

SCALE: 1" = 100'-0"

- Removed divided lights in bubbled areas
 - Balconies changed to vertical pickets



4 B1 - WEST ELEVATION
 SCALE: 1/16" = 1'-0"



3 B1 - EAST ELEVATION
 SCALE: 1/16" = 1'-0"



1 B1 - NORTH ELEVATION
 SCALE: 1/16" = 1'-0"



2 B1 - SOUTH ELEVATION
 SCALE: 1/16" = 1'-0"

- Balconies changed to vertical pickets



1 B1 - COURTYARD SOUTH ELEV.
SCALE: 1/16" = 1'-0"



2 B1 - COURTYARD NORTH ELEV.
SCALE: 1/16" = 1'-0"

- Removed divided lights in bubbled areas
 - Balconies changed to vertical pickets



4 B2 - EAST ELEVATION
 SCALE: 1/16" = 1'-0"



3 B2 - WEST ELEVATION
 SCALE: 1/16" = 1'-0"

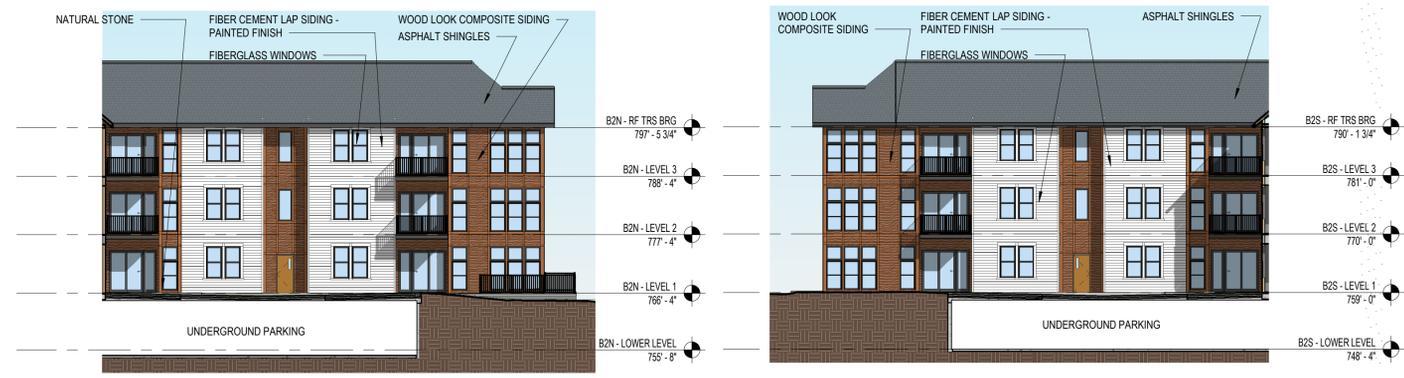


1 B2 - NORTH ELEVATION
 SCALE: 1/16" = 1'-0"



2 B2 - SOUTH ELEVATION
 SCALE: 1/16" = 1'-0"

- Balconies changed to vertical pickets



1 B2 - COURTYARD SOUTH ELEV.
SCALE: 1/16" = 1'-0"

2 B2 - COURTYARD NORTH ELEV.
SCALE: 1/16" = 1'-0"

- There were no divided lights on Building 3.
 - Balconies changed to vertical pickets



3 B3 - WEST ELEVATION
 SCALE: 1/16" = 1'-0"



4 B3 - EAST ELEVATION
 SCALE: 1/16" = 1'-0"



2 B3 - SOUTH ELEVATION
 SCALE: 1/16" = 1'-0"



1 B3 - NORTH ELEVATION
 SCALE: 1/16" = 1'-0"

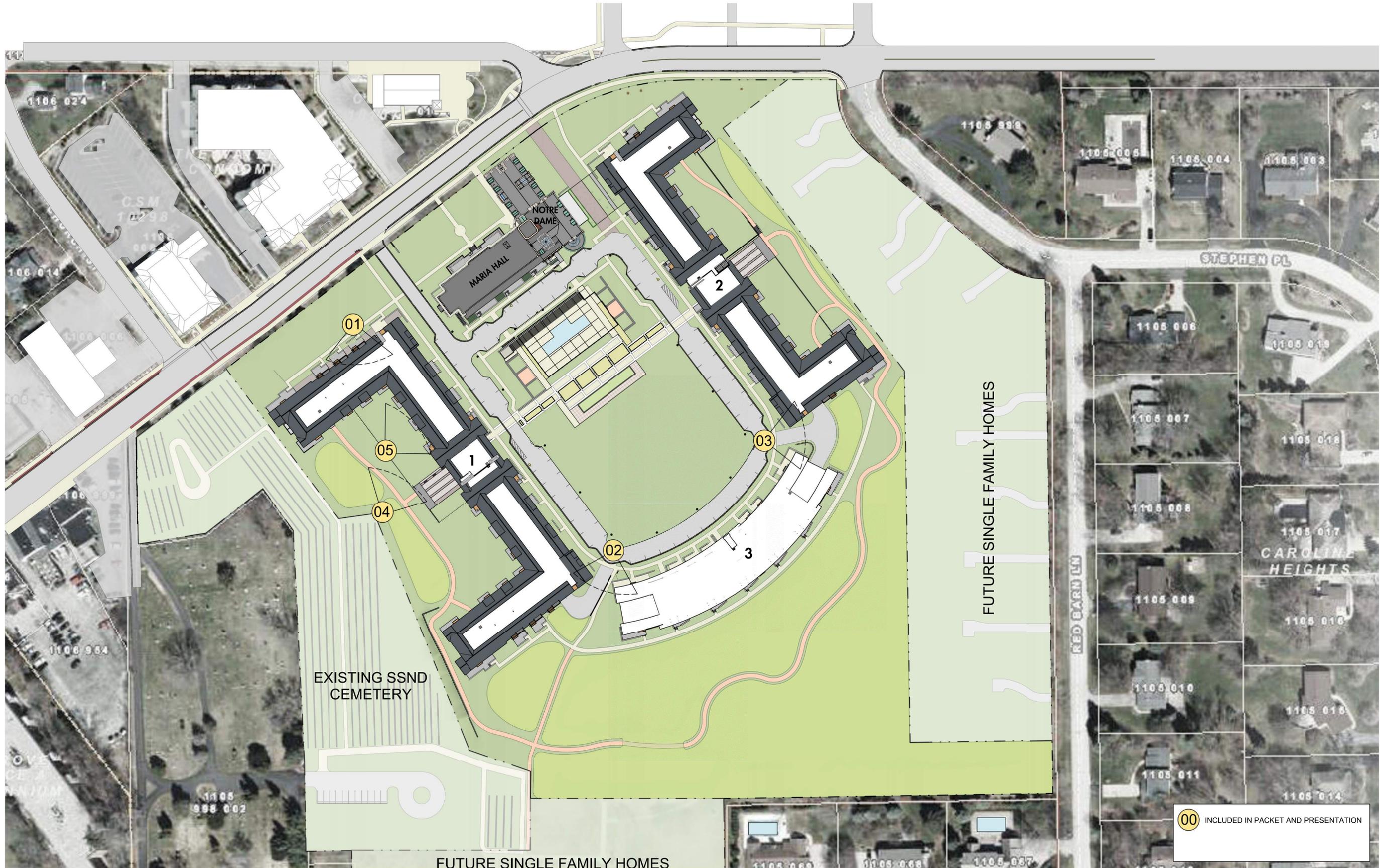
- There were no divided lights on the historic buildings.
- Balconies changed to vertical pickets



2 M-ND WEST ELEVATION
SCALE: 1/16" = 1'-0"



1 M-ND - SOUTH ELEVATION
SCALE: 1/16" = 1'-0"





01 - PREVIOUS

July 22, 2021 Building Board Approval - Balconies with horizontal pickets



01

March 7, 2023 Building Board Meeting - Balconies with vertical pickets



02 - PREVIOUS

July 22, 2021 Building Board Approval - Entry between Buildings 1 and 3





03 - PREVIOUS

July 22, 2021 Building Board Approval - Entry between Buildings 2 and 3





04 - PREVIOUS

July 22, 2021 Building Board Approval - Stone walls delineating space







Turf Lawn



Wet-Mesic Prairie



Mesic Prairie



LEGEND

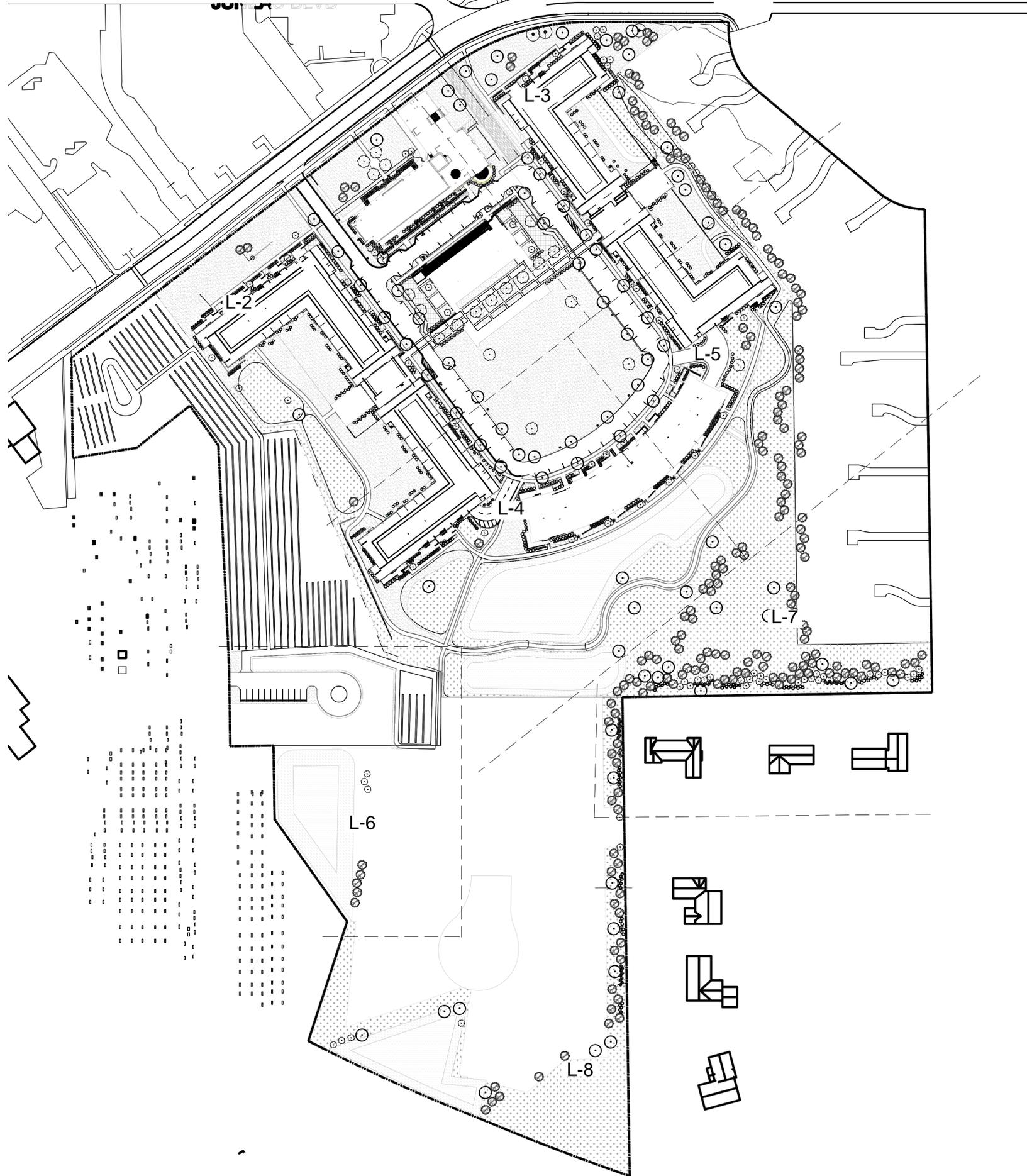
- PROPERTY BOUNDARY
- COMPACTED AGGREGATE PATH
- BOARDWALK
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- TURF SEED
- ORNAMENTAL PLANTING BED
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- TREES - CANOPY
- TREES - EVERGREEN
- TREES - ORNAMENTAL



NORTH



SCALE: 1" = 200' PRINTED AT 11X17



EXISTING LANDSCAPE NOTES

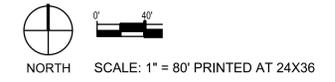
1. THE LOCATION FOR EXISTING TREES WITHIN THE BUILDING L-3 FOOTPRINT IS PROVIDED IN THE SURVEY BY CHAPUT LAND SURVEYORS DATED APRIL 15, 2020. ADDITIONAL TREE LOCATIONS PROVIDED BY RES VIA GPS LOCATION DURING TREE SURVEY.
2. REFER TO THE TREE PRESERVATION PLANS AND SCHEDULE FOR A DESCRIPTION OF EACH EXISTING TREE AND IT WHETHER IT WILL REMAIN OR BE REMOVED AS PART OF CONSTRUCTION.
3. ONE HEDGE ROW OF SHRUBS EAST OF THE NORTHERN END OF THE CEMETERY WILL REMAIN, AS WILL AN ADJACENT BORDER OF GROUNDCOVER ALONG THE SIDEWALK ADJACENT TO WATERTOWN PLANK ROAD.
4. THE GRAPE VINES LOCATED IN A LONG TRELLIS BETWEEN THE MAIN ENTRY DRIVEWAY AND THE CEMETERY WILL BE PRESERVED AND RELOCATED TO A LONG TRELLIS NORTH OF THE POOL AREA IN THE COURTYARD OF THE NEW DEVELOPMENT.
5. ALL OTHER EXISTING PLANT MATERIAL NOT SPECIFICALLY MENTIONED ABOVE WILL BE REMOVED DURING CONSTRUCTION.

PROPOSED LANDSCAPE NOTES

1. REFER TO THE TREE PRESERVATION PLANS AND SCHEDULE FOR A MORE DETAILED DESCRIPTION OF EACH EXISTING TREE TO REMAIN ON SITE. TREES TO REMAIN ARE SHOWN ON THE LANDSCAPE PLANS FOR REFERENCE.
2. THE LANDSCAPE PLANS PROVIDED PERTAIN TO THE CAMPUS REDEVELOPMENT FOR APARTMENT BUILDINGS, STORMWATER MANAGEMENT FACILITIES, AND SURROUNDING LANDSCAPES. BEYOND STORMWATER MANAGEMENT AND CONNECTED NATURALIZED LANDSCAPE FEATURES.
3. LANDSCAPE PLANS SHOW THE LOCATION AND SPECIES FOR PLANTS TO BE INSTALLED. MINOR ADJUSTMENTS TO THE FINAL LOCATIONS MAY BE MADE AS NECESSARY TO ADJUST TO THE SITE AS CONSTRUCTED.
4. THE RESTORED, NATURALIZED, AND FORMAL LANDSCAPES CONSIST OF A SUITE OF NATIVE SPECIES APPROPRIATE FOR LOCATION, SOIL TYPE AND MOISTURE, STORMWATER MANAGEMENT FUNCTION, AND AESTHETIC CONSIDERATIONS.
5. SUBSTITUTIONS OF INDIVIDUAL PLANTS MAY BE MADE DEPENDING UPON AVAILABILITY. HOWEVER, ALL SUBSTITUTED PLANT SPECIES WILL BE EITHER FROM THE LISTS OF SPECIES USED IN OTHER ZONES ON THE LANDSCAPE PLANS, OR FROM THE LIST OF ALTERNATIVES PROVIDED WITH THESE PLANS. NO LANDSCAPE PLAN HAS BEEN PROVIDED FOR THE SINGLE-FAMILY RESIDENTIAL AREA ON THE EAST OF THE PROPERTY OTHER THAN RECOMMENDATIONS FOR TREE PRESERVATION. NO LANDSCAPE PLANS ARE SHOWN FOR THE POCKET NEIGHBORHOOD DEVELOPMENT EITHER. THE ULTIMATE DECISION ON LANDSCAPING AND TREE PRESERVATION WILL BE UP TO THE DEVELOPER OF THESE LOTS AND THE NEW HOME BUYERS.

LEGEND

- PROPERTY BOUNDARY
- ▨ VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- ▨ PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN
- TREES - ORNAMENTAL



Caroline Heights
 Village of Elm Grove, Wisconsin

Mendel Group
 3300 Oakton Avenue
 Suite 800 South
 Milwaukee, WI 53202

RES Proj. #:	104753
Designed By:	RNR
Drawn By:	MDU
Checked By:	RNR
Coordinate System:	NAD 83, WI SP South, US Foot
File:	104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

NOT FOR CONSTRUCTION

DATED: MARCH 30, 2022

Caroline Heights
 Village of Elm Grove, Wisconsin

Mendel Group
 3300 West Center Avenue
 Suite 800 South
 Milwaukee, WI 53202

RES Proj. #:	104753
Designed By:	RNR
Drawn By:	MDU
Checked By:	RNR
Coordinate System:	NAD 83, WI SP South, US Foot
File:	104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

NOT FOR CONSTRUCTION

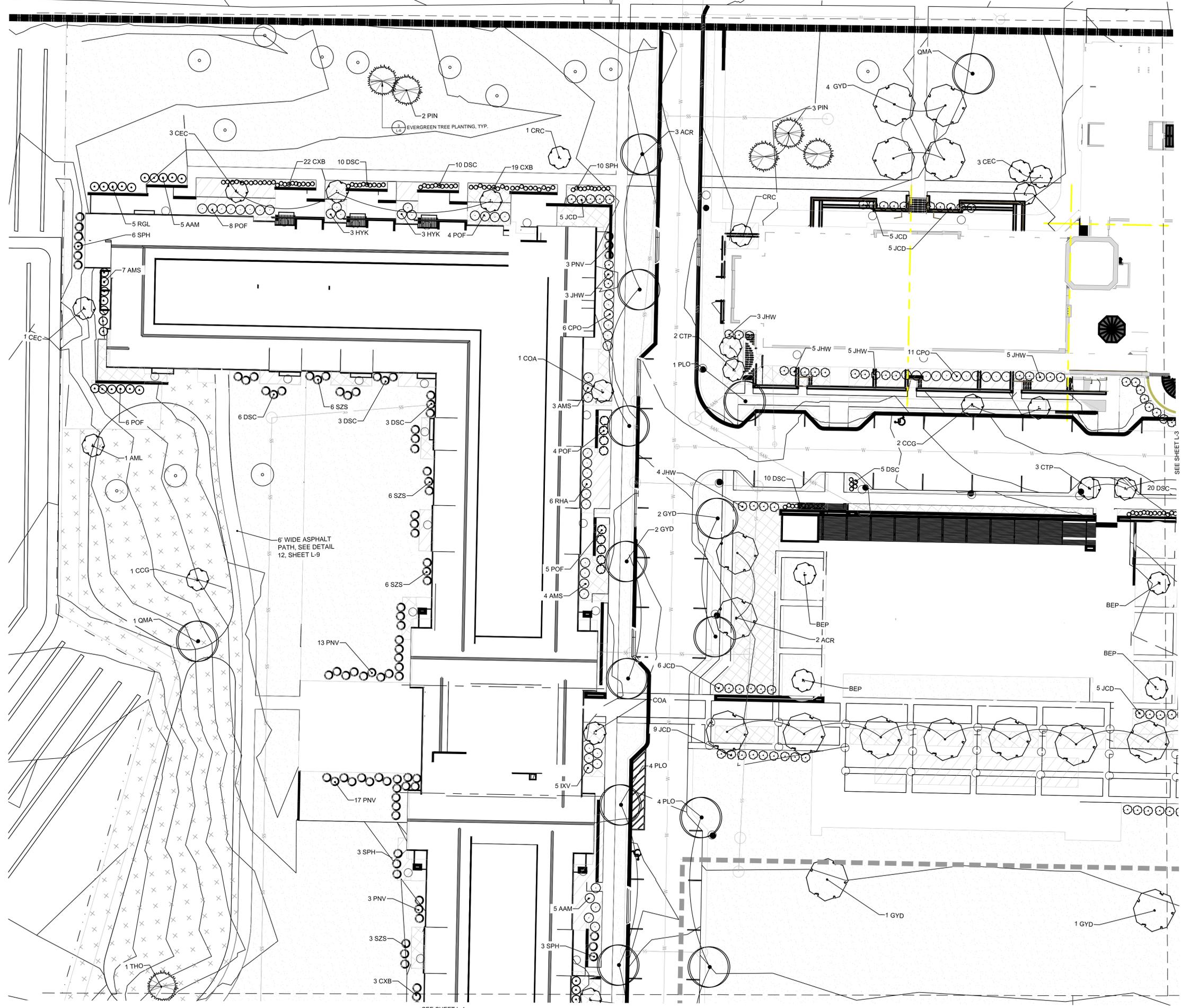
DATED: MARCH 30, 2022

SHEET TITLE

**Detail
 Landscape
 Plan**

SHEET NUMBER

L-2



LEGEND

- PROPERTY BOUNDARY
 - VEHICULAR PAVERS
 - EXISTING TREES TO REMAIN
 - TREE ROOT PROTECTION ZONE
 - MESIC PRAIRIE SEED
 - WET-MESIC PRAIRIE SEED
 - EMERGENT SEED
 - TURF SEED
 - PERENNIAL PLANTING BED
 - ORNAMENTAL GRASSES
 - SHRUBS - SMALL
 - SHRUBS - MEDIUM
 - SHRUBS - EVERGREEN
 - TREES - CANOPY
 - TREES - EVERGREEN
 - TREES - ORNAMENTAL
- SCALE: 1"=20'-0"
- NORTH

Caroline Heights
 Village of Elm Grove, Wisconsin

Meredith Group
 1000 North Lincoln Avenue
 Suite 800 South
 Milwaukee, WI 53202

RES Proj. #: 104753
 Designed By: RNR
 Drawn By: MDU
 Checked By: RNR
 Coordinate System: NAD 83, WI SP South, US Foot
 File: 104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

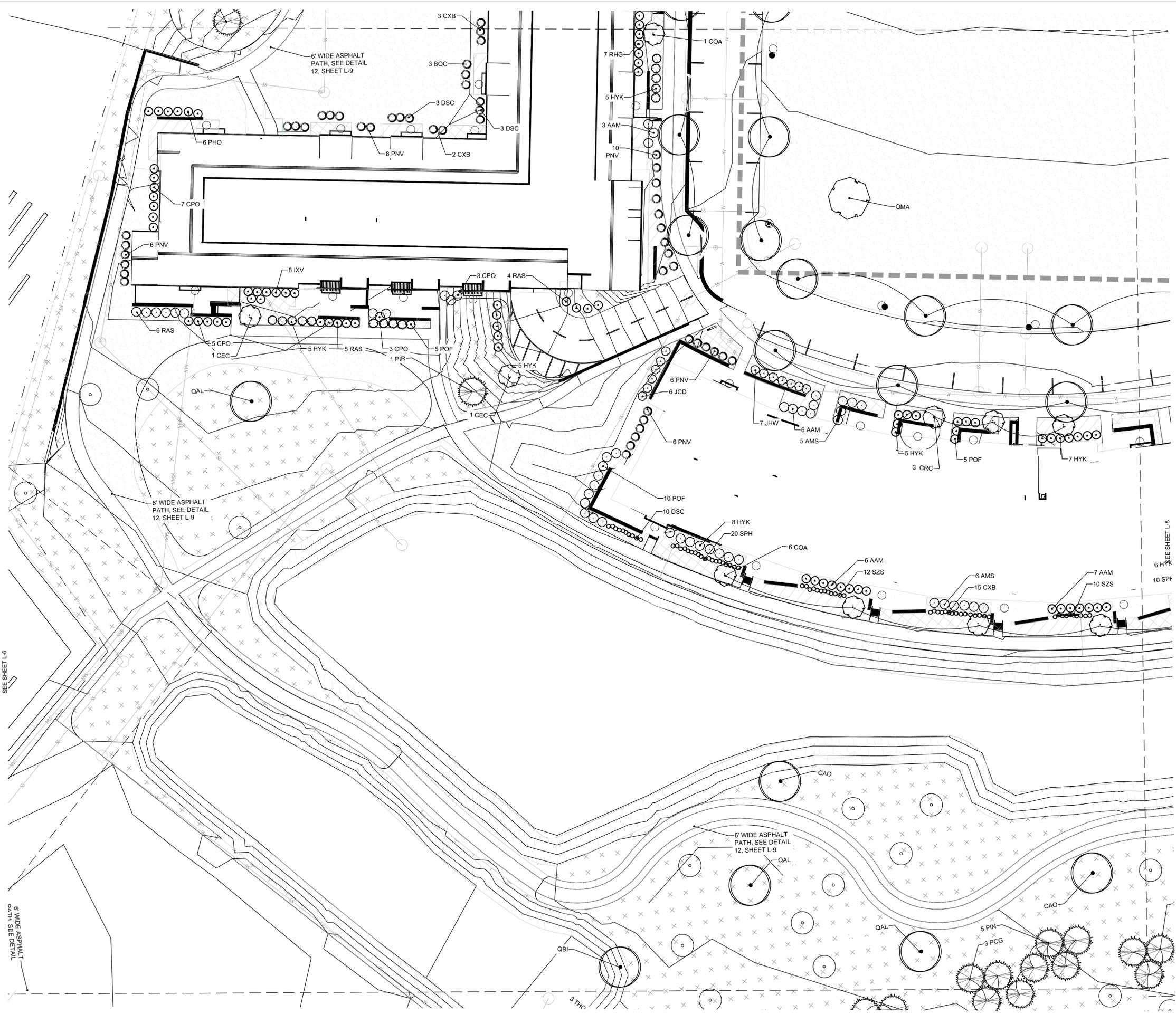
DATED: MARCH 30, 2022

SHEET TITLE

**Detail
 Landscape
 Plan**

SHEET NUMBER

L-4



LEGEND

- PROPERTY BOUNDARY
- VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN



SEE SHEET L-6

6' WIDE ASPHALT PATH, SEE DETAIL 12, SHEET L-9

SEE SHEET L-7

NOT FOR CONSTRUCTION



RES, LLC.

33 North Dearborn St. Suite 320
Chicago, IL 60602

www.res.us

© 2023. All design, concepts, details, etc. are the property of Resourc
Environmental Solutions, LLC. RES is not to be duplicated, photocopied or
reproduced without the written consent of RES, LLC.

Caroline Heights

Village of Elm Grove, Wisconsin

Mendel Group
10000 W. Center Avenue
Suite 600 South
Milwaukee, WI 53202

RES Proj. #: 104753
Designed By: RNR
Drawn By: MDU
Checked By: RNR
Coordinate System: NAD 83, WI SP South, US Foot
File: 104753 SSND LSCAPE.dwg

REVISIONS

Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

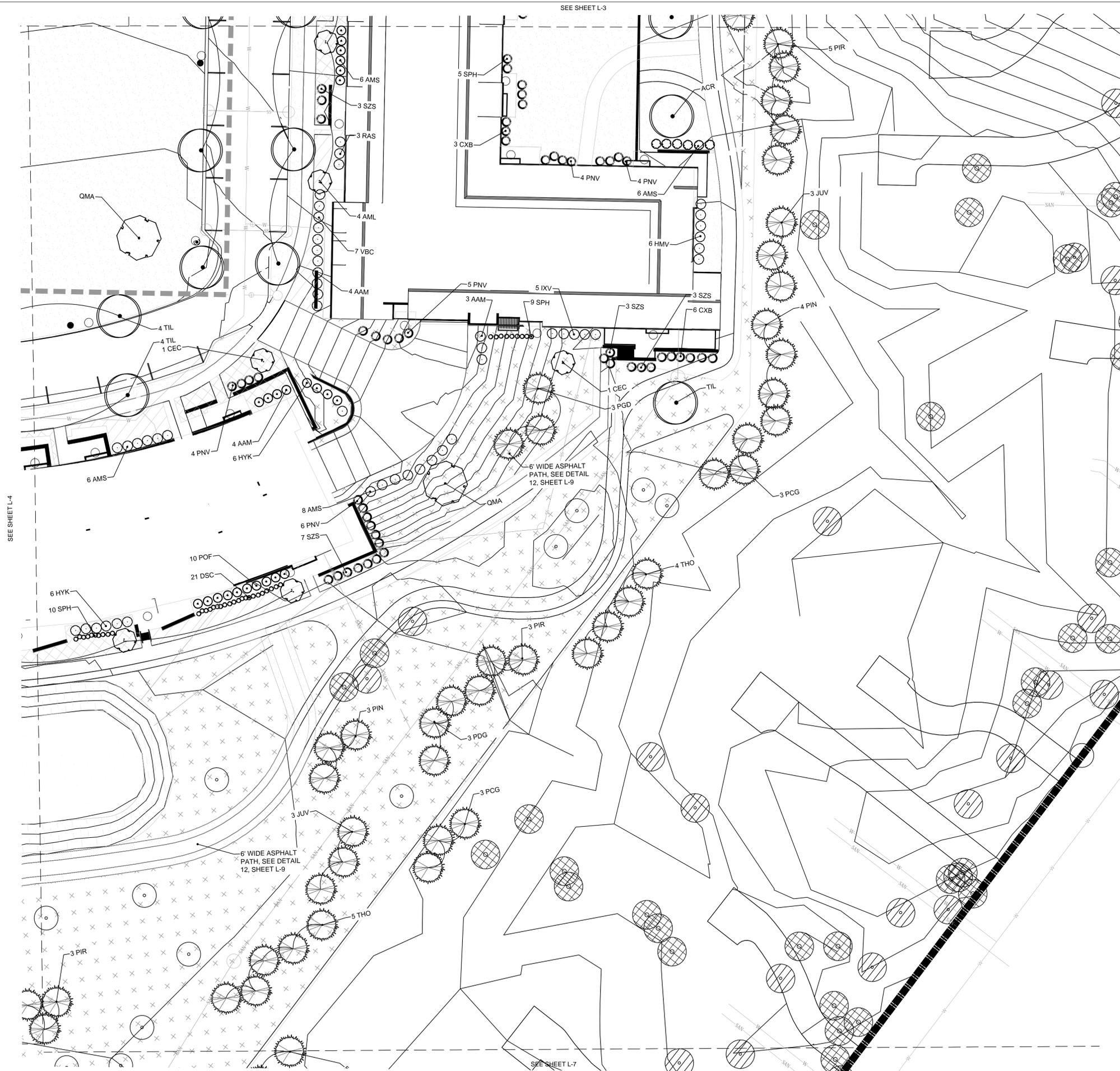
DATED: MARCH 30, 2022

SHEET TITLE

Detail Landscape Plan

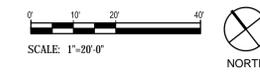
SHEET NUMBER

L-5

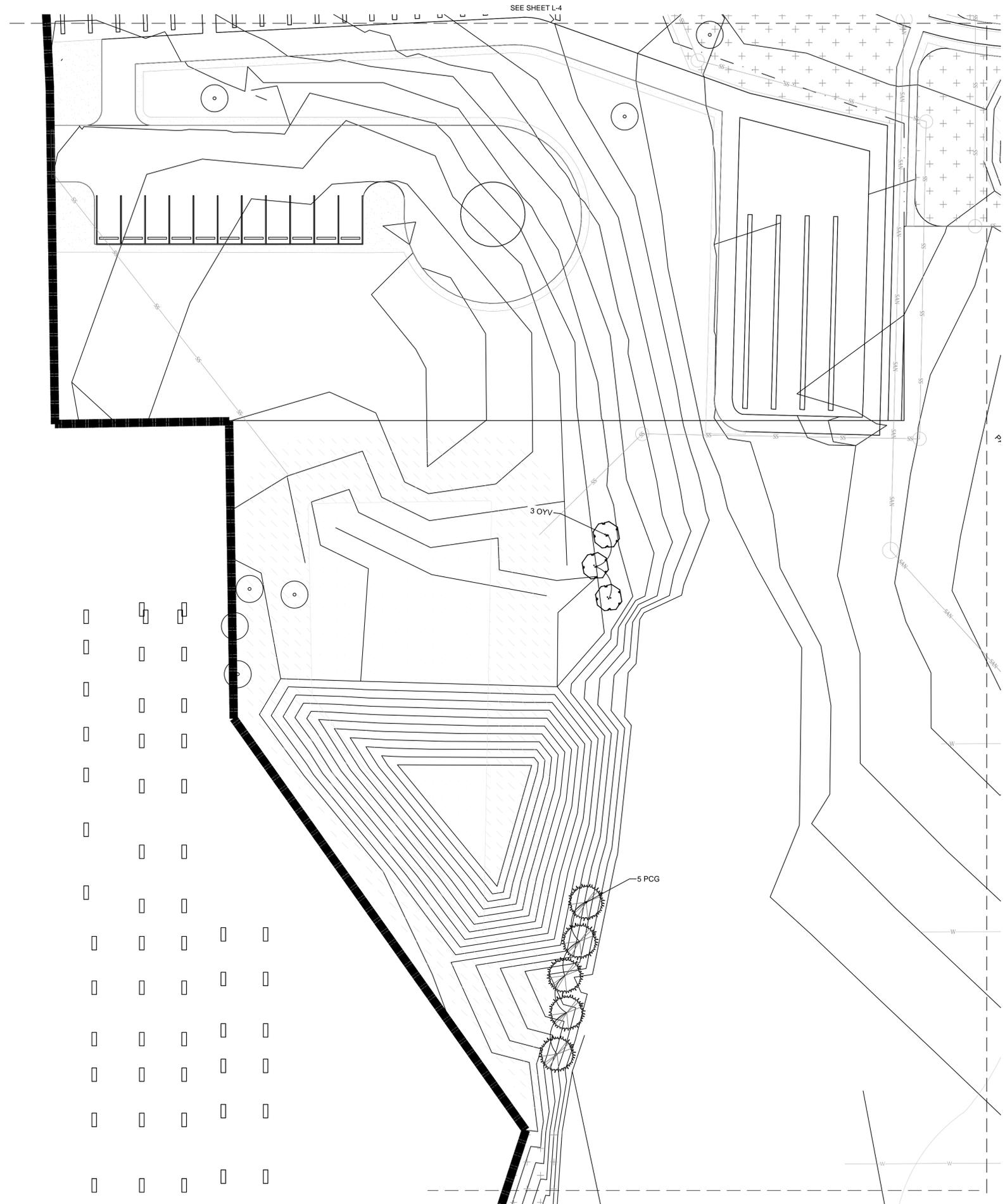


LEGEND

- PROPERTY BOUNDARY
- VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN



NOT FOR CONSTRUCTION



SEE SHEET L-4

SEE SHEET L-8

LEGEND

- PROPERTY BOUNDARY
- VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN



RES, LLC.
 33 North Dearborn St. Suite 320
 Chicago, IL 60602
 www.res.us

© 2023. All design, concepts, details, etc. are the property of Resource Environmental Solutions, LLC. RES and may not be duplicated, photographed or reproduced without the written consent of RES, LLC.

Caroline Heights
 Village of Elm Grove, Wisconsin

Mendel Group
 3300 Oakton Avenue
 Suite 800 South
 Milwaukee, WI 53202

RES Proj. #: 104753
 Designed By: RNR
 Drawn By: MDU
 Checked By: RNR
 Coordinate System: NAD 83, WI SP South, US Foot
 File: 104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

NOT FOR CONSTRUCTION

DATED: MARCH 30, 2022

SHEET TITLE

**Detail
 Landscape
 Plan**

SHEET NUMBER

L-6

Caroline Heights
 Village of Elm Grove, Wisconsin

Mendel Group
 3300 W. Center Avenue
 Suite 800 South
 Milwaukee, WI 53202

RES Proj. #: 104753
 Designed By: RNR
 Drawn By: MDU
 Checked By: RNR
 Coordinate System: NAD 83, WI SP South, US Foot
 File: 104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

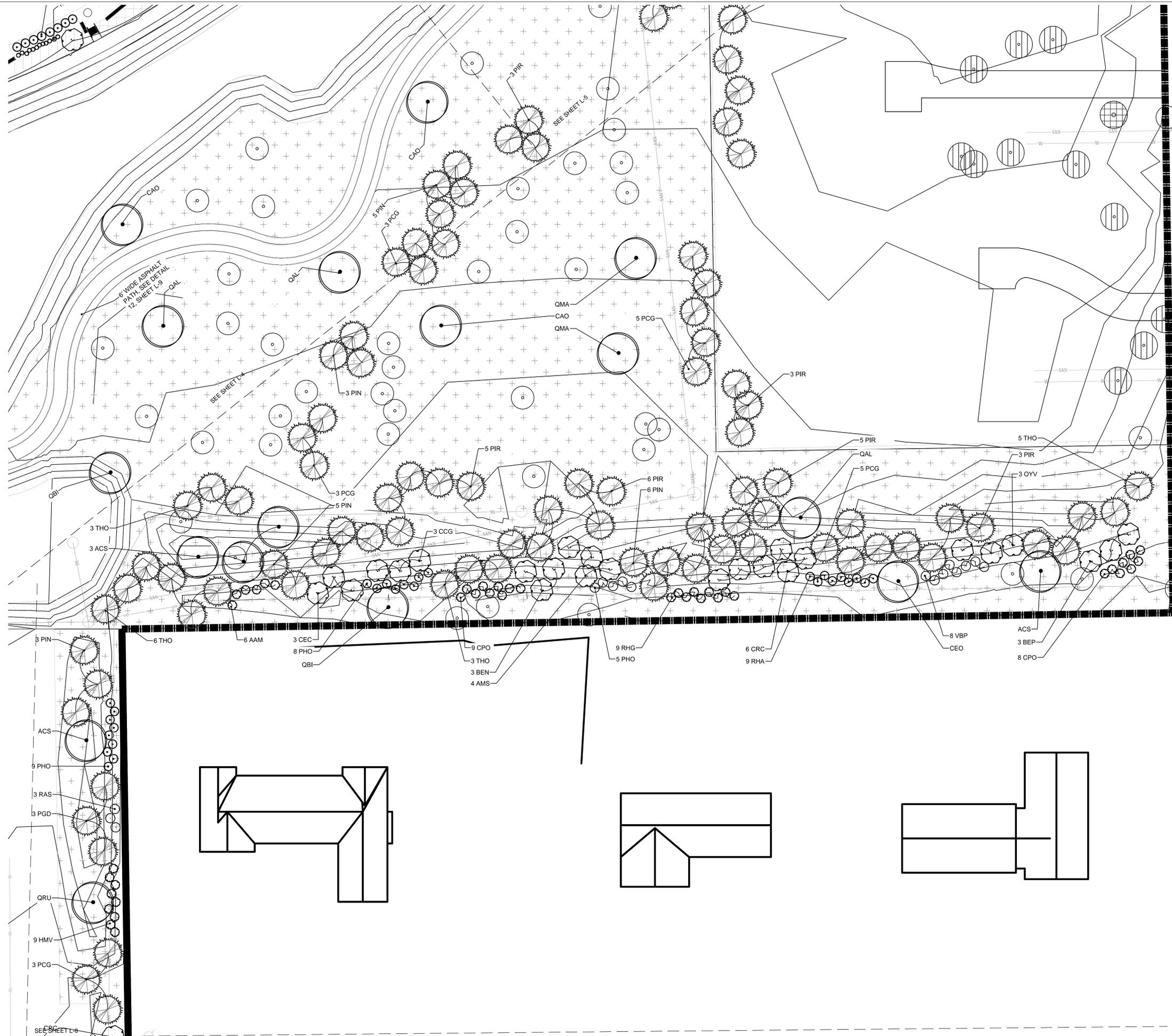
DATED: MARCH 30, 2022

SHEET TITLE

**Detail
 Landscape
 Plan**

SHEET NUMBER

L-7

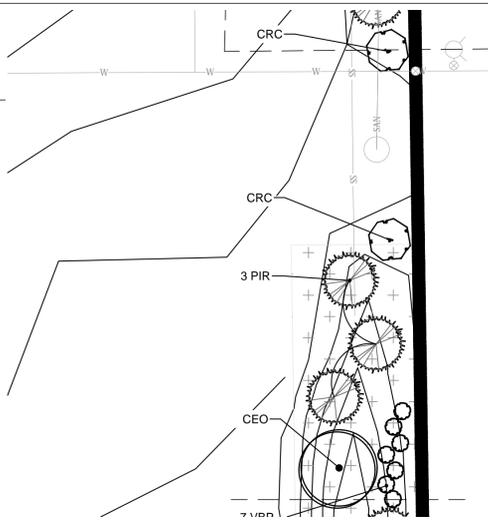


LEGEND

- PROPERTY BOUNDARY
- VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN



NOT FOR CONSTRUCTION



RES, LLC.
 33 North Dearborn St. Suite 320
 Chicago, IL 60602
 www.res.us

© 2023. All design, concepts, details, etc. are the property of Resolving Environmental Solutions, LLC. RES and may not be duplicated, photographed or reproduced without the written consent of RES, LLC.

Caroline Heights

Village of Elm Grove, Wisconsin

Mendel Group
 3300 Oakton Avenue
 Suite 600 South
 Milwaukee, WI 53202

RES Proj. #:	104753
Designed By:	RNR
Drawn By:	MDU
Checked By:	RNR
Coordinate System:	NAD 83, WI SP South, US Foot
File:	104753 SSND LSCAPE.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

NOT FOR CONSTRUCTION

DATED: MARCH 30, 2022

SHEET TITLE

Detail Landscape Plan

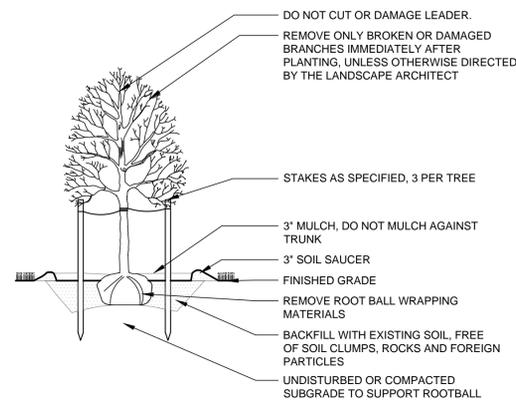
SHEET NUMBER

L-8

LEGEND

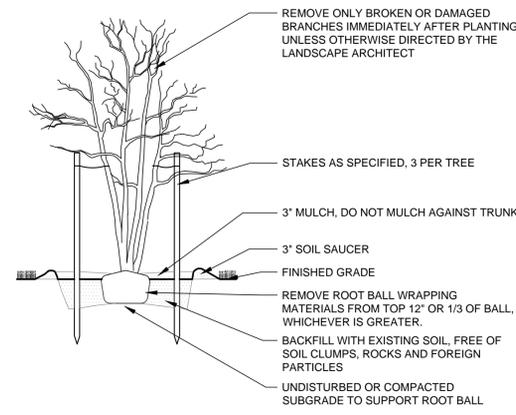
- PROPERTY BOUNDARY
- VEHICULAR PAVERS
- EXISTING TREES TO REMAIN
- TREE ROOT PROTECTION ZONE
- MESIC PRAIRIE SEED
- WET-MESIC PRAIRIE SEED
- EMERGENT SEED
- TURF SEED
- PERENNIAL PLANTING BED
- ORNAMENTAL GRASSES
- SHRUBS - SMALL
- SHRUBS - MEDIUM
- SHRUBS - EVERGREEN
- TREES - CANOPY
- TREES - EVERGREEN





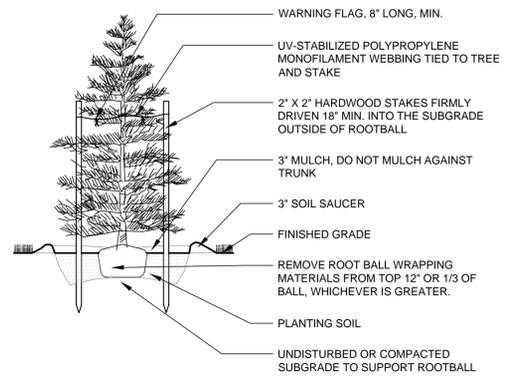
- NOTES:**
1. STAKE TREES ONLY WHEN CONDITIONS REQUIRE ADDITIONAL STABILIZATION, AS DESCRIBED IN SPECIFICATIONS.
 2. EXCAVATE TREE PIT AND SCARIFY EDGES TO ASSIST ROOT DEVELOPMENT.
 3. SET TOP OF ROOT BALL 2 - 3" ABOVE FINISH GRADE. DO NOT BACKFILL OVER TOP OF BALL.
 4. REMOVE ROOT BALL WRAPPING MATERIALS (BURLAP, TWINE, WIRE BASKET, ETC) AFTER TREE IS SET IN PLACE. REMOVE SYNTHETIC WRAPPING COMPLETELY.

1 DECIDUOUS TREE PLANTING NTS



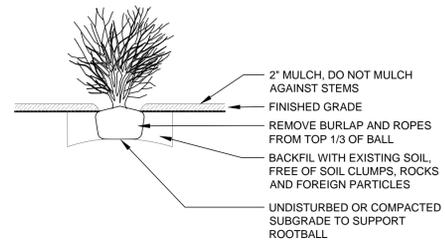
- NOTES:**
1. STAKE TREES ONLY WHEN CONDITIONS REQUIRE ADDITIONAL STABILIZATION, AS DESCRIBED IN SPECIFICATIONS.
 2. EXCAVATE TREE PIT AND SCARIFY EDGES TO ASSIST ROOT DEVELOPMENT.
 3. SET TOP OF ROOT BALL 2 - 3" ABOVE FINISH GRADE. DO NOT BACKFILL OVER TOP OF BALL.
 4. REMOVE ROOT BALL WRAPPING MATERIALS (BURLAP, TWINE, WIRE BASKET, ETC) AFTER TREE IS SET IN PLACE. REMOVE SYNTHETIC WRAPPING COMPLETELY.

2 MULTISTEM TREE PLANTING NTS



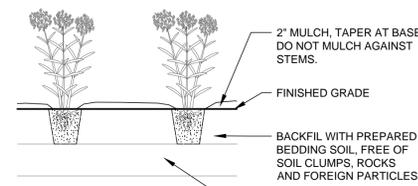
- NOTES:**
1. STAKE TREES ONLY WHEN CONDITIONS REQUIRE ADDITIONAL STABILIZATION, AS DESCRIBED IN SPECIFICATIONS.
 2. EXCAVATE TREE PIT AND SCARIFY EDGES TO ASSIST ROOT DEVELOPMENT.
 3. SET TOP OF ROOT BALL 2 - 3" ABOVE FINISH GRADE. DO NOT BACKFILL OVER TOP OF BALL.
 4. REMOVE ROOT BALL WRAPPING MATERIALS (BURLAP, TWINE, WIRE BASKET, ETC) AFTER TREE IS SET IN PLACE. REMOVE SYNTHETIC WRAPPING COMPLETELY.
 5. LEAVE MONOFILAMENT WEBBING SLIGHTLY SLACK TO ALLOW TREE TO SWAY IN THE WIND.

3 EVERGREEN TREE PLANTING NTS



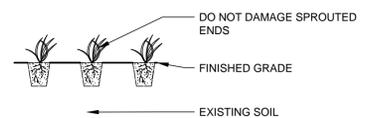
- NOTES:**
1. REMOVE ROOT BALL CONTAINER. PLANT EACH SHRUB SUCH THAT THE ROOT COLLAR IS VISIBLE AT THE TOP OF THE ROOTBALL. DO NOT COVER THE TOP OF THE ROOTBALL WITH SOIL.
 2. FOR B&B SHRUBS, REMOVE ROOT BALL WRAPPING MATERIALS (BURLAP, TWINE, WIRE BASKET, ETC).
 3. SCARIFY EDGES OF PLANTING PIT.

4 SHRUB PLANTING NTS



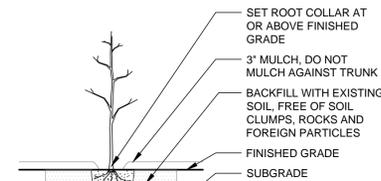
- NOTES:**
1. PLANT SPACING AS PER PLANTING PLAN AND PLANT SCHEDULE.
 2. REMOVE CONTAINER BEFORE PLANTING.

5 PERENNIAL PLANTING NTS



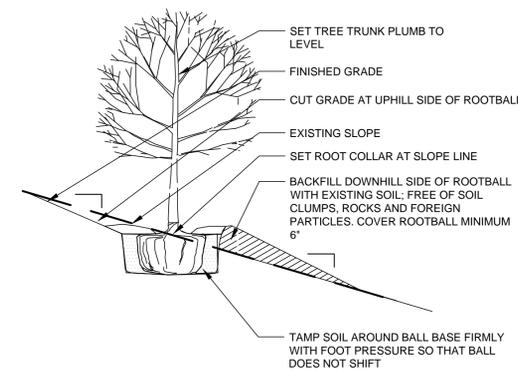
- NOTE:**
1. PLANT SPACING AS PER PLANTING PLAN AND PLANT SCHEDULE.
 2. INSTALL AQUATIC PLANTS FIRMLY INTO THE SOIL.
 3. PLANT EACH PLUG OR ROOTSTOCK INTO THE SOIL UP TO THE SHOOT COLLAR OF THE PLANT. DO NOT BURY THE ENTIRE PLANT OR DAMAGE SPROUTED VEGETATION.

6 HERBACEOUS PLUG PLANTING NTS



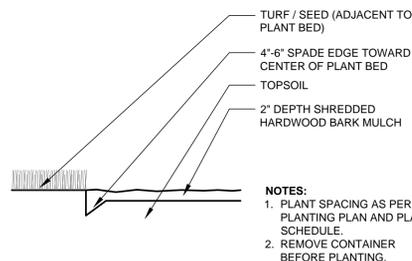
- NOTES:**
1. REMOVE CONTAINER BEFORE PLANTING.
 2. SCARIFY EDGES OF TREE PIT.

7 TREE SAPLING PLANTING NTS



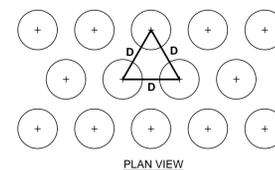
- NOTES:**
1. REFER TO VARIOUS SPECIFIC TREE INSTALLATION DETAILS FOR STAKING, GUYING MULCHING, ETC.
 2. THIS INSTALLATION SHALL APPLY TO ALL TREE TYPES AND SIZES PLANTED ON SLOPES TO A MAXIMUM OF 3:1.

8 PLANTING ON SLOPES (TREES AND SHRUBS) NTS



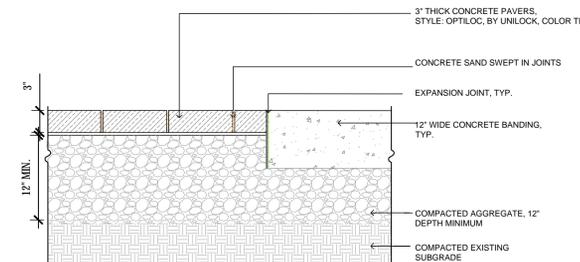
- NOTES:**
1. PLANT SPACING AS PER PLANTING PLAN AND PLANT SCHEDULE.
 2. REMOVE CONTAINER BEFORE PLANTING.

9 LANDSCAPE BED EDGE DETAIL NTS

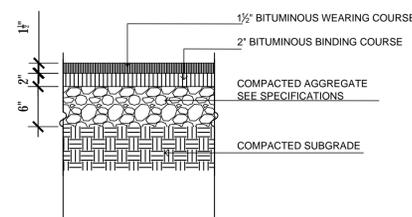


- NOTES:**
1. D = DIMENSION OF PLANT SPACING AS INDICATED ON PLANT LIST

10 PLANT SPACING DETAIL NTS



11 VEHICULAR PAVER DETAIL NTS



12 ASPHALT PATH DETAIL NTS



RES, LLC.
33 North Dearborn St. Suite 320
Chicago, IL 60602
www.res.us

Caroline Heights
Village of Elm Grove, Wisconsin

Meredith Group
1000 North Avenue
Suite 800 South
Milwaukee, WI 53202

RES Proj. #:	104753
Designed By:	RNR
Drawn By:	MDU
Checked By:	RNR
Coordinate System:	NAD 83, WI SP South, US Foot
File:	104753 SSND TREE SHRUB PLNT.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

DATED: MARCH 30, 2022

SHEET TITLE

Landscape
Details

SHEET NUMBER

L-9



RES, LLC.

33 North Dearborn St. Suite 320
Chicago, IL 60602
www.res.us

© 2023. All design, concepts, details, etc. are the property of Resourc
Environmental Solutions, LLC. RES and may not be duplicated, photocopied or
reproduced without the written consent of RES, LLC.

Caroline Heights
Village of Elm Grove, Wisconsin

Mendel Group
10000 W. Center Avenue
Suite 600 South
Milwaukee, WI 53202

RES Proj. #: 104753
Designed By: RNR
Drawn By: MDU
Checked By: RNR
Coordinate System: NAD 83, WI SP South, US Foot
File: 104753 SSND TREE SHRUB PLNT.dwg

REVISIONS		
Date	Description	Revision
08/12/2022	50% CONSTRUCTION DOCUMENTS	
09/30/2022	75% CONSTRUCTION DOCUMENTS	
02/21/2023	REVISED	

STAMPED

DATED: MARCH 30, 2022

SHEET TITLE

Landscape
Planting
Schedules

SHEET NUMBER

L-10

EMERGENT SEED MIX (1.2 AC)

Scientific name	Common Name
Grasses and Sedges:	
<i>Andropogon gerardii</i>	Big bluestem
<i>Bromus ciliatus</i>	Fringed brome
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex comosa</i>	Bristly sedge
<i>Carex scoparia</i>	Pointed broom sedge
<i>Carex vulpinoidea</i>	Brown fox sedge
<i>Carex stipata</i>	Common fox sedge
<i>Elymus canadensis</i>	Canada wild rye
<i>Elymus virginicus</i>	Virginia wild rye
<i>Eleocharis obtusa</i>	Blunt spike rush
<i>Eleocharis erythropoda</i>	Red rooted spike rush
<i>Glyceria striata</i>	Fowl mana grass
<i>Juncus dudleyi</i>	Dudley's rush
<i>Juncus effusus</i>	Common Rush
<i>Juncus torreyi</i>	Torrey's rush
<i>Leersia oryzoides</i>	Rice cut grass
<i>Panicum virgatum</i>	Switch grass
<i>Scirpus atrovirens</i>	Dark green rush
<i>Scirpus cyperinus</i>	Wool grass
<i>Spartina pectinata</i>	Prairie cord grass
Forbs:	
<i>Alisma subcordatum</i>	Water plantain
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens cernua</i>	Swamp bur marigold
<i>Boltonia asteroides</i>	False aster
<i>Cacalia plantaginea</i>	Prairie Indian Plantain
<i>Coreopsis tripteris</i>	Tall coreopsis
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Euthamia graminifolia</i>	Grass-leaved goldenrod
<i>Eutrochium maculatus</i>	Spotted Joe-Pye weed
<i>Eupatorium perfoliatum</i>	Common boneset
<i>Helenium autumnale</i>	Sneezeweed
<i>Liatris spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lycopus americanus</i>	Water horehound
<i>Lythrum alatum</i>	Winged loosestrife
<i>Mimulus ringens</i>	Monkey flower
<i>Mentha arvensis</i>	Wild mint
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Penthorum sedoides</i>	Ditch stonecrop
<i>Physostegia virginiana</i>	False dragonhead
<i>Pycnanthemum virginianum</i>	Common mountain mint
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Senna hebecarpa</i>	Wild senna
<i>Symphotrichum lanceolatum</i>	Panicled aster
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Teucrium canadense</i>	Germander
<i>Verbena hastata</i>	Blue vervain
<i>Veronica fasciculata</i>	Common ironweed
<i>Veronicastrum virginiana</i>	Culver's root
<i>Zizia aurea</i>	Golden Alexanders

WET-MESIC PRAIRIE SEED MIX (2.1 AC)

Scientific name	Common Name
Grasses and Sedges:	
<i>Andropogon gerardii</i>	Big bluestem
<i>Bromus ciliatus</i>	Fringed brome
<i>Calamagrostis canadensis</i>	Blue joint grass
<i>Carex comosa</i>	Bristly sedge
<i>Carex scoparia</i>	Pointed broom sedge
<i>Carex vulpinoidea</i>	Brown fox sedge
<i>Carex stipata</i>	Common fox sedge
<i>Elymus canadensis</i>	Canada wild rye
<i>Elymus virginicus</i>	Virginia wild rye
<i>Eleocharis obtusa</i>	Blunt spike rush
<i>Eleocharis erythropoda</i>	Red rooted spike rush
<i>Glyceria striata</i>	Fowl mana grass
<i>Juncus dudleyi</i>	Dudley's rush
<i>Juncus effusus</i>	Common Rush
<i>Juncus torreyi</i>	Torrey's rush
<i>Leersia oryzoides</i>	Rice cut grass
<i>Panicum virgatum</i>	Switch grass
<i>Scirpus atrovirens</i>	Dark green rush
<i>Scirpus cyperinus</i>	Wool grass
<i>Spartina pectinata</i>	Prairie cord grass
Forbs:	
<i>Alisma subcordatum</i>	Water plantain
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens cernua</i>	Swamp bur marigold
<i>Boltonia asteroides</i>	False aster
<i>Cacalia plantaginea</i>	Prairie Indian Plantain
<i>Coreopsis tripteris</i>	Tall coreopsis
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Euthamia graminifolia</i>	Grass-leaved goldenrod
<i>Eutrochium maculatus</i>	Spotted Joe-Pye weed
<i>Eupatorium perfoliatum</i>	Common boneset
<i>Helenium autumnale</i>	Sneezeweed
<i>Liatris spicata</i>	Marsh blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lycopus americanus</i>	Water horehound
<i>Lythrum alatum</i>	Winged loosestrife
<i>Mimulus ringens</i>	Monkey flower
<i>Mentha arvensis</i>	Wild mint
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Penthorum sedoides</i>	Ditch stonecrop
<i>Physostegia virginiana</i>	False dragonhead
<i>Pycnanthemum virginianum</i>	Common mountain mint
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Senna hebecarpa</i>	Wild senna
<i>Symphotrichum lanceolatum</i>	Panicled aster
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Teucrium canadense</i>	Germander
<i>Verbena hastata</i>	Blue vervain
<i>Veronica fasciculata</i>	Common ironweed
<i>Veronicastrum virginiana</i>	Culver's root
<i>Zizia aurea</i>	Golden Alexanders

MESIC PRAIRIE SEED MIX (4.85 AC)

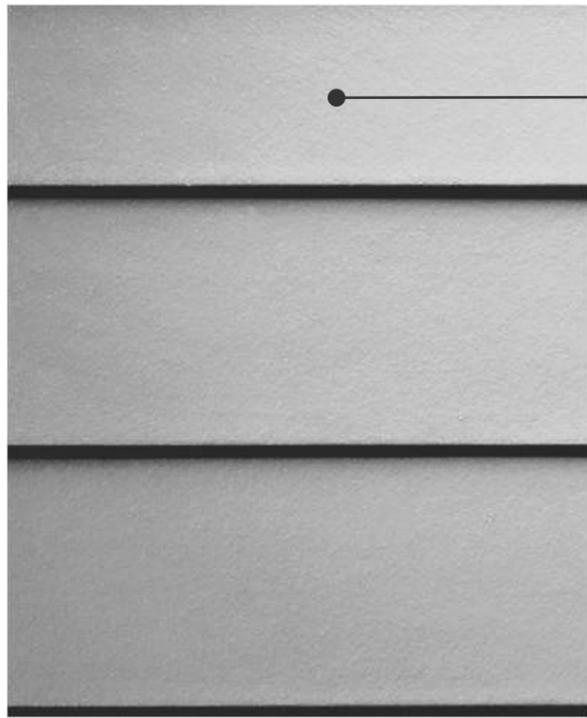
Scientific name	Common Name
Grasses & Sedges:	
<i>Bouteloua curtipendula</i>	Side oats grama
<i>Carex bicknellii</i>	Copper shouldered sedge
<i>Panicum virgatum</i>	Switch grass
<i>Schizachyrium scoparium</i>	Little bluestem
Total Grasses	
Forbs:	
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Asclepias tuberosa</i>	Butterfly weed
<i>Coreopsis palmata</i>	Stiff coreopsis
<i>Echinacea pallida</i>	Pale purple coneflower
<i>Eryngium yuccifolium</i>	Rattlesnake master
<i>Liatris pycnostachya</i>	Prairie blazing star
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Monarda fistulosa</i>	Wild bergamot
<i>Oligoneuron riddellii</i>	Riddell's goldenrod
<i>Penstemon digitalis</i>	Foxglove beard tongue
<i>Petalostemum purpurea</i>	Purple prairie clover
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia subtomentosa</i>	Sweet black-eyed Susan
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Tradescantia ohiensis</i>	Spiderwort
Total Forbs	
Total All Species	
Temporary Cover Crop:	
<i>Elymus canadensis</i>	Canada wild rye
<i>Avena sativa</i>	Common oats

LAWN BLEND (4.03 AC)

Scientific name	Common Name
Grasses:	
<i>Festuca rubra commutata</i>	Chewings Fescue
<i>Festuca rubra</i>	Creeping Red Fescue
<i>Festuca ovina</i>	Hard Fescue
<i>Festuca glauca</i>	Blue Fescue

Symbol	QTY	SYM	Scientific Name	Common Name	Approx. Mature Size (in feet)		
					Height	Spread	
☉	103		CANOPY TREES		Height	Spread	
			ACS	Acer saccharum	Sugar Maple	40-80	30-60
			CAO	Carya ovata	Shagbark Hickory	70-90	50-70
			QAL	Quercus alba	White Oak	50-80	50-80
			QBI	Quercus bicolor	Swamp White Oak	50-60	50-60
			QMA	Quercus macrocarpa	Bur Oak	60-80	60-80
			QRU	Quercus rubra	Red Oak	50-75	50-75
			ACR	Acer rubrum	Red Maple	40-70	30-50
			CEO	Celtis occidentalis	Common Hackberry	40-60	40-60
			GYD	Gymnocladus dioica	Kentucky Coffeetree	60-80	40-55
PLO	Platanus occidentalis	American Sycamore	75-100	75-100			
TXD	Taxodium distichum	Baldcypress	50-70	20-45			
TIL	Tilia americana	American Linden	50-80	30-50			
☾	87		ORNAMENTAL TREES		Height	Spread	
			BEN	Betula nigra	River Birch	40-70	40-60
			BEP	Betula papyrifera	Paper Birch	50-70	25-50
			AML	Amelanchier laevis	Allegheny Serviceberry	15-40	15-40
			CRC	Carpinus caroliniana	American Hornbeam	20-35	20-35
			CEC	Cercis canadensis	Eastern Redbud	20-30	25-35
			COA	Cornus alternifolia	Pagoda Dogwood	15-25	20-35
			CCG	Crataegus crus-galli	Thornless Cockspur Hawthorn	25-35	25-35
			CTP	Crataegus punctata	Dotted Hawthorn	20-30	20-40
			OYV	Ostrya virginiana	Hophornbeam	25-40	20-30
☀	192		EVERGREEN TREES		Height	Spread	
			PCG	Picea glauca	White Spruce	40-60	10-20
			PIR	Pinus resinosa	Red Pine	50-80	20-25
			PIN	Pinus strobus	Eastern White Pine	50-80	20-40
			THO	Thuja occidentalis	American Arborvitae	40-60	10-15
			JUV	Juniperus virginiana	Eastern Red Cedar	30-65	8-25
			PGD	Picea glauca 'Densata'	Black Hills Spruce	20-40	10-15
			THF	Thuja occidentalis 'Fastigiata'	Pyramidal Arborvitae	10-15	3-5
			TOT	Thuja occidentalis 'Techny'	Techny Arborvitae	15-20	5-10

Symbol	QTY	SYM	Scientific Name	Common Name	Approx. Mature Size (in feet)		
					Height	Spread	
☉	479		DECIDUOUS SHRUBS		Height	Spread	
			COR	Cornus racemosa	Gray Dogwood	10-15	10-15
			HMV	Hamamelis virginiana	Common Witchhazel	15-20	15-20
			PHO	Physocarpus opulifolius	Eastern Ninebark	5-10	5-10
			RHG	Rhus glabra	Smooth Sumac	9-15	9-15
			STT	Staphylea trifolia	American Bladdernut	10-15	10-15
			VBL	Viburnum lentago	Nannyberry Viburnum	14-16	6-12
			VBP	Viburnum prunifolium	Blackhaw Viburnum	12-15	6-12
			CPO	Cephalanthus occidentalis	Buttonbush	5-12	4-8
			CYA	Corylus americana	American Hazelnut	10-16	8-13
			IXV	Ilex verticillata	Winterberry	3-12	3-12
			RAS	Rosa setigera	Prairie Rose	6-12	8-10
			SMC	Sambucus canadensis	Elderberry	8-10	8-10
			VBC	Viburnum cassinoides	Withered Viburnum	5-6	5-6
			AMS	Amelanchier stolonifera	Running Serviceberry	4-5	4-5
AAM	Aronia melanocarpa	Black Chokeberry	3-6	3-6			
HYK	Hypericum kalmianum	Kalm's St. Johnswort	2-3	2-3			
POF	Potentilla fruticosa	Bush Cinquefoil	2-4	2-4			
RHA	Rhus aromatica	Fragrant Sumac	3-8	6-8			
RGL	Rhus aromatica 'Gro-Low'	Grow Low Sumac	1.5-2	6-8			
☉	120		EVERGREEN SHRUBS		Height	Spread	
			JCD	Juniperus communis depressa	Oldfield Common Juniper	3-4	8-10
JHW	Juniperus horizontalis 'Wisconsin'	Wisconsin Creeping Juniper	0.5-1	5-8			
☀	524		ORNAMENTAL GRASSES		Height	Spread	
			BOC	Bouteloua curtipendula	Side oats grama	1.5-2	1.5-2
			CXB	Carex bicknellii	Oval Sedge	1-3	1-3
			DSC	Deschampsia cespitosa	Tufted Hair Grass	2-3	1-2
			PNV	Panicum virgatum	Switchgrass	3-6	2-3
			SZS	Schizachyrium scoparium	Little Bluestem	2-4	1.5-2
			SPH	Sporobolus heterolepis	Prairie Dropseed	2-3	2-3
			PERENNIALS (2' On Center, Typ.)		Height	Spread	
☀	15,000		ALC	Allium cernuum	Nodding onion	1-1.5	0.5-1
			ANP	Anemone patens	Pasque flower	0.5	0.5-1
			AST	Asclepias tuberosa	Butterfly milkweed	2-3	1.5-2
			CPP	Coreopsis palmata	Prairie coreopsis	2-3	1.5-2
			DAP	Dalea purpurea	Purple prairie clover	2-3	0.5-1
			DOM	Dodecatheon meadia	Shooting star	1-1.5	0.5-1
			ECP	Echinacea pallida	Pale purple coneflower	2-3	1-1.5
			EPU	Echinacea purpurea	Purple coneflower	3-4	1.5-2
			ERY	Eryngium yuccifolium	Rattlesnake master	3-4	1.5-2
			GEU	Geum triflorum	Prairie smoke	1-1.5	1-1.5
			LIP	Liatris pycnostachya	Prairie blazing star	4-6	1.5-2
			PED	Penstemon digitalis	Foxglove beardtongue	1.5-2	1.5-2
			PXP	Phlox pilosa	Downy prairie phlox	1.5-2	0.5-1
			RUH	Ruellia humilis	Wild petunia	1-1.5	1.5-2
			SYO	Symphotrichum oolentangiense	Sky blue aster	2-3	1-2



THICKNESS:	0.312"	
LENGTH:	144" boards	
WIDTHS:	9.25"	6.25"
EXPOSURES:	8"	5"
	5.25"	7.25"
	4"	6"
	8.25"	
	7"	

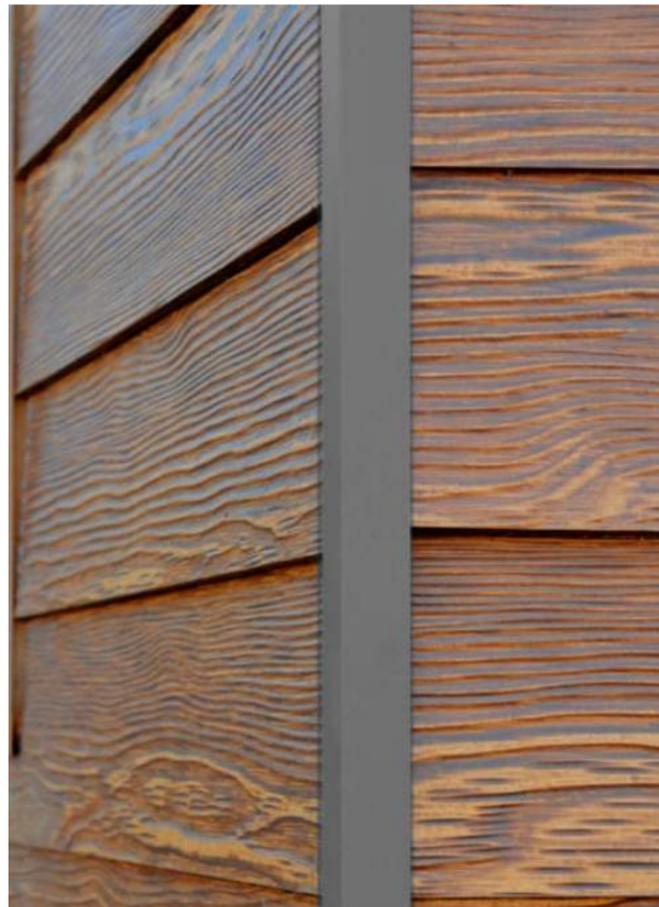
FIBER CEMENT LAP SIDING - JAMES HARDIE LAP SIDING - SMOOTH 6" EXPOSURE PAINTED FINISH - BENJAMIN MOORE CLOUD COVER (TRIM PAINTED TO MATCH)



NATURAL STONE - LEMKE STONE SAWED LANNON BUFF SPLITFACE W/ SAWED RUSTIC GOLD

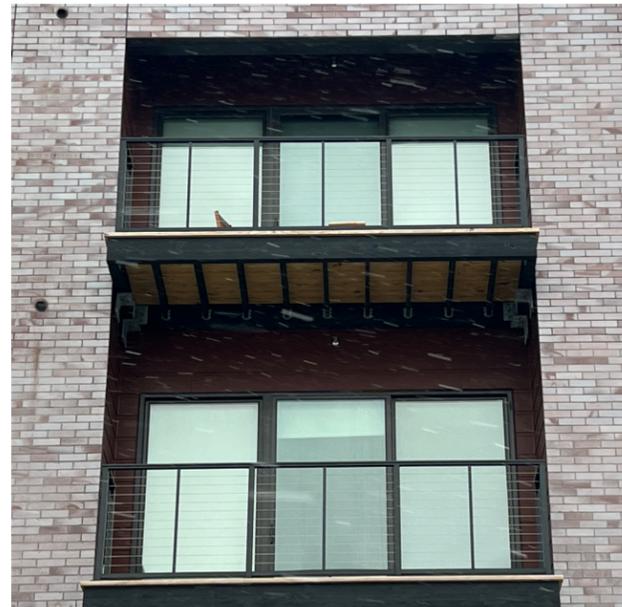


ASPHALT SHINGLES - CETAINTEED LANDMARK WEATHERED WOOD



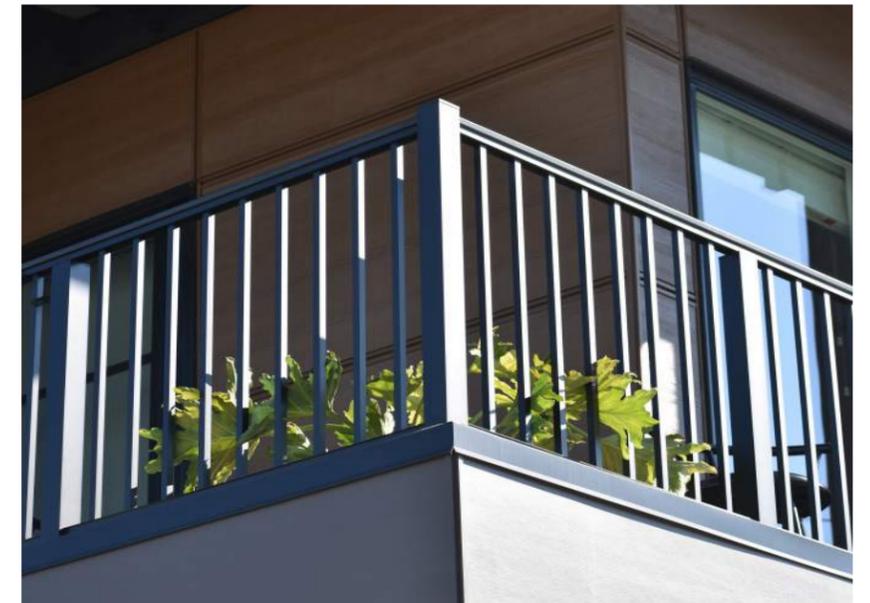
MARVIN ESSENTIAL FIBERGLASS WINDOWS
BLACK EXTERIOR FINISH
NO GRILLES

WOOD LOOK COMPOSITE SIDING - WOODTONE RUSTICSERIES LAP SIDING COLOR - OLD CHERRY (TRIM CORDOVAN BROWN)



UNIT BALCONY DECKING - PRESSURE TREATED 2X6 4X10 WOOD FRAME AT PERIMETER

UNIT PATIO MATERIAL - STAINED AND SCORED CONCRETE



BALCONY RAILING - SUPERIOR ALUMINUM PRODUCTS SERIES 9P - BLACK

SSND ELM GROVE - NEW CONSTRUCTION MATERIALS

PRELIMINARY MATERIAL LIST. SUBJECT TO AVAILABILITY AND/OR EQUIVALENTS



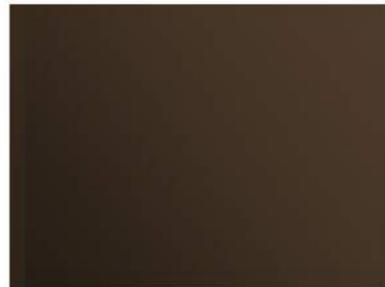
METAL PANEL - CITADEL ENVELOPE 2000 METAL PANELS
COLOR - CLASSIC BRONZE



Classic Bronze



Medium Bronze Anodized



Dark Bronze Anodized



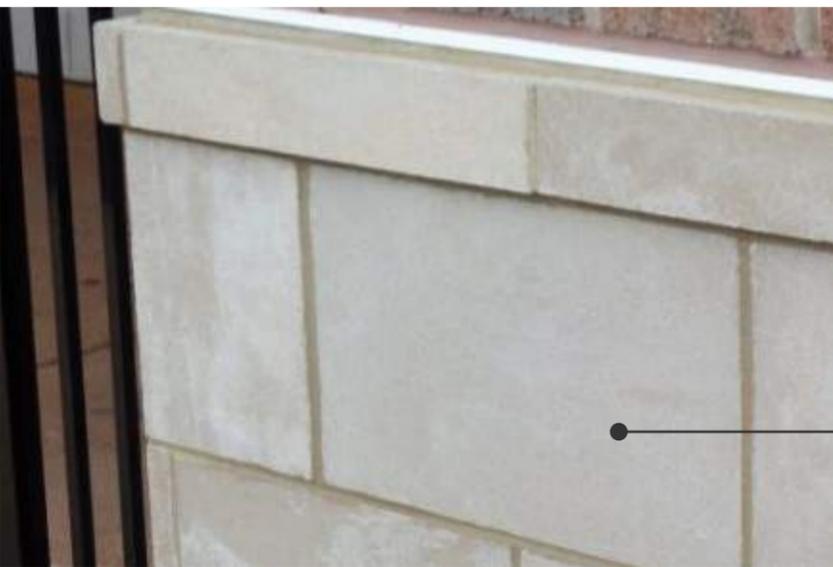
BRICK - GLEN GARY DOLOMITE GREY WIRECUT
BRICK



MARVIN ESSENTIAL FIBERGLASS
WINDOWS
BLACK EXTERIOR FINISH
NO GRILLES



EXISTING MARIA HALL STONE/BRICK COMPARISON



STONE - READING ROCK - ROCKCAST ARCHITECTURAL
STONE COLOR - BUFFSTONE



Riesling



Buffstone

SSND ELM GROVE - MARIA HALL ADDITION MATERIALS

PRELIMINARY MATERIAL LIST. SUBJECT TO AVAILABILITY AND/OR EQUIVALENTS



BOLLARD - LUMINIS ECLIPSE MAXI EC830
COLOR: BLACK



POLE - LUMINIS ECLIPSE MAXI EC813
COLOR: BLACK



SWING GATE AT EMERGENCY SECONDARY ENTRY - LOGO TBD



WALK-UP UNIT LIGHTING: BASELIGHT
MODEL NO.: SBH08.44.WM24.60INC
COLOR: BLACK



EMERGENCY LANE PAVERS - UNILOCK OPTILOC PAVER -
COLOR SIERRA



RETAINING WALL B1/B2 NEAR GARAGE:
KEYSTONE VALERA WALL

SSND ELM GROVE - SITE MATERIALS