

- SHADE TREES (DECIDUOUS)**
- ARM Armstrong Red Maple
 - ABM Autumn Blaze Maple
 - AFM Autumn Fantasy Maple
 - GMSM Green Mountain Sugar Maple
 - PPH Prairie Pride Hackberry
 - SHL Skyline Honeylocust
 - SWO Swamp White Oak

- ORNAMENTAL TREES (DECIDUOUS)**
- AFC Adams Flowering Crabapple
 - JTL Ivory Silk Japanese Tree Lilac

- EVERGREEN TREES**
- FVJ Fairview Upright Juniper (upright)
 - NS Norway Spruce
 - BHS Black Hills Spruce
 - EWP Eastern White Pine

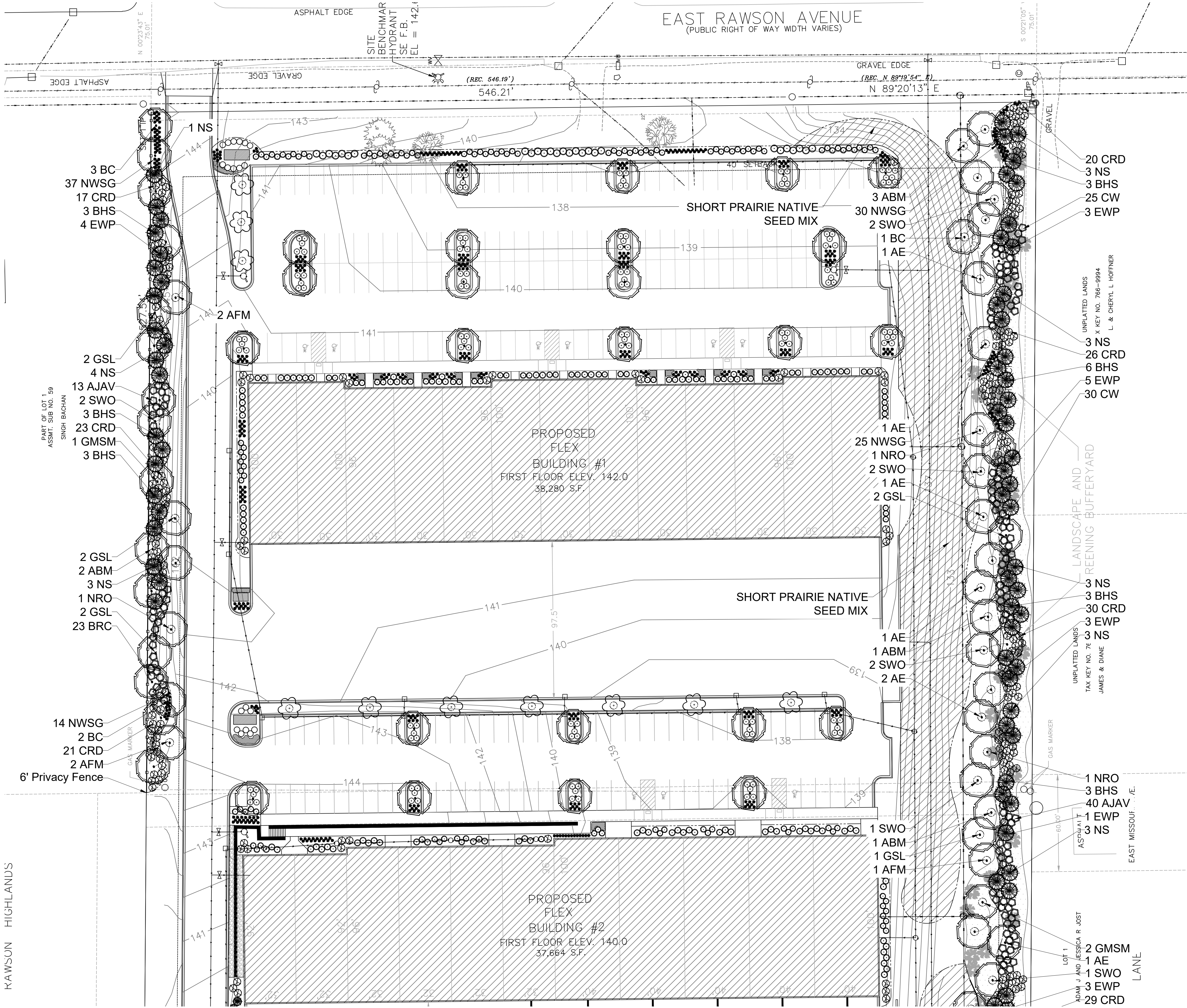
- EVERGREEN SHRUBS**
- SGJ Sea Green Juniper
 - NCJ Nick's Compact Pfitzer Juniper
 - BuJ Buffalo Juniper
 - TIY Taunton Intermediate Yew

- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - CRD Cardinal Redtwig Dogwood
 - HC Peking (Hedge) Cotoneaster
 - CW Common Witchhazel
 - IH Incrediball Hydrangea
 - BBH Bobo Hydrangea
 - LLH Little Lime Hydrangea
 - QFH Quick Fire Hydrangea
 - UH Unique Hydrangea
 - GLS Gro Low Fragrant Sumac
 - PPSR Pink Pavement Series Rose
 - TBS Tor Birchleaf Spirea
 - GFS Goldflame Spirea
 - GMS Goldmound Spirea
 - NFS Neon Flash Spirea
 - KSV Fragrant Koreanspice Viburnum
 - AJAV Autumn Jazz Arrowwood Viburnum
 - SBW Sonic Bloom Weigela

- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
 - NWSG Northwind Switch Grass
 - PDS Prairie Dropseed

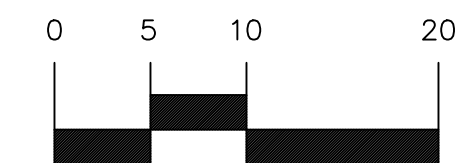
- HERBACEOUS PERENNIALS**
- MA Millenium Allium
 - HRD Happy Returns Daylily
 - RRD Rosy Returns Daylily
 - MRCB Midnight Rose Coralbells
 - FH Francee Hosta
 - WLC Walker's Low Catmint

PLANT ABBREVIATIONS



ENLARGED LANDSCAPE PLAN

Scale: 1" = 10'0"



HELLER & ASSOCIATES, LLC
LANDSCAPE ARCHITECTURE
P.O. Box 1359
Lake Geneva, Wisconsin 53147-1359
ph 262.639.9733
david@wdavidheller.com
www.wdavidheller.com

PROJECT

RAWSON BUSINESS PARK

517 E. Rawson Ave.
Oak Creek, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

ENLARGED LANDSCAPE PLAN: NORTH PERIMETER

PROJECT MANAGER WDH

PROJECT NUMBER 23-057

DATE 09.21.23

SHEET NUMBER

- SHADE TREES (DECIDUOUS)**
- ARM Armstrong Red Maple
 - ABM Autumn Blaze Maple
 - AFM Autumn Fantasy Maple
 - GMSM Green Mountain Sugar Maple
 - PPH Prairie Pride Hackberry
 - SHL Skyline Honeylocust
 - SWO Swamp White Oak

- ORNAMENTAL TREES (DECIDUOUS)**
- AFC Adams Flowering Crabapple
 - JTL Ivory Silk Japanese Tree Lilac

- EVERGREEN TREES**
- FVJ Fairview Upright Juniper (upright)
 - NS Norway Spruce
 - BHS Black Hills Spruce
 - EWP Eastern White Pine

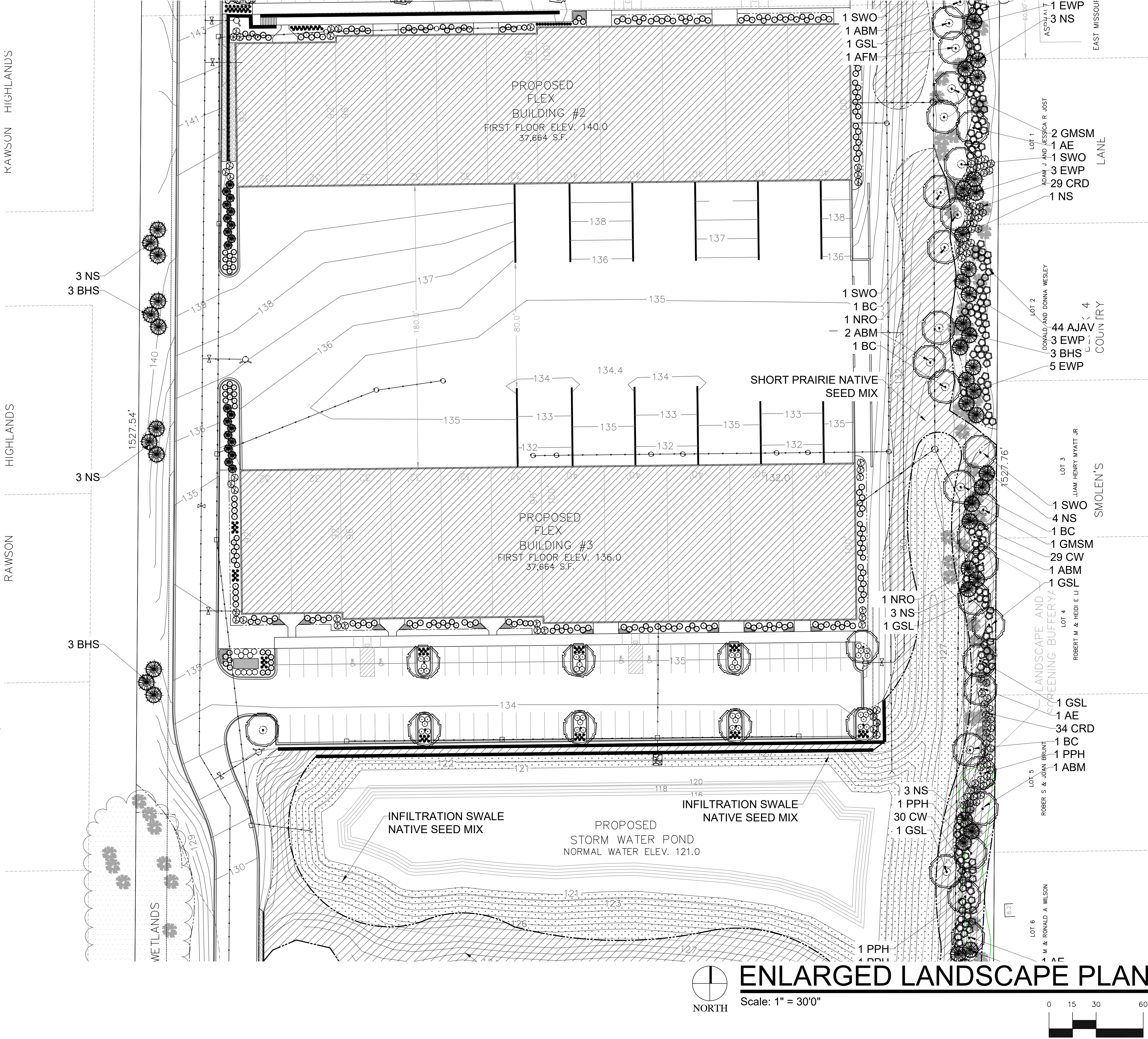
- EVERGREEN SHRUBS**
- SGJ Sea Green Juniper
 - NCJ Nick's Compact Pfizer Juniper
 - BuJ Buffalo Juniper
 - TIY Taunton Intermediate Yew

- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - CRD Cardinal Redtwig Dogwood
 - HC Peking (Hedge) Cotoneaster
 - CW Common Witchhazel
 - IH Incrediball Hydrangea
 - BBH Bobo Hydrangea
 - LLH Little Lime Hydrangea
 - QFH Quick Fire Hydrangea
 - UH Unique Hydrangea
 - GLS Gro Low Fragrant Sumac
 - PPSR Pink Pavement Series Rose
 - TBS Tor Birchleaf Spirea
 - GFS Goldflame Spirea
 - GMS Goldmound Spirea
 - NFS Neon Flash Spirea
 - KSV Fragrant Koreanspice Viburnum
 - AJAV Autumn Jazz Arrowwood Viburnum
 - SBW Sonic Bloom Weigela

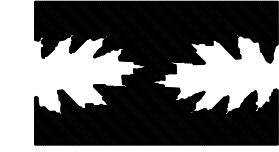
- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
 - NWSG Northwind Switch Grass
 - PDS Prairie Dropseed

- HERBACEOUS PERENNIALS**
- MA Millenium Allium
 - HRD Happy Returns Daylily
 - RRD Rosy Returns Daylily
 - MRCB Midnight Rose Coralbells
 - FH Francee Hosta
 - WLC Walker's Low Catmint

PLANT ABBREVIATIONS



HELLER & ASSOCIATES, LLC
LANDSCAPE ARCHITECTURE
P.O. Box 1359
Lake Geneva, Wisconsin 53147-1359
ph 262.639.9733
david@wdavidheller.com
www.wdavidheller.com



PROJECT

RAWSON BUSINESS PARK

517 E. Rawson Ave.
Oak Creek, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

ENLARGED LANDSCAPE PLAN: MID PERIMETER

PROJECT MANAGER WDH

PROJECT NUMBER 23-057

DATE 09.21.23

SHEET NUMBER

L 1.2

ARM	Armstrong Red Maple
ABM	Autumn Blaze Maple
AFM	Autumn Fantasy Maple
GMSM	Green Mountain Sugar Maple
PPH	Prairie Pride Hackberry
SHL	Skyline Honeylocust
SWO	Swamp White Oak

AFC	Adams Flowering Crabapple
JTL	Ivory Silk Japanese Tree Lilac

FVJ	Fairview Upright Juniper (upright)
NS	Norway Spruce
BHS	Black Hills Spruce
EWP	Eastern White Pine

SGJ	Sea Green Juniper
NCJ	Nick's Compact Pfitzer Juniper
BWJ	Buffalo Juniper
TIY	Taunton Intermediate Yew

BRB	Brilliant Red Chokeberry
CRC	Cardinal Redwing Dogwood
HC	Peking (Hedge) Cotonaster
CW	Common Witchhazel
IH	Incrediball Hydrangea
BBH	Bobo Hydrangea
LLH	Little Lime Hydrangea
QFH	Quick Fire Hydrangea
UH	Unique Hydrangea
GLS	Go Low Fragrant Sumac
PPSR	Pink Pavement Series Rose
TBS	Tor Birchleaf Spirea
GFS	Goldflame Spirea
GMS	Goldmound Spirea
NFS	Neon Flash Spirea
KSV	Fragrant Koreanseep Viburnum
AJAV	Autumn Jazz Arrowwood Viburnum
SBW	Sonic Bloom Weigela

KFRG	Karl Foerster Feather Reed Grass
NWSG	Northwind Switch Grass
PDS	Prairie Dropseed

MA	Millenium Allium
HRD	Happy Returns Daylily
RRD	Rosy Returns Daylily
MRCB	Midnight Rose Coralbells
FH	Francee Hosta
WLC	Walker's Low Catmint

[illegible]

RAWSON BUSINESS PARK

517 E. Rawson Ave.
Oak Creek, WI

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

ENLARGED
LANDSCAPE
PLAN:
SOUTH
PERIMETER

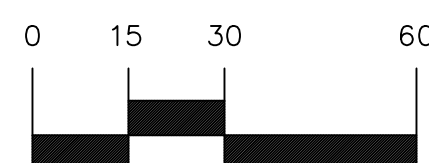
SHEET NUMBER

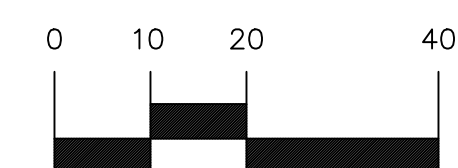
L 1.3



ENLARGED LANDSCAPE PLAN

Scale: 1" = 30'0"





- SHADE TREES (DECIDUOUS)**
- ARM Armstrong Red Maple
 - ABM Autumn Blaze Maple
 - AFM Autumn Fantasy Maple
 - GMSM Green Mountain Sugar Maple
 - PH Prairie Pride Hackberry
 - SHL Skyline Honeylocust
 - SWO Swamp White Oak

- ORNAMENTAL TREES (DECIDUOUS)**
- AFC Adams Flowering Crabapple
 - JTL Ivory Silk Japanese Tree Lilac

- EVERGREEN TREES**
- FVJ Fairview Upright Juniper (upright)
 - NS Norway Spruce
 - BHS Black Hills Spruce
 - EWP Eastern White Pine

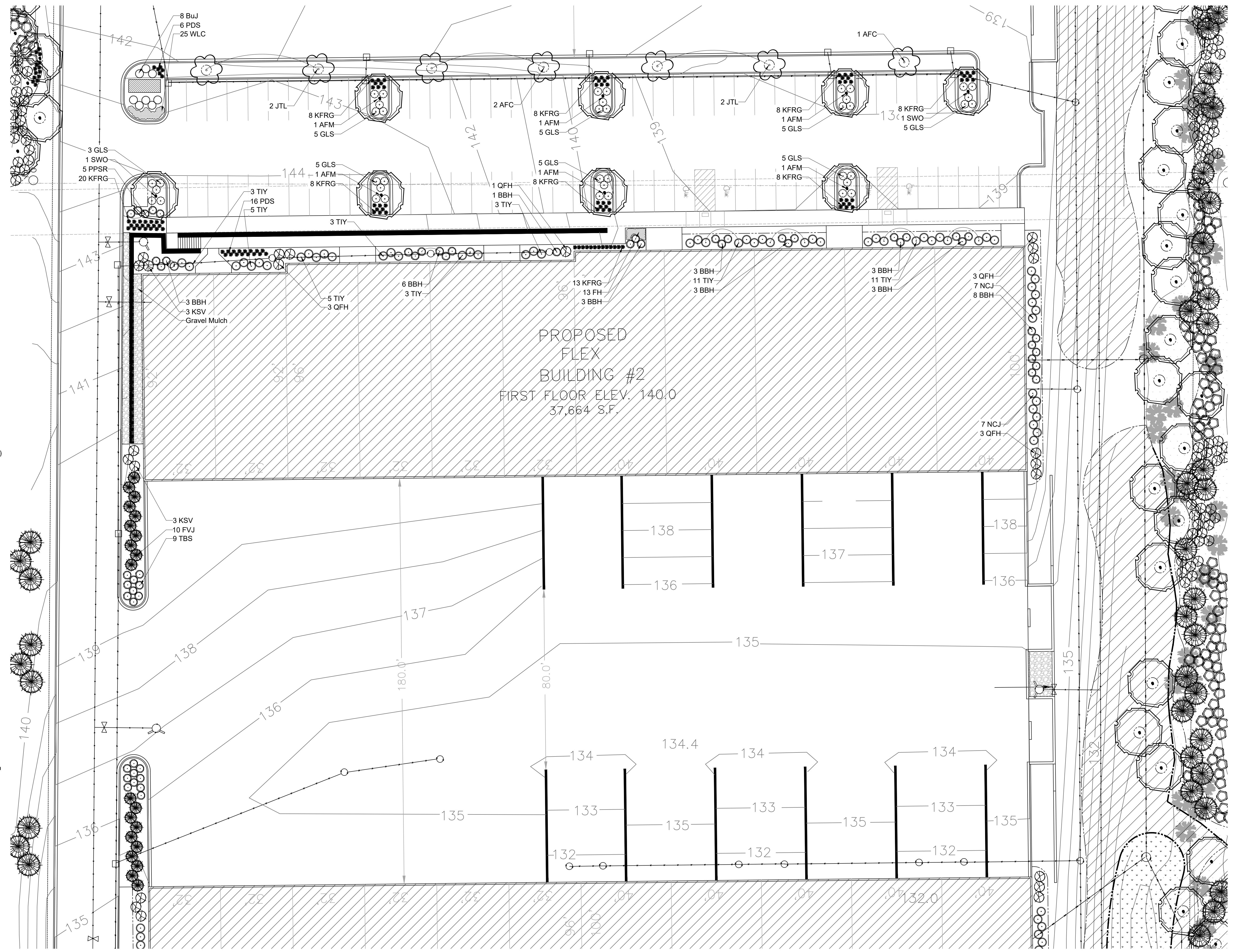
- EVERGREEN SHRUBS**
- SGJ Sea Green Juniper
 - NCJ Nick's Compact Pfizer Juniper
 - BuJ Buffalo Juniper
 - TIY Taunton Intermediate Yew

- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - CRD Cardinal Redtwig Dogwood
 - HC Peking (Hedge) Cotoneaster
 - CW Common Witchhazel
 - IH Incrediball Hydrangea
 - BBH Bobo Hydrangea
 - LLH Little Lime Hydrangea
 - QFH Quick Fire Hydrangea
 - UH Unique Hydrangea
 - GLS Gro Low Fragrant Sumac
 - PPSR Pink Pavement Series Rose
 - TBS Tor Birchleaf Spirea
 - GFS Goldflame Spirea
 - GMS Goldmound Spirea
 - NFS Neon Flash Spirea
 - KSV Fragrant Koreanspice Viburnum
 - AJAV Autumn Jazz Arrowwood Viburnum
 - SBW Sonic Bloom Weigela

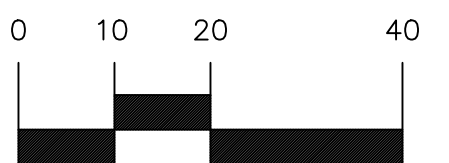
- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
 - NWSG Northwind Switch Grass
 - PDS Prairie Dropseed

- HERBACEOUS PERENNIALS**
- MA Millenium Allium
 - HRD Happy Returns Daylily
 - RRD Rosy Returns Daylily
 - MRCB Midnight Rose Coralbells
 - FH Francee Hosta
 - WLC Walker's Low Catmint

PLANT ABBREVIATIONS



ENLARGED LANDSCAPE PLAN
Scale: 1" = 20'0"



HELLER & ASSOCIATES, LLC
LANDSCAPE ARCHITECTURE
P.O. Box 1359
Lake Geneva, Wisconsin 53147-1359
ph 262.639.9733
david@wdavidheller.com
www.wdavidheller.com

PROJECT

RAWSON BUSINESS PARK

517 E. Rawson Ave.
Oak Creek, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

ENLARGED LANDSCAPE PLAN: BUILDING 2

PROJECT MANAGER WDH

PROJECT NUMBER 23-057

DATE 09.21.23

SHEET NUMBER

L 1.5

- SHADE TREES (DECIDUOUS)**
- ARM Armstrong Red Maple
 - ABM Autumn Blaze Maple
 - AFM Autumn Fantasy Maple
 - GMSM Green Mountain Sugar Maple
 - PPH Prairie Pride Hackberry
 - SHL Skyline Honeylocust
 - SWO Swamp White Oak

- ORNAMENTAL TREES (DECIDUOUS)**
- AFC Adams Flowering Crabapple
 - JTL Ivory Silk Japanese Tree Lilac

- EVERGREEN TREES**
- FVJ Fairview Upright Juniper (upright)
 - NS Norway Spruce
 - BHS Black Hills Spruce
 - EWP Eastern White Pine

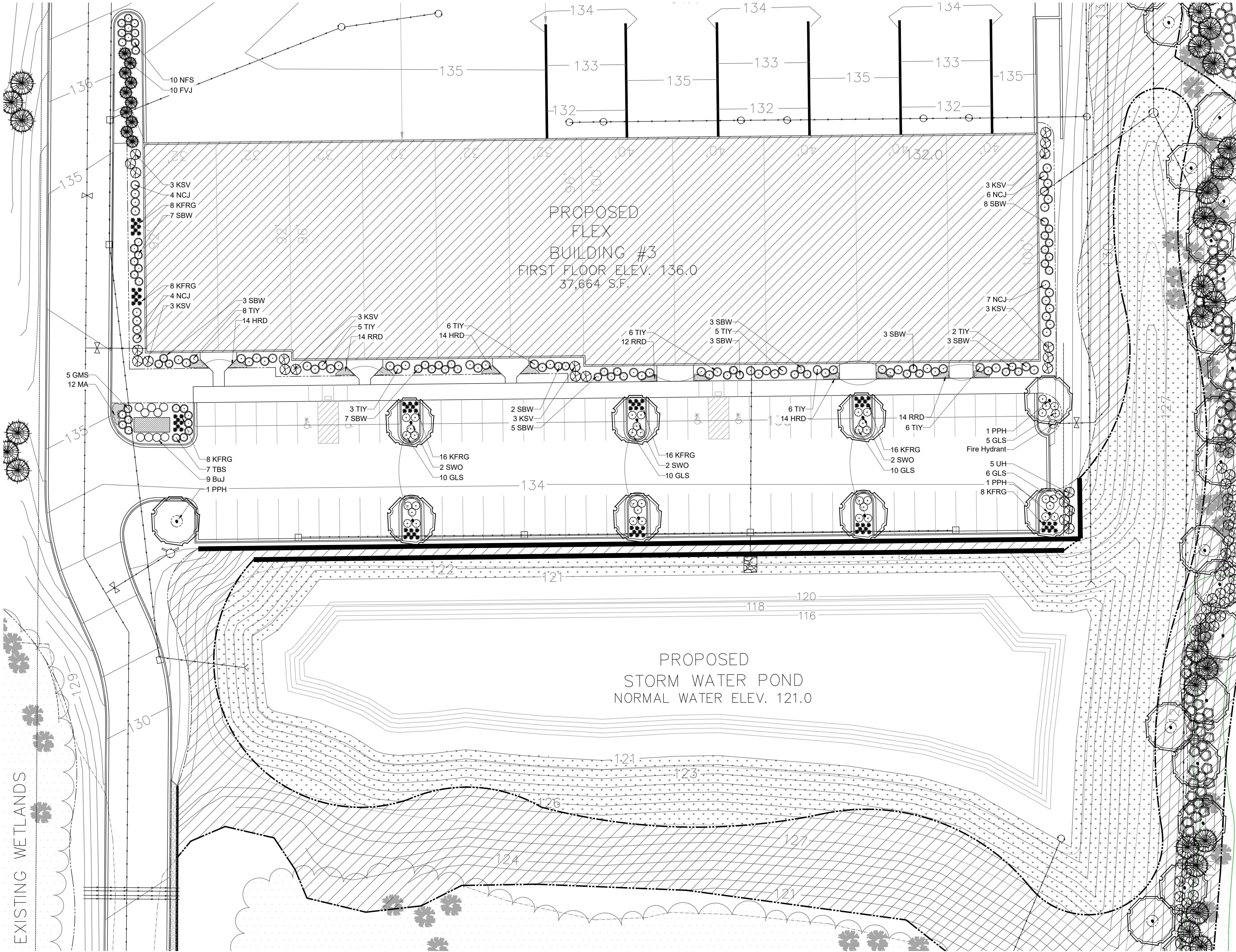
- EVERGREEN SHRUBS**
- SGJ Sea Green Juniper
 - NCJ Nick's Compact Pfitzer Juniper
 - BuJ Buffalo Juniper
 - TIY Taunton Intermediate Yew

- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - CRD Cardinal Redtwig Dogwood
 - HC Peking (Hedge) Cotoneaster
 - CW Common Witchhazel
 - IH Incrediball Hydrangea
 - BBH Bobo Hydrangea
 - LLH Little Lime Hydrangea
 - QFH Quick Fire Hydrangea
 - UH Unique Hydrangea
 - GLS Gro Low Fragrant Sumac
 - PPSR Pink Pavement Series Rose
 - TBS Tor Birchleaf Spirea
 - GFS Goldflame Spirea
 - GMS Goldmound Spirea
 - NFS Neon Flash Spirea
 - KSV Fragrant Koreanspice Viburnum
 - AJAV Autumn Jazz Arrowwood Viburnum
 - SBW Sonic Bloom Weigela

- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
 - NWSG Northwind Switch Grass
 - PDS Prairie Dropseed

- HERBACEOUS PERENNIALS**
- MA Millenium Allium
 - HRD Happy Returns Daylily
 - RRD Rosy Returns Daylily
 - MRCB Midnight Rose Coralbells
 - FH Francee Hosta
 - WLC Walker's Low Catmint

PLANT ABBREVIATIONS



PROJECT

**RAWSON
BUSINESS
PARK**

517 E. Rawson Ave.
Oak Creek, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

**ENLARGED
LANDSCAPE
PLAN:
BUILDING 3**

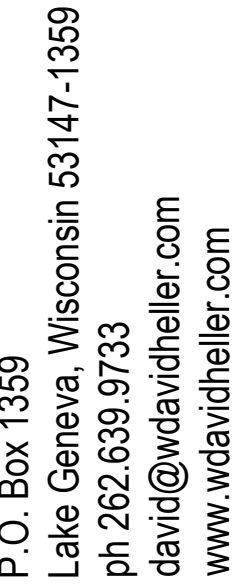
PROJECT MANAGER WDH

PROJECT NUMBER 23-057

DATE 09.21.23

SHEET NUMBER

L 1.6

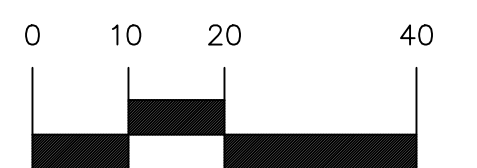
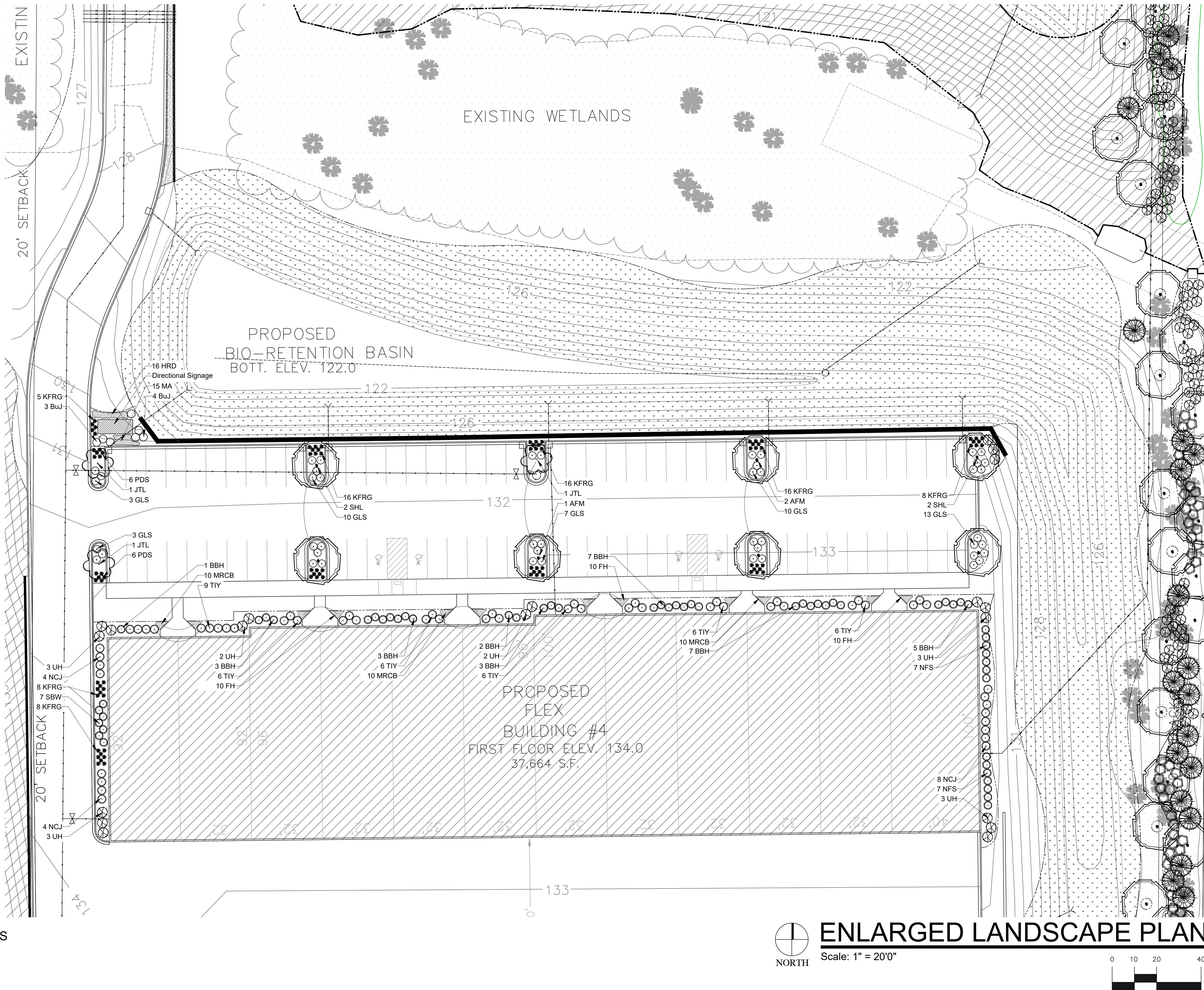


RAWSON BUSINESS PARK

9.21.23 FIRST ISSUE

ENLARGED LANDSCAPE PLAN: BUILDING 4

L 1.7



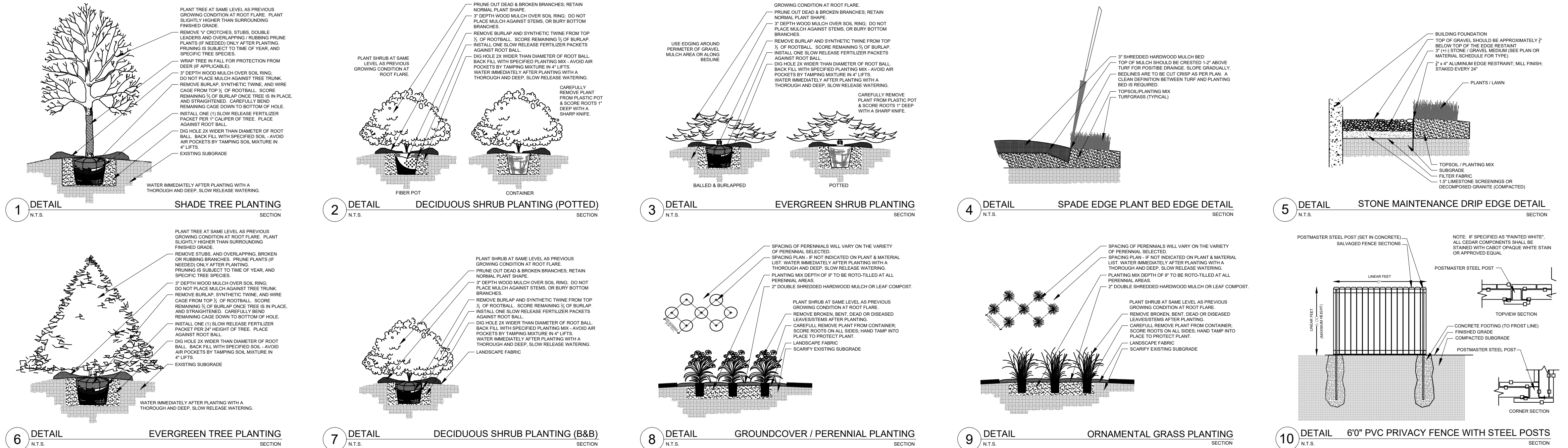
1. Contractor responsible for contacting Diggers Hotline (811 or 800-242-8511) to have site marked prior to excavation or planting.
2. Contractor to verify all plant quantities shown on Plant & Material List and landscape planting symbols and report any discrepancies to Landscape Architect or General Contractor.
3. All plantings shall comply with standards as described in American Standard of Nursery Stock - Z60.1 ANSI (latest version). Landscape Architect reserves the right to inspect, and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged. No sub-standard "B Grade" or "Park Grade" plant material shall be accepted. Plant material shall originate from nursery(ies) with a similar climate as the planting site.
4. Any potential plant substitutions must be approved by Landscape Architect or Owner. All plants must be installed as per sizes indicated on Plant & Material Schedule, unless approved by Landscape Architect. Any changes to sizes shown on plan must be submitted in writing to the Landscape Architect prior to installation.
5. Topsoil in Parking Lot Islands (if applicable): All parking lot islands to be backfilled with topsoil to a minimum depth of 12" to insure long-term plant health. Topsoil should be placed within 3" of finish grade by General Contractor / Excavation Contractor during rough grading operations/activity. The landscape contractor shall be responsible for the fine grading of all disturbed areas, planting bed areas, and lawn areas. Crown all parking lot islands a minimum of 4" to provide proper drainage, unless otherwise specified.
6. Tree Planting: Plant all trees slightly higher than finished grade at the root flare. Remove excess soil from the top of the root ball, if needed. Remove and discard non-biodegradable burl wrapping and support wire. Removed biodegradable burlap and wire cage (if present) from the top $\frac{1}{3}$ of the rootball and carefully bend remaining wire down to the bottom of the hole. Once the tree has been placed into the hole and will no longer be moved, score the remaining $\frac{2}{3}$ of the burlap and remove the twine. Provide one slow release fertilizer packets (per 1" caliper) for each tree planted.
7. Tree Planting: Backfill tree planting holes 80% existing soils removed from excavation and 20% Soil Amendments (see Note 11). Avoid air pockets and do not tamp soil down. Discard any gravel, rocks, heavy clay, or concrete pieces. When hole is $\frac{3}{4}$ full, trees shall be watered thoroughly, and water left to soak in before proceeding to fill the remainder of the hole. Water again to full soak in the new planting. Each tree shall receive a 3" deep, 4-5" diameter (see planting details or planting plan) shredded hardwood bark mulch ring / saucer around all trees. Do not build up any mulch onto the trunk of any tree. Trees that are installed incorrectly will be replaced at the time and expense of the Landscape Contractor.
8. Shrub Planting: All shrubs to be planted in groupings as indicated on the Landscape Plan. Install with the planting of shrubs a 50% mix of Soil Amendments with blended, pulverized topsoil. Install topsoil into all plant beds as needed to achieve proper grade and displace undesirable soils (see planting detail). Remove all excessive gravel, clay and stones from plant beds prior to planting. When hole(s) are $\frac{3}{4}$ full, shrubs shall be watered thoroughly, and water left to soak in before proceeding. Provide slow-release fertilizer packets at the rate of 1 per 24" height/diameter of shrub at planting.
9. Mulching: All tree rings to receive a 3" deep layer of high quality shredded hardwood bark mulch (not pigment dyed or enviro-mulch). All shrub planting and perennial planting bed areas (groupings) shall receive a 2" layer of double-shredded hardwood bark mulch, and groundcover areas a 2" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.
10. Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp, smooth as per plan. A clean definition between landscape beds and lawn is required. Pack mulch against lawn edge to hold in place.
11. Plant bed preparation/Soil Amendment composition: All perennial, groundcover and annual areas (if applicable) are required to receive a blend of organic soil (Soil Amendments) amendments prior to installation. Roto-tilled the following materials at the following ratio, into existing soil beds or installed topsoil beds to a depth of approximately 8"-10". Containerized and balled & burlapped plant material should be back-filled with amended soil:

Per 100 SF of bed area (Soil Amendment composition):
 $\frac{1}{2}$ CY Peat Moss or Mushroom Compost
 $\frac{1}{4}$ CY blended/pulverized Topsoil
 $\frac{1}{4}$ CY composted manure

In roto-tilled beds only, also include in above mixture:
2 lbs Starter Fertilizer

12. Installation preparation for all seeded areas: remove/kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil (if adequate or provide as in Item #6 above) and seed bed by removing all surface stones 1" or larger. Apply a starter fertilizer (20-10-5, or approved comparable) and specified seed uniformly at the specified rate, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer specifications to Landscape Architect and Owner prior to installation. Erosion control measures are to be used in swales and on slopes in excess of 1:3 and where applicable (see Civil Engineering Drawings). Methods of installation may vary at the discretion of the Landscape Contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. A minimum of 2" of blended, prepared and non-compacted topsoil is required for all lawn areas. If straw mulch is used as a mulch covering, a tackifier may be necessary to avoid wind dispersal of mulch covering. Marsh hay containing reed canary grass is NOT acceptable as a mulch covering.
- An acceptable quality seed installation is defined as having:
No bare spots larger than one (1) square foot
No more than 10% of the total area with bare areas larger than one (1) square foot
A uniform coverage through all turf areas
13. Warranty and Replacements: All plantings are to be watered thoroughly at the time of planting, through construction and upon completion of project as required. Trees, Evergreens and Shrubs (deciduous and evergreen) shall be guaranteed (100% replacement) for a minimum of one (1) year from the date of project completion. Perennials, groundcovers, and ornamental grasses shall be guaranteed for a minimum of one (1) growing season. Perennials, groundcovers, and ornamental grasses planted after September 15th shall be guaranteed through May 31st of the following year. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Watering and general ongoing maintenance instructions are to be supplied by the Landscape Contractor to the Owner upon completion of the project.
14. The Landscape Contractor is responsible for the watering and maintenance of all landscape areas for a period of 45 days after the substantial completion of the landscape installation. This shall include all trees, shrubs, perennials, ornamental grasses, turf grass, no-mow grass, and native prairie seed mix / stormwater seed mix. Work also includes weeding, edging, mulching (only if required), fertilizing, trimming, sweeping up grass clippings, pruning and deadheading.
15. Project Completion: Landscape Contractor is responsible to conduct a final review of the project, upon completion, with the Landscape Architect, Client or Owner / Client Representative, and the General Contractor to answer questions, provide written care instructions for new plantings and turf, and insure that all specifications have been met.

LANDSCAPE GENERAL NOTES



PLANTING & HARDSCAPE DETAILS



PROJECT

RAWSON BUSINESS PARK

517 E. Rawson Ave.
Oak Creek, WI

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
9.21.23	FIRST ISSUE

Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

LANDSCAPE DETAILS, NOTES & SCHEDULES

PROJECT MANAGER WDH

PROJECT NUMBER 23-057

DATE 09.21.23

SHEET NUMBER

L 1.8