIE EXPEDITION ELM | Ulmus americana 'Lewis & Clark' | 3" B&B | 50'/50' | | | PLANT PER PLAN |

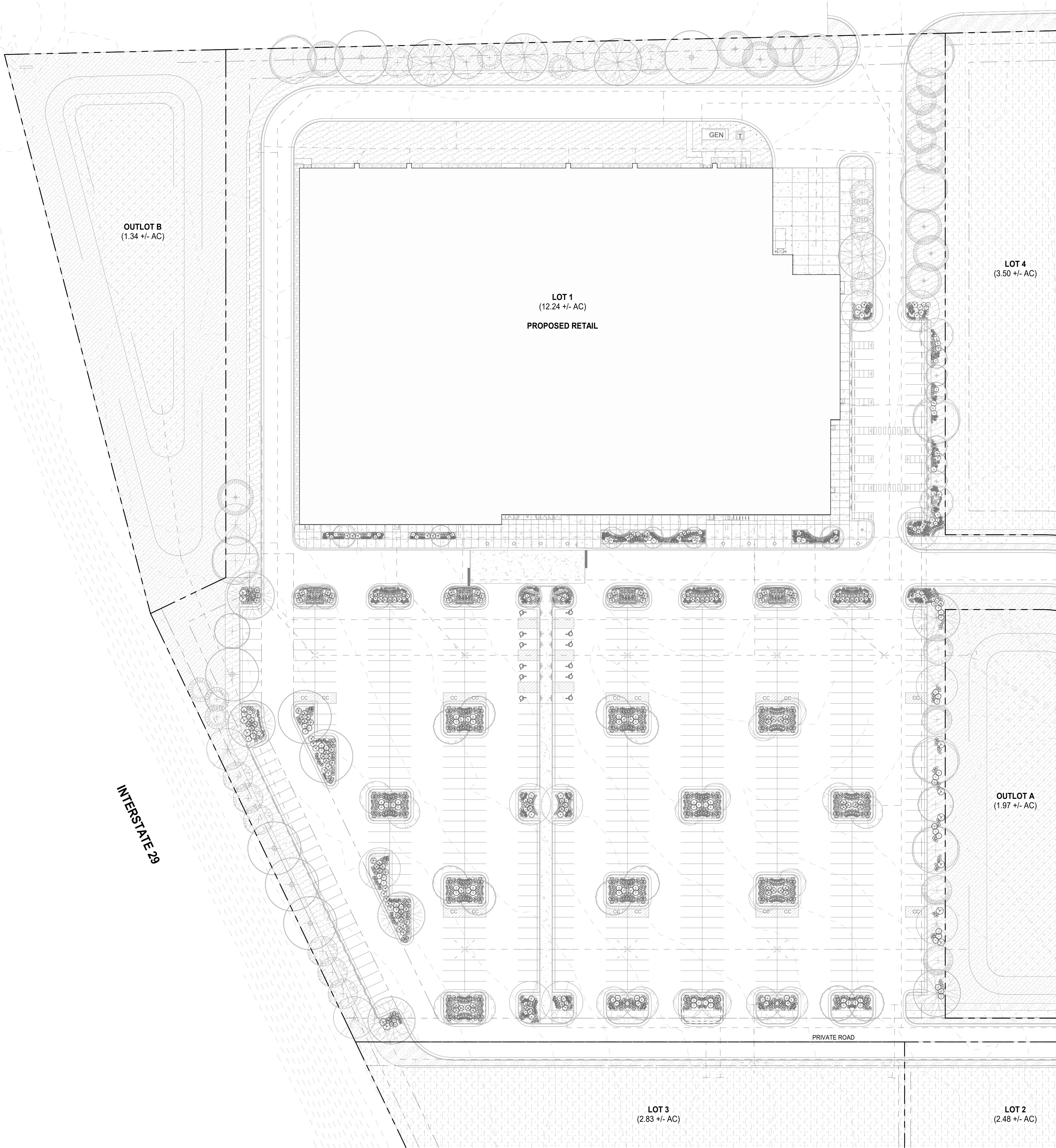
| | | | | | | | |
|---------------------------|------------------------|-----------------------------|--------|---------|--|--|----------------|
| Ornamental Deciduous Tree | | | | | | | |
| MP | PRAIRIE ROSE CRABAPPLE | Malus 'Prairie Rose' | 3" B&B | 20'/20' | | | PLANT PER PLAN |
| PS | PINK FLAIR CHERRY | Prunus sargentii 'JFS-KW58' | 3" B&B | 25'/15' | | | PLANT PER PLAN |

| | | | | | | | |
|------------------|-------------------|------------------------------------|----------|--------|--|--|--|
| SHRUBS | | | | | | | |
| Coniferous Shrub | | | | | | | |
| Jcs | SEA GREEN JUNIPER | Juniperus chinensis 'Sea Green' | #7 CONT. | 5'/5' | | | |
| Jhi | LIME GROW JUNIPER | Juniperus horizontalis 'Lime Glow' | #3 CONT. | 18'/5' | | | |
| Jvg | GREY OWL JUNIPER | Juniperus virginiana 'Grey Owl' | #5 CONT. | 24'/4' | | | |
| Md | RUSSIAN CYPRESS | Microbiota decussata | #5 CONT. | 14'/6' | | | |

| | | | | | | | |
|-----------------|---------------------------|--|----------|---------|--|--|--|
| Deciduous Shrub | | | | | | | |
| Aa | REGENT SERVICEBERRY | Amelanchier alnifolia 'Regent' | #7 CONT. | 5'/6' | | | |
| Am | LOWSCAPE MOUND CHOKEBERRY | Aronia melanocarpa 'UCONNAM165'(PP28.7.89) | #5 CONT. | 16'/24" | | | |
| Amu | GROUND HUG CHOKEBERRY | Aronia melanocarpa 'UCONNAM012'(PP31.2.21) | #5 CONT. | 16'/3' | | | |
| Cs | FREDANCE DOGWOOD | Cornus sericea 'Balladeine' | #5 CONT. | 3'/4' | | | |
| Di | DWARF BUSH HONEYSUCKLE | Diervilla lonicera | #5 CONT. | 42'/36" | | | |
| Fc | GOLD TIDE FORSYTHIA | Forsythia 'Courasol'(PP9.104) | #5 CONT. | 30'/5' | | | |
| Haa | ANABELLE SMOOTH HYDRANGEA | Hydrangea arborescens 'Annabelle' | #3 CONT. | 5'/5' | | | |
| Hk | KALM AMES HYPERICUM | Hypericum kalmianum 'Ames' | #2 CONT. | 30'/30" | | | |
| Po | AMBER JUBILEE NINEBARK | Physocarpus opulifolius 'Jelani'(PP23.177) | #5 CONT. | 60'/48" | | | |
| PF | MARMALADE POTENTILLA | Potentilla fruticosa 'Jelani'(PP31.663) | #5 CONT. | 30'/30" | | | |
| Ss | SEM FALSESPIREA | Sorbaria sorbifolia 'Sem'(PP16.336) | #5 CONT. | 3'/3' | | | |

| | | | | | | | |
|--------------------------|----------------------------------|--|----------|---------|--|--|--|
| PERENNIALS/VINES/GRASSES | | | | | | | |
| Ornamental Grass | | | | | | | |
| Cxa | KARL FOERSTER FEATHER REED GRASS | Calamagrostis x acutiflora 'Karl Foerster' | #5 CONT. | 48'/30" | | | |
| Pv | SHENANDOAH RED SWITCH GRASS | Panicum virgatum 'Shenandoah' | #3 CONT. | 36'/26" | | | |
| Sa | AUTUMN MOOR GRASS | Sesleria autumnalis | #1 CONT. | 24'/24" | | | |
| Sh | PRAIRIE DROPSEED | Sporobolus heterolepis | #3 CONT. | 24'/24" | | | |

| | | | | | | | |
|------------|-----------------------------|--------------------------------------|----------|---------|--|--|--|
| Perennials | | | | | | | |
| Aro | RED OCTOBER BIG BLUESTEM | Andropogon 'Red October'(PP26.263) | #2 CONT. | 60'/28" | | | |
| Al | BUTTERFLY FLOWER | Asclepias tuberosa | #1 CONT. | 36'/20" | | | |
| He | LESSER CALAMINT | Calamintha nepeta ssp. nepeta | #1 CONT. | 24'/24" | | | |
| Ce | ENCHANTED EVE COREOPSIS | Coreopsis 'Enchanted Eve'(PP27.85.7) | #1 CONT. | 12'/18" | | | |
| Cv | MOONBEAM COREOPSIS | Coreopsis verticillata 'Moonbeam' | #1 CONT. | 18'/18" | | | |
| Ep | POWOW WILD BERRY CONEFLOWER | Echinacea purpurea 'Pas702917' | #1 CONT. | 24'/24" | | | |
| Hsg | SUNDAY GLOVES DAYLILY | Hemerocallis 'Sunday Gloves' | #2 CONT. | 24'/18" | | | |
| Lc | CARDINAL FLOWER | Lobelia cardinalis | #1 CONT. | 36'/18" | | | |
| PF | LITTLE SPIRE RUSSIAN SAGE | Perovskia 'Flagrant' | #1 CONT. | 24'/18" | | | |
| Rti | BLACK-EYED SUSAN | Rutbeckia hirta | #1 CONT. | 30'/18" | | | |



NATIVE POLLINATING SEED MIX MATRIX

MINIMUM SPECIFICATIONS:
• SPECIFICATIONS WILL ADHERE TO SD SEED LAWS.

Native Pollinator Upland Mesic-Dry Mix:

Purpose: Upland Prairie/Wildflower Mix for Mesic/Dry soils for increased pollinator habitat.
Basis of Design: Pheasants Forever Habitat: Midwest Pollinator Plus
Conform to base mixture.

| Common Name | Scientific Name | Rate (lb/acre) | % of Mix (by weight) | Bloom Season | Seeds/sq ft. |
|---------------------------|------------------------------|-------------------|-------------------------|-------------------|--------------|
| Grasses/Sedges: | | | | | |
| Big Bluestem | Andropogon gerardi | 1.38 | 43.60 | | |
| Sideoats Grama | Bouteloua curtipendula | 2 | 8.66 | 88 | |
| Fox Sedge | Carex vulpinoidea | .4 | 14.93 | 1.52 | |
| Sand Lovegrass | Eragrostis trichodes | .05 | 14.08 | 1.43 | |
| Switchgrass | Panicum virgatum | .65 | 3.67 | .37 | |
| Little Bluestem | Schizachyrium scoparium | .4 | 21.43 | 2.18 | |
| Indiangrass | Sorghastrum nutans | 1 | 3.81 | .39 | |
| Sand Dropseed | Sporobolus cryptandrus | .01 | 12.04 | 1.23 | |
| Eastern Gamagrass | Tripsacum dactyloides | .1 | 29 | .03 | |
| Forbs/Wildflowers: | | | | | |
| Fragrant Giant Hyssop | Agastache foeniculum | .01 | 14.2 | Summer/Fall | 32 |
| Leadplant | Amorpha canescens | .62 | .41 | Spring-Early Fall | .69 |
| Thimbleweed | Anemone cylindrica | .01 | .41 | Summer | .09 |
| Common Milkweed | Asclepias syriaca | .003 | .20 | Spring/Summer | .05 |
| Butterfly Milkweed | Asclepias tuberosa | .000 | .21 | Spring/Summer | .05 |
| Canada Milkweed | Astragalus canadensis | .05 | 1.35 | Spring-Early Fall | .31 |
| False Aster | Botanria asteroides | .01 | 2.03 | Summer/Fall | .46 |
| Partridge Pea | Chamaecrista fasciculata | 1 | .57 | Summer/Fall | .13 |
| Lanceleaf Coreopsis | Coreopsis lanceolata | .05 | 1.36 | Spring-Summer | .31 |
| Plains Coreopsis | Coreopsis tricolora | .001 | .21 | Spring-Summer | .05 |
| White Prairie Clover | Dalea candida | .02 | .54 | Summer/Fall | .12 |
| Purple Prairie Clover | Dalea purpurea | .06 | 1.60 | Summer/Fall | .38 |
| Illinois Bundsflower | Desmanthus illinoensis | 1 | .96 | Summer | .22 |
| Show Tick-Trefoil | Desmodium canadense | .05 | .43 | Summer | .10 |
| Pale Purple Coneflower | Echinacea pallida | .05 | .44 | Summer | .10 |
| Purple Coneflower | Echinacea purpurea | .05 | .59 | Summer | .13 |
| Blanket Flower | Gaillardia aristata | .15 | 2.94 | Summer/Fall | .67 |
| Indian blanket | Gaillardia pulchella | 1 | 1.91 | Summer/Fall | .43 |
| Meadowlark Sunflower | Helianthus maximiliani | .05 | 1.02 | Summer/Fall | .23 |
| False Sunflower | Helopsis helianthoides | .05 | .57 | Summer/Fall | .13 |
| False Bonaset | Brickellia eupatorioides | .01 | .56 | Summer/Fall | .13 |
| Roundhead Lespedeza | Lespedeza capitata | .04 | .62 | Summer/Fall | .14 |
| Marsh Blackberry | Larix spicata | .03 | .52 | Summer | .12 |
| Blue Flax | Linum perenne | 1 | 28.69 | Spring/Summer | 6.49 |
| Seedbox | Ludwigia alternifolia | .001 | 1.69 | Spring/Summer | .38 |
| Wild Bergamot | Monarda fistulosa | .01 | 1.28 | Summer/Fall | .29 |
| Evening primrose | Oenothera biennis | .02 | 2.66 | Spring-Summer | .60 |
| Foxglove Beardtongue | Pensilvenon digitalis | .005 | .70 | Summer | .16 |
| Prairie Coneflower | Potentilla arguta | .01 | 3.66 | Summer/Fall | .83 |
| Northeast Mountain Mint | Pycnanthemum tenuifolium | .001 | .45 | Summer/Fall | .10 |
| Prairie Coneflower | Ratibida columnifera | .05 | 2.86 | Summer/Fall | .65 |
| Rayflower Coneflower | Ratibida pinnata | .01 | .54 | Summer/Fall | .12 |
| Black-eyed Susan | Rudbeckia hirta | .07 | 10.15 | Spring/Fall | 2.3 |
| Brown-eyed Susan | Rudbeckia hirta | .02 | 1.96 | Spring/Fall | .24 |
| Gray Goldenrod | Solidago nemoralis | .003 | .66 | Fall | .15 |
| Show Goldenrod | Solidago speciosa | .004 | .58 | Fall | .13 |
| Smooth Blue Aster | Symphyotrichum leave | .01 | .85 | Summer/Fall | .19 |
| New England Aster | Symphyotrichum novae-angliae | .01 | 1.12 | Summer | .25 |
| Frost Aster | Symphyotrichum pilosum | .01 | 2.10 | Fall | .47 |
| Ohio Spiderwort | Tradescantia ohiensis | .002 | .04 | Spring-Summer | .01 |
| Crimson Clover | Trifolium incarnatum | .8 | 17.46 | Summer | 3.95 |
| Blue Verbena | Verberna hastata | .01 | 1.43 | Summer/Fall | .32 |
| Heavy Verbena | Verberna stricta | .02 | 1.06 | Summer/Fall | .24 |
| Totals: | | 3.317 | 100% | | 32.818 |
| Cover Crops: | | | | | |
| Oats (Spring/Summer) | Avena sativa | 25.00 | 88.00% | | 11.14 |
| *Winter Wheat (Fall Only) | Triticum aestivum | 25.00 | 88.0% | | 11.14 |

Broadcast Rate: 28.317 lb/Acre (3.317 + 25)(43.96 Seeds/square foot) including specified cover crop.

Native Pollinator Wildflower Mix:

Purpose: Short height wildflower mix for enhanced pollinator habitat.
Basis of Design: Albert Lea Seed Kneib-H Wildflower Mix
Conform to base mixture unless suggested otherwise by supplier due to site conditions.

| Common Name | Scientific Name | Rate (lb/acre) | % of Mix (by weight) | Bloom Season | Seeds/sq ft. |
|---------------------------|---------------------------|-------------------|-------------------------|-----------------|--------------|
| Grasses/Sedges: | | | | | |
| | | | | | |
| Forbs/Wildflowers: | | | | | |
| Dwarf Coneflower | Centaurea cyanus | | 4.91 | Summer-Fall | |
| Siberian Wallflower | Cheiranthus alfonii | | 7.36 | Spring-Summer | |
| Dwarf Godetia | Clarkia amoena | | 1.23 | Spring-Summer | |
| Lance-leaved Coreopsis | Coreopsis lanceolata | | 7.36 | Spring-Summer | |
| Dwarf Plains Coreopsis | Coreopsis tricolora | | .81 | Spring-Summer | |
| Chinese Forget-me-Not | Cynoglossum amabile | | 9.81 | Spring-Summer | |
| Rocket Larkspur | Delphinium consolida | | 7.36 | Summer | |
| Sweet William Pinks | Dianthus barbatus | | 3.68 | Summer-Fall | |
| African Daisy | Oimnophyes stratae | | 3.06 | Spring-Fall | |
| California Poppy | Eschscholzia californica | | 7.36 | Spring-Summer | |
| Blanketflower | Gaillardia rista | | 4.91 | Summer | |
| Annual Baby's Breath | Gypsophila elegans | | 7.36 | Spring-Summer | |
| Annual Candytuft | Isatis umbellata | | 9.81 | Summer | |
| Scarlet Flax | Linum grandiflorum rubrum | | 7.36 | Spring-Fall | |
| Blue Flax | Linum perenne | | 7.36 | Spring-Summer | |
| Sweet Alyssum | Lobelia maritima | | .81 | Summer | |
| Corn Poppy | Papaver rhoeas | | 4.91 | Spring-Summer | |
| Dwarf Red Coneflower | Ratibida columifera | | 1.84 | Summer | |
| Black Eyed Susan | Rudbeckia hirta | | .24 | Summer-Fall | |
| Catclay | Silene aemula | | 1.23 | Summer | |
| Moss Verbena | Verberna tenuisecta | | 1.23 | Spring-Fall | |
| Totals: | | 10 | 100% | | |
| Cover Crops: | | | | | |
| Oats (Spring/Summer) | Avena sativa | 25.00 | 71.4% | | 11.14 |
| *Winter Wheat (Fall Only) | Triticum aestivum | 25.00 | 71.4% | | 11.14 |

Broadcast Rate: ½ lb per 1,000 square feet or 10lbs/Acre (35 lbs/Acre including specified cover crop)

Native Pollinator Rim/Stormwater Mix:

Purpose: Stormwater pond edges, temporarily flooded dry ponds and temporarily flooded ditch bottoms. Species designed to tolerate fluctuating water levels and periods of wet and dry years.
Basis of Design: Prairie Moon Nursery-Detention Basin Mix
Conform to base mixture.

| Common Name | Scientific Name | Rate (lb/acre) | % of Mix (by weight) | Bloom Season | Seeds/sq ft. |
|---------------------------|--------------------------|-------------------|-------------------------|-----------------|--------------|
| Grasses/Sedges: | | | | | |
| Big Bluestem | Andropogon gerardi | 6.98 | | | |
| Fringed Florence | Bromus ciliatus | 5.14 | | | |
| Blue Joint Grass | Calamagrostis canadensis | .34 | | | |
| Bristly Cattail Sedge | Carex frankii | 1.31 | | | |
| Pinkish Sedge | Carex hyalotricha | 1.31 | | | |
| Ash-fruited Sedge | Carex elatior | 1.31 | | | |
| Brown Fox Sedge | Carex vulpinoidea | 3.28 | | | |
| Canada Wild Rye | Elymus canadensis | 10.49 | | | |
| Virginia Wild Rye | Elymus virginicus | 10.49 | | | |
| Reed Marina Grass | Glyceria grandis | 1.31 | | | |
| Dudley's Rush | Juncus dudleyi | .33 | | | |
| Common Rush | Juncus effusus | .29 | | | |
| Swain's Grass | Panicum virgatum | 1.31 | | | |
| Dark-green Bulrush | Scirpus atrovirens | .71 | | | |
| Wood Grass | Scirpus opareus | .37 | | | |
| Great Bulrush | Scirpus validus | .71 | | | |
| Indian Grass | Sorghastrum nutans | 6.58 | | | |
| Cord Grass | Spartina pectinata | 1.31 | | | |
| Forbs/Wildflowers: | | | | | |
| Mud Plantain | Alisma subcordatum | 1.31 | | Spring-Fall | |
| Prairie Onion | Allium stellatum | .98 | | Summer | |
| Scarlet Toothcup | Ammanea coccinea | .98 | | Summer | |
| Canada Anemone | Anemone canadensis | .66 | | Spring-Summer | |
| Great Angelica | Angelica atropurpurea | 3.93 | | Spring | |
| Rose Milkweed | Asclepias incarnata | 2.62 | | Summer | |
| Canada Milk Vetch | Astragalus canadensis | .66 | | Summer | |
| Swamp Milkweed | Bolens aristata | .66 | | Summer-Fall | |
| False Aster | Boltonia asteroides | .66 | | Summer-Fall | |
| Bonaset | Eupatorium perfoliatum | .49 | | Summer-Fall | |
| Joe Pye Weed | Eupatorium maculatum | .66 | | Summer | |
| Bottle Gentian | Gentiana andrewsii | .36 | | Summer-Fall | |
| Cream Gentian | Gentiana flavida | .36 | | Summer-Fall | |
| Shrubzweed | Helenium autumnale | .71 | | Summer-Fall | |
| Early Sunflower | Helopsis helanthoides | 1.31 | | Summer-Fall | |
| Rose Mallow | Hibiscus syriacus | 3.93 | | Summer | |
| Great St. Johns Wort | Hypericum pyramidatum | .66 | | Summer | |
| Northern Blue Flag | Iris versicolor | 2.62 | | Spring-Summer | |
| Prairie blazing Star | Liatris pycnostachya | 3.28 | | Summer-Fall | |
| Cardinal Flower | Lobelia cardinalis | .33 | | Summer-Fall | |
| Great Blue Lobelia | Lobelia siphilitica | .66 | | Spring-Fall | |
| Water Honeysuckle | Lycopus americanus | .131 | | Summer | |
| Wild Mint | Monarda spicata | .26 | | Summer | |
| Monkey Flower | Mimulus ringens | .33 | | Summer-Fall | |
| Stiff Goldenrod | Oligoneuron rigidum | .66 | | Summer-Fall | |
| Smartweed | Pentstemon punctata | .98 | | Summer-Fall | |
| Chickweed Plant | Physostegia virginiana | .71 | | Summer-Fall | |
| Mountain Mint | Pycnanthemum virginicum | 1.31 | | Summer | |
| Black-eyed Susan | Rudbeckia hirta | 1.97 | | Summer-Fall | |
| Sweet Black-eyed Susan | Rudbeckia subtomentosa | .36 | | Summer-Fall | |
| Brown-eyed Susan | Rudbeckia hirta | 1.31 | | Summer-Fall | |
| Compass Plant | Stiphium laciniatum | .66 | | Summer | |
| Cup Plant | Stiphium perfoliatum | .66 | | Summer | |
| Prairie Dock | Stiphium laevifolium | .66 | | Summer-Fall | |
| Smooth Blue Aster | Symphyotrichum leave | 1.31 | | Fall | |
| Purple Meadow Rue | Thalictrum dasycarpum | 1.97 | | Summer | |
| Blue Verbena | Verberna hastata | 1.31 | | Summer-Fall | |
| Common Ironweed | Veronica fasciculata | 1.31 | | Summer | |
| Culvers Root | Veronicastrum virginicum | .66 | | Summer | |
| Golden Alexanders | Zizia aurea | 1.31 | | Spring-Summer | |
| Totals: | | 7.63 | 100% | | 298.00 |
| Cover Crops: | | | | | |
| Oats (Spring/Summer) | Avena sativa | 25.00 | 76.00% | | 11.14 |
| *Winter Wheat (Fall Only) | Triticum aestivum | 25.00 | 76.0% | | 11.14 |

Broadcast Rate: 32.63 lb/Acre (309.14 Seeds/square foot) including specified cover crop.

NATIVE GRASSES & FORBS NOTES

INSPECTION, ESTABLISHMENT & ACCEPTANCE:

- During the required establishment period for native seeded areas, the Landscape Subcontractor shall submit a written formal request to the Landscape Architect for inspections of the native areas at the completion of the first and second full growing seasons.
 - At the end of the first full growing season, the native seed areas shall have a minimum of 70 percent native plant cover of acceptable species including seedlings of not less than 2 planted grass, sedge and rush species, and seedlings of not less than 4 planted forb species
 - At the end of the second full growing season, the native seed areas shall have a minimum of 80 percent native plant cover of acceptable plant species including a minimum of 10 percent covered by planted native grass, sedge, or rush species and a minimum of 20 percent covered by planted forb species, and a minimum of 50 percent of all planted native species shall be present.
- Following the completion of the minimum required establishment period, the Landscape Subcontractor shall submit a written formal request for a final inspection of the native seeded areas. At final acceptance all native seeded areas shall have a minimum native plant cover as called for at the end of the second full growing season.
- The Landscape Architect's inspection shall determine whether maintenance operations shall continue in any part.
- Upon satisfactory completion of all necessary corrective/remedial work and clean-up, the Landscape Architect will certify in writing the acceptance of the native planting and seeding. The Landscape subcontractor's responsibility for maintenance of native planting and seeding, or parts of the same shall cease on receipt of the Certificate of Acceptance.

MAINTENANCE

- The establishment period for native seed and forb areas shall begin immediately after installation and continue for a minimum of 2 years or until the date that the Owner accepts the project for beneficial use and occupancy.
- During the seed and forb establishment period the Landscape Subcontractor shall:
 - Water all seed to maintain an adequate supply of moisture within the root zone. An adequate supply of moisture is the equivalent of 25 mm (1 inch) of absorbed water per week either through natural rainfall or augmented by periodic watering. Apply water at a moderate rate so as not to displace the mulch, underlying soil, flood the seed or cause erosion. The Landscape Subcontractor shall provide sufficient equipment to ensure complete coverage of the seeded area within an 8 hour period.
 - Spray/spot spray with approved herbicides, insecticides and fungicides to control weeds and pests and to ensure plant survival in a healthy growing condition, as needed or directed by the Landscape Architect.
 - Provide the following native area establishment:
 - Monitor the condition of seeded areas and take immediate corrective actions for observed problems and notify the Landscape Architect.
 - Eradicate all weeds, water, overseed, and perform any other operation necessary to promote the growth of grass and forbs.
 - Any seeded areas or parts of areas that in the opinion of the Landscape Architect fail to produce a uniform and acceptable stand of native grasses and forbs, for any reason whatsoever, shall be reseeded and reseeded repeatedly until all areas are covered with a satisfactory growth of native grasses and forbs.
 - Any such reseeding together with all associated grading, fertilizing, chemical applications, watering and mowing shall be at the expense of the Landscape Subcontractor. Reseeding and associated work shall be as specified herein and by a method approved by the Landscape Architect.

GENERAL NOTES

- LANDSCAPE SUBCONTRACTOR TO VERIFY ALL UTILITY LOCATIONS ON PROPERTY WITH THE GENERAL CONTRACTOR AND BY CALLING SOUTH DAKOTA 811 (1-800-781-7476) PRIOR TO STAKING PLANT LOCATIONS.
- COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATIONS WITH OTHER CONTRACTORS WORKING ON SITE.
- LANDSCAPE SUBCONTRACTOR SHALL PROTECT EXISTING ROAD SURFACES, CURBS / GUTTERS, TRAILS, TREES, GRASSES SURFACES AND OTHER INSTALLED SITE AMENITIES DURING CONSTRUCTION OPERATIONS. ALL DAMAGE SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- WHERE EXISTING TREES AND/OR SIGNIFICANT SHRUB MASSINGS ARE FOUND ON SITE, WHETHER SHOWN ON THE DRAWING OR NOT, THEY SHALL BE PROTECTED AND SAVED UNLESS NOTED TO BE REMOVED AND/OR ARE IN AN AREA TO BE GRADED. ANY QUESTION REGARDING WHETHER PLANT MATERIAL SHOULD REMAIN OR NOT SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
- ALL EXISTING TREES WITHIN LIMITS OF CONSTRUCTION AND NOTED TO REMAIN SHALL BE FERTILIZED AND PRUNED TO REMOVE DEAD WOOD AND DAMAGED OR RUBBING BRANCHES.
- B&B TREES AND SHRUBS ARE BALLED AND BURLAPED.
- NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE SUBCONTRACTOR PRIOR TO THE SUBMISSION OF A BID AND/OR QUOTATION.
- ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN.
- SUBCONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR.
- LANDSCAPE SUBCONTRACTOR SHALL PROVIDE A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION.
- WARRANTY FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AFTER THE COMPLETION OF OR PLANTING OF ALL LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- LANDSCAPE SUBCONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH TWO (2) CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE WITH ALL REPLACEMENTS TO BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

PLANTING SPECIFICATIONS

- PLANTING BED PREPARATION: ALL MASS PLANTING BEDS SHALL BE TILLED TO A MINIMUM DEPTH OF 10". AMENDMENTS SHALL BE APPLIED AFTER CULTIVATION.
- BACKFILL SOIL: USE SOIL EXCAVATED FROM PLANTING HOLES AND PROVIDE AMENDMENTS. REMOVE ALL DEBRIS INCLUDING ROCKS LARGER THAN 3" DIAMETER.
- FERTILIZATION: ALL PLANT MATERIALS SHALL BE FERTILIZED, UPON INSTALLATION, WITH DRIED BONE MEAL OR OTHER SPECIFIED FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS UNLESS NOTED OTHERWISE.
 - MULCH MATERIAL: AS SPECIFIED ON THE LANDSCAPE PLANS. MASS MULCH ALL PLANTING BEDS TO 3" DEPTH SHREDDED HARDWOOD MULCH. NATURAL IN COLOR AND DYE FREE, WITH NO WEED BARRIER. FOR MAINTENANCE STRIPS 1/2" ROCK MULCH SHALL BE USED OVER GEOTEXTILE WEED BARRIER. ALL PERENNIAL PLANTING BEDS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH WITH NO WEED BARRIER. ALL EVERGREEN AND DECIDUOUS TREES TO RECEIVE 8" DEEP SHREDDED HARDWOOD MULCH WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.
- TREE STAKING: IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO STAKE AND/OR GUY THE TREES ACCORDING TO THE DETAILS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE EVERY STEP NECESSARY TO PROTECT THE TREES AND SHRUBS IN AN UPRIGHT AND PLUMB CONDITION AT ALL TIMES UNTIL THE END OF THE PLANT GUARANTEE PERIOD ESPECIALLY WHERE VANDALISM, SOIL OR WIND CONDITIONS ARE A PROBLEM.
- TREE WRAPPING: WRAPPING MATERIAL SHALL BE QUALITY, HEAVY WATERPROOF CREPE PAPER MANUFACTURED FOR THIS PURPOSE. WRAP ALL DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO 12-1 AND REMOVE ALL WRAPPING AFTER 5-1.
- RODENT PROTECTION: PROVIDE ON ALL TREES, EXCEPT SPRUCE UNLESS OTHERWISE SPECIFIED.
- PLANTING PLAN: ALL PROPOSED PLANTS SHALL BE LOCATED CAREFULLY AS SHOWN ON THE PLANS. PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE. IF DISCREPANCIES IN QUANTITIES EXIST, SPECIFICATIONS TAKE PRECEDENCE OVER NOTES. RESPECT STATED DIMENSIONS. DO NOT SCALE DRAWINGS.
- EDGING SHALL BE 4" STEEL COMMERCIAL GRADE EDGING WITH MINIMUM THREE (3) METAL ANCHOR STAKES PER 16 FOOT SECTION. ALL MASS PLANTING BEDS SHALL HAVE EDGING PLACED BETWEEN MULCH AREA AND ANY ADJACENT TURF AREA.

PLANTING NOTES

- NO PLANTING TO BE INSTALLED UNTIL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL PLANT MATERIAL LOCATIONS MUST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY AND ALL DIGGING.
- IF THE LANDSCAPE SUBCONTRACTOR PERCEIVES ANY DEFICIENCIES IN THE PLANT SELECTIONS, SOIL CONDITIONS OR ANY OTHER SITE CONDITION WHICH MIGHT NEGATIVELY AFFECT PLANT MATERIAL ESTABLISHMENT, SURVIVAL OR GUARANTEE, THEY SHALL BRING THESE DEFICIENCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE LANDSCAPE ARCHITECT MUST BE NOTIFIED.
- ALL PLANTS TO BE INSTALLED AS PER PLANTING DETAILS.
- ONE SHRUB PER TYPE AND SIZE IN EACH PLANTING BED AND EVERY TREE SHALL BE CLEARLY IDENTIFIED (COMMON OR LATIN NOMENCLATURE) WITH A PLASTIC TAG WHICH SHALL NOT BE REMOVED PRIOR TO OWNER ACCEPTANCE.
- WHERE SOD/SEED ARE USED ON PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.
- SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.
- SEED ALL AREAS DISTURBED DUE TO GRADING OTHER THAN THOSE AREAS NOTED TO RECEIVE SOD.
- REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO THE OWNER.

ACCEPTANCE & WARRANTY NOTES

- LANDSCAPE SUBCONTRACTOR SHALL WARRANTY NEW PLANT MATERIAL THROUGH TWO CALENDAR YEARS FROM THE TIME OF FINAL OWNER AND CITY ACCEPTANCE. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.
- LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY PLANTED MATERIALS UNTIL THE TIME OF OWNER ACCEPTANCE. ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- LANDSCAPE SUBCONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION OF THE LANDSCAPE AND SITE IMPROVEMENTS PRIOR TO SUBMITTING FINAL PAY REQUEST.
- LANDSCAPE SUBCONTRACTOR SHALL PREPARE AN AS BUILT DRAWING(S) OF LANDSCAPE INSTALLATION SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO PROJECT ACCEPTANCE.

IRRIGATION NOTES

- LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A SHOP DRAWING ILLUSTRATING AN IRRIGATION PLAN AND SPECIFICATION AS PART OF THE SCOPE OF WORK WHEN BIDDING. THESE SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ORDER.
- VERIFY EXISTING/PROPOSED IRRIGATION SYSTEM LOCATION.
- UNLESS OTHERWISE NOTED ALL SOD/SEED PLANTING AREAS AT GRADE & RAISED, INCLUDING CONTAINER PLANTINGS INDICATED ON PLAN SHALL BE 100% IRRIGATED. THE IRRIGATION SHALL INCLUDE THE PUBLIC RIGHT OF WAY BETWEEN PROPERTY LINE AND BACK OF CURB WHERE NEW LANDSCAPE IMPROVEMENTS ARE PROPOSED.
- IT SHALL BE THE LANDSCAPE SUBCONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL SODDED / SEED AREAS, AT GRADE AND RAISED PLANTED AREAS, INCLUDING CONTAINER PLANTINGS ARE IRRIGATED PROPERLY, INCLUDING THOSE AREAS DIRECTLY AROUND AND ABUTTING BUILDING FOUNDATION.
- THE LANDSCAPE SUBCONTRACTOR SHALL PROVIDE THE OWNER WITH A WATERING/LAWN IRRIGATION SCHEDULE APPROPRIATE TO THE PROJECT SITE CONDITIONS AND TO PLANT MATERIAL GROWTH REQUIREMENTS.
- IRRIGATION SYSTEMS SHALL COMPLY WITH ALL CITY CODES & REQUIREMENTS.
- IRRIGATION SYSTEMS SHALL COMPLY WITH EPA GUIDELINES FOR WATERSENSE SMART CONTROLLERS AND REQUIRED SENSORS.



RYAN A+E, INC.
533 South Third Street, Suite 100
Minneapolis, MN 55415
612-492-4000 tel
612-492-3000 fax

WWW.RYANCOMPANIES.COM

OWNER

CONSULTANTS

KEY PLAN

PROJECT INFORMATION

BROOKINGS
MARKETPLACE
RETAIL

BROOKINGS
MARKETPLACE
RETAIL

Brookings, SD



Name: Justin C. Baggenstoss

LA 16829 07/12/2024

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PROJ. NO.

| ISSUE RECORD | | |
|--------------|------------|----------------|
| ISSUE # | DATE | DESCRIPTION |
| A | 07/12/2024 | CITY SUBMITTAL |

PRELIMINARY
NOT FOR CONSTRUCTION

CITY
SUBMITTAL

07/12/2024

LANDSCAPE
DETAILS

L501

