

PLANT SCHEDULE							
DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	AM	5	ACER MIYABEI 'MORTON' / STATE STREET™ MIYABE MAPLE	2.5" CAL.	B&B		
	AF	2	ACER X FREEMANII 'JEFFSRED' / AUTUMN BLAZE MAPLE	2.5" CAL.	B&B		
	GD	5	GYMNOCLADUS DIOICA 'ESPRESSO' / KENTUCKY COFFETREE	2.5" CAL.	B&B		
	PT	6	POPULUS TREMULOIDES / QUAKE ASPIEN	2.5" CAL.	B&B	SINGLE LEADER, WELL BRANCHED	
	QM	5	QUERCUS MUEHLENBERGII / CHINKAPIN OAK	2.5" CAL.	B&B		
	TA	3	TILIA AMERICANA / AMERICAN LINDEN	2.5" CAL.	B&B		
	TC	2	TILIA CORDATA 'GREENSPIRE' / GREENSPIRE LITTLELEAF LINDEN	2.5" CAL.	B&B		
EVERGREEN TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	JV	2	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	6" HT.	CONT.		
ORNAMENTAL TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	AG	6	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' / AUTUMN BRILLIANCE APPLE SERVICEBERRY	2" CAL.	B&B		
	CK	1	CLADRASIS KENTUKEA / AMERICAN YELLOWWOOD	2" CAL.	B&B		
	MH	2	MALUS X 'HARGOZAM' TM / HARVEST GOLD CRAB APPLE	2" CAL.	B&B		
	PM	3	PRUNUS MAACKII / AMUR CHOKECERRY	2" CAL.	B&B		
DECIDUOUS SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	DL	55	DIERVELA LONICERA / DWARF BUSH HONEYSUCKLE	#5	CONT.	SPACE 3'-0" O.C.	
	HP	30	HYDRANGEA PANICULATA 'ILVOBO' / BOBO HYDRANGEA	#5	CONT.	SPACE 3'-0" O.C.	
	SS	87	SORBARIA SORBIFOLIA 'SMNSSC' / MR MUSTARD FALSE SPIREA	#2	CONT.	SPACE 3'-0" O.C.	
	SG	20	SPIRAEA JAPONICA 'GOLDMOUND' / GOLDMOUNT SPIREA	#5	CONT.	SPACE 2'-6" O.C.	
	SB	12	SPIRAEA X BUMALDA 'GOLDFLAME' / GOLDFLAME SPIREA	#5	CONT.	SPACE 3'-0" O.C.	
	WS	17	WEIGELA FLORIDA 'BOKRASOPIN' / SONIC BLOOM® PINK WEIGELA	#5	CONT.	SPACE 3'-0" O.C.	
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	JS	21	JUNIPERUS SABINA 'BROADMOOR' / BROADMOOR JUNIPER	#5	CONT.	SPACE 3'-6" O.C.	
	JO	44	JUNIPERUS VIRGINIANA 'GREY OWL' / EASTERN REDCEDAR	#5	CONT.	SPACE 3'-6" O.C.	
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	NOTES	REMARKS
	SM1	13,563 SF	NATIVE SEED MIX TYPE 1	SEED		10 LBS PER ACRE, SEE SPECIFICATIONS	
	SP	834 SF	SPOROBOLUS HETEROLEPIS / PRAIRIE DROPSSEED	#1	CONT.	SPACE 2'-6" O.C.	
	SOD	14,995 SF	TURF	SOD			

SITE MATERIALS SCHEDULE							
EDGING	EDGING	QTY	DETAIL	MATERIAL PROFILE/ASSEMBLY	COLOR/FINISH	COMMENTS	
ED-01	EDGER	632 LF	5/L500	3/16" METAL LANDSCAPE EDGING	BLACK	WITH 15" STAKES	
MINERAL MULCH							
SYMBOL	DESCRIPTION	QTY	DETAIL	MATERIAL PROFILE/ASSEMBLY	MANUFACTURER	PRODUCT/MODEL	COLOR/FINISH
MM-01	DRESSER TRAP ROCK	2,069 SF		2 1/2" DRESSER TRAP ROCK 4" DEPTH OVER NON WOVEN FILTER FABRIC	DRESSER	2-1/2" DIA. WASHED	DRESSER GREY TRAP ROCK

## SITE AND LANDSCAPE NOTES

### SITE PREPARATION NOTES

1. CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.
2. CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
3. CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND MATERIALS SUPPLIED.
4. CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING CONSTRUCTION OPERATIONS. DAMAGE TO SAME SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION BEGINS (MINIMUM 10' CLEARANCE).
6. CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.
7. UNDERGROUND UTILITIES SHALL BE INSTALLED SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF EXISTING TREES TO REMAIN.
8. EXISTING CONTOURS, TRAILS, VEGETATION, CURB/GUTTER AND OTHER ELEMENTS ARE BASED UPON INFORMATION SUPPLIED TO THE LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.
9. HORIZONTAL AND VERTICAL ALIGNMENT OF PROPOSED WALKS, TRAILS OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. CHANGES IN ALIGNMENT AND GRADES MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO IMPLEMENTATION.
10. CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
11. CONTRACTOR RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY INSTALLED MATERIALS UNTIL TIME OF SUBSTANTIAL COMPLETION. REPAIR OF ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO SUBSTANTIAL COMPLETION SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
12. EXISTING TREES OR SIGNIFICANT SHRUB MASSINGS FOUND ON SITE SHALL BE PROTECTED AND SAVED UNLESS NOTED TO BE REMOVED OR ARE LOCATED IN AN AREA TO BE GRADED. QUESTIONS REGARDING EXISTING PLANT MATERIAL SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
13. EXISTING TREES TO REMAIN, UPON DIRECTION OF LANDSCAPE ARCHITECT, SHALL BE FERTILIZED AND PRUNED TO REMOVE DEAD WOOD, DAMAGED AND RUBBING BRANCHES.
14. CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN REQUEST FOR THE SUBSTANTIAL COMPLETION INSPECTION OF LANDSCAPE AND SITE IMPROVEMENTS PRIOR TO SUBMITTING FINAL PAY REQUEST.
15. CONTRACTOR SHALL PREPARE AND SUBMIT REPRODUCIBLE AS-BUILT DRAWING(S) OF LANDSCAPE INSTALLATION, IRRIGATION AND SITE IMPROVEMENTS UPON COMPLETION OF CONSTRUCTION INSTALLATION AND PRIOR TO SUBSTANTIAL COMPLETION.
16. SYMBOLS ON PLAN DRAWING TAKE PRECEDENCE OVER SCHEDULES IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS AND DETAILS TAKE PRECEDENCE OVER NOTES.

### SOIL TESTING

1. CONTRACTOR SHALL OBTAIN A SOIL SAMPLE(S) FROM PROJECT SITE AND/OR SALVAGED TOPSOIL STOCKPILE AND SUBMIT TO INDEPENDENT TESTING AGENCY. ANALYSIS AND RECOMMENDATIONS FOR (INCLUDING BUT NOT LIMITED TO) MACRONUTRIENTS, MICRONUTRIENTS, COMPOSITION AND SOLUBLE SALTS SHALL BE PROVIDED.

2. CONTRACTOR SHALL PROVIDE TWO SERIES OF TESTS: FIRST, PRIOR TO CONSTRUCTION; SECOND, AFTER SOIL IS AMENDED, PRIOR TO PLANTING.

3. CONTRACTOR SHALL PROVIDE ANALYSIS RESULTS AND RECOMMENDATIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO SOIL AMENDMENT AND PRIOR TO PLANTING.

### GRADING

1. ROUGH GRADING AND FINISHED GRADING TO BE DONE BY OTHERS EXCEPT WHERE NOTED.
2. GRADING LIMITS ARE DEFINED AS THE JUNCTURE OF PROPOSED GRADE WITH EXISTING GRADE UNLESS NOTED OTHERWISE.
3. GRADING LIMITS AND LIMITS OF WORK SHOWN ON PLAN ARE ONLY APPROXIMATE AND MAY BE ADJUSTED IN FIELD BY LANDSCAPE ARCHITECT. WORK OUTSIDE OF THESE LIMITS WILL BE DONE AT LANDSCAPE CONTRACTORS EXPENSE UNLESS DIRECTED BY LANDSCAPE ARCHITECT OR OWNER IN WRITING.
4. FILL/CUT AS NECESSARY TO PROVIDE A 1% MINIMUM GRADE AWAY FROM BUILDINGS WITHIN LIMITS OF CONSTRUCTION.
5. SALVAGE TOPSOIL FROM THE EARTHWORK AREAS AS APPROPRIATE OR AS INDICATED ON PLANS AND STOCKPILE FOR REUSE.
6. MAINTAIN A UNIFORM GRADE BETWEEN CONTOURS IN AREAS TO BE GRADED UNLESS NOTED OTHERWISE.
7. ELEVATIONS, IF SHOWN ARE FINISHED ELEVATIONS. SPOT ELEVATIONS TAKE PRECEDENCE OVER CONTOURS.
8. ADD EROSION CONTROL MEASURES IF GRADES GREATER THAN 3:1 OR IF CONDITIONS WARRANT. REFER TO MNDOT SPECIFICATIONS FOR EROSION CONTROL.
9. CONTRACTOR SHALL CONTACT PUBLIC UTILITIES FOR LOCATION OF UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. LANDSCAPE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE IF DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL PROVIDE PROPER EROSION CONTROL MEASURES AS REQUIRED TO ENSURE THAT EROSION IS KEPT TO AN ABSOLUTE MINIMUM.
11. PROVIDE TEMPORARY COVERING FOR CATCH BASINS AND MAN HOLES UNTIL FINISHED GRADING IS COMPLETE.
12. CONTRACTOR SHALL CONSTRUCT DRAINAGE BASINS AS NEEDED.
13. PERIMETER SILT FENCE AND ROCK CONSTRUCTION ENTRANCES

SHALL BE INSTALLED PRIOR TO CONSTRUCTION. REFER TO STATE SPECIFICATIONS FOR AGGREGATE BASE AND SILT FENCE.

14. CONTRACTOR SHALL INSTALL CATCH BASIN EROSION CONTROL MEASURES PER LOCAL POLLUTION CONTROL AGENCY AND SPECIFICATIONS.

15. WITHIN TWO WEEKS OF FINISHED SITE GRADING, DISTURBED AREAS SHALL BE STABILIZED WITH SEED, SOD, MULCH OR ROCK BASE.

16. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES, INCLUDING THE REMOVAL OF ACCUMULATED SILT IN FRONT OF SILT FENCES AND EXCESS SEDIMENT IN PROPOSED CATCH BASINS, FOR THE DURATION OF CONSTRUCTION.

17. CONTRACTOR SHALL REMOVE EROSION CONTROL MEASURES AFTER VEGETATION IS ESTABLISHED AND DISPOSE OF OFF SITE.

18. CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE. UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK. IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN PLANTING AREAS.

### PLANTING

1. SPRING PLANT MATERIAL INSTALLATION IS FROM APRIL 15 TO JUNE 15.
2. FALL CONIFEROUS PLANTING IS ACCEPTABLE FROM AUGUST 21 TO SEPTEMBER 30.
3. FALL DECIDUOUS PLANTING IS ACCEPTABLE FROM AUGUST 15 UNTIL NOVEMBER 15.
4. ADJUSTMENTS TO PLANTING DATES MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.

5. STAKE PROPOSED PLANTING LOCATIONS PER PLAN FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALL.

6. PLANT MATERIAL SHALL COMPLY WITH THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1. UNLESS NOTED OTHERWISE, DECIDUOUS SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED HEIGHT. ORNAMENTAL TREES SHALL HAVE NO 'V' CROTTLES AND SHALL BEGIN BRANCHING NO LOWER THAN 3 FEET ABOVE THE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 6' ABOVE PAVED SURFACE.

7. INSTALL PLANT MATERIAL AFTER FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.

8. INSTALL PLANT MATERIALS PER PLANTING DETAILS.

9. SUBSTITUTION REQUESTS FOR PLANT MATERIAL TYPE & SIZE SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION PRIOR TO BIDDING. SUBSTITUTIONS AFTER BIDDING MUST BE APPROVED BY LANDSCAPE ARCHITECT AND ARE SUBJECT TO CONTRACT ADJUSTMENTS.

10. ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. LANDSCAPE ARCHITECT MUST BE NOTIFIED PRIOR TO ADJUSTMENT OF PLANTS.

11. FERTILIZE PLANT MATERIALS IN ACCORDANCE WITH SOIL TEST RECOMMENDATIONS. (FERTILIZE PLANT MATERIAL UPON INSTALLATION WITH DRIED BONE MEAL AND OTHER APPROVED FERTILIZER MIXED WITH THE PLANTING SOIL (PER THE MANUFACTURER'S INSTRUCTIONS) OR TREAT FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 10-0-5 OF 12 OZ. PER 2.5" CALIPER TREE AND 6 OZ. PER SHRUB WITH AN ADDITIONAL APPLICATION OF 10-0-10 THE FOLLOWING SPRING IN THE TREE SAUCER.)

12. INSTALL 18" DEPTH OF PLANTING SOIL IN AREAS RECEIVING GROUND COVER, PERENNIALS, AND ANNUALS. PLANTING SOIL SHALL CONSIST OF MNDOT 387-B MODIFIED TO CONTAIN A MAXIMUM OF 30% SAND, A PH OF 7.1 MAX, OR AS OTHERWISE SPECIFIED IN THE PROJECT SPECIFICATIONS MANUAL.

13. (TREE WRAPPING MATERIAL SHALL BE PAPER APPLIED FROM TRUNK FLARE TO FIRST BRANCH. WRAP SMOOTH-BARKED DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO DECEMBER 1 AND REMOVE WRAPPING AFTER MAY 1.) [DO NOT WRAP TREES.]

14. APPLY PRE-EMERGENT HERBICIDE (PREEN OR APPROVED EQUAL) IN ANNUAL, PERENNIAL, AND SHRUB BEDS FOLLOWED BY SHREDDED HARDWOOD MULCH. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING USE OF HERBICIDES.

### MULCHING

1. INSTALL 3" DEEP FINELY SHREDDED HARDWOOD MULCH RINGS AT CONIFEROUS & DECIDUOUS TREES WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.

2. INSTALL 3" DEEP FINELY SHREDDED HARDWOOD MULCH IN SHRUB PLANTING AREAS WITH NO MULCH IN DIRECT CONTACT WITH SHRUB STEMS.

3. INSTALL 2" DEEP FINELY SHREDDED MULCH IN PERENNIAL PLANTING BEDS. REMOVE ALL MULCH FROM STEMS OF PERENNIALS. PLANT STEMS SHOULD NOT BE IN DIRECT CONTACT WITH MULCH.

### WATERING

1. PLANTED MATERIALS SHALL BE WATERED BY TEMPORARY MEANS UNTIL PLANTS ARE ESTABLISHED.
2. TEMPORARY WATERING MEANS, METHODS, AND SCHEDULING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. REMOVE TEMPORARY WATERING EQUIPMENT UPON PLANT ESTABLISHMENT.

### WARRANTY

1. WARRANTY NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.

Architecture  
Planning

Dengler Associates, Inc.  
122 West Washington Ave., Ste. 100  
Madison, Wisconsin 53702  
Phone: 608.204.0777  
Fax: 608.204.0778

ISSUE  
CITY SUBMITTAL  
DF / DAMON FARBER  
LANDSCAPE ARCHITECTS  
310 South 4th Avenue, Suite 7050  
Minneapolis, MN 55415 p: 612.332.7

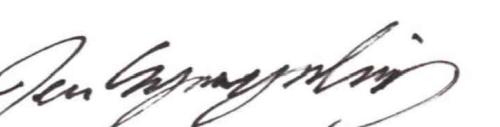
ISSUE  
CITY SUBMITTAL

**DF/ DAMON FARBER  
LANDSCAPE ARCHITECTS**  
310 South 4th Avenue, Suite 7050  
Minneapolis, MN 55415 p: 612.332.7522

PLANT SCHEDULE			
DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME
AM	5	1	ACER MIYABEI 'MORTON' STATE STREET™ MIYABE MAPLE
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PT	6	1	POPULUS TREMULOIDES QUAKING ASPEN
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TA	3	1	TILIA AMERICANA AMERICAN LINDEN
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	HP	30	HYDRANGEA PANICULATA 'ILVOBO' BOBO HYDRANGEA
	SS	87	SORBARIA SORBIFOLIA 'SMNNSC' MR MUSTARD FALSE SPIREA
	SG	20	SPIRAEA JAPONICA 'GOLDMOUNT' GOLDMOUNT SPIREA
	SB	12	SPIRAEA X BUMALDA 'GOLDFLAME' GOLDFLAME SPIREA
	WS	17	WEIGELA FLORIDA 'BOKRASPIN' SONIC BLOOM® PINK WEIGELA
EVERGREEN SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
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	JO	44	JUNIPERUS VIRGINIANA 'GREY OWL' EASTERN REDCEDAR
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
	SM1	13,563 SF	NATIVE SEED MIX TYPE 1
	SP	834 SF	SPOROBOLUS HETEROLEPIS PRAIRIE DROPSPEED
	SOD	14,995 SF	TURF

I hereby certify that this document 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 Wisconsin.

Name JESSE SYMNYKOWICZ  
Registration# 479-14



**PROJECT**  
Vogel Brothers  
Midwestern Wheels

2102 Darwin Road  
Madison, WI

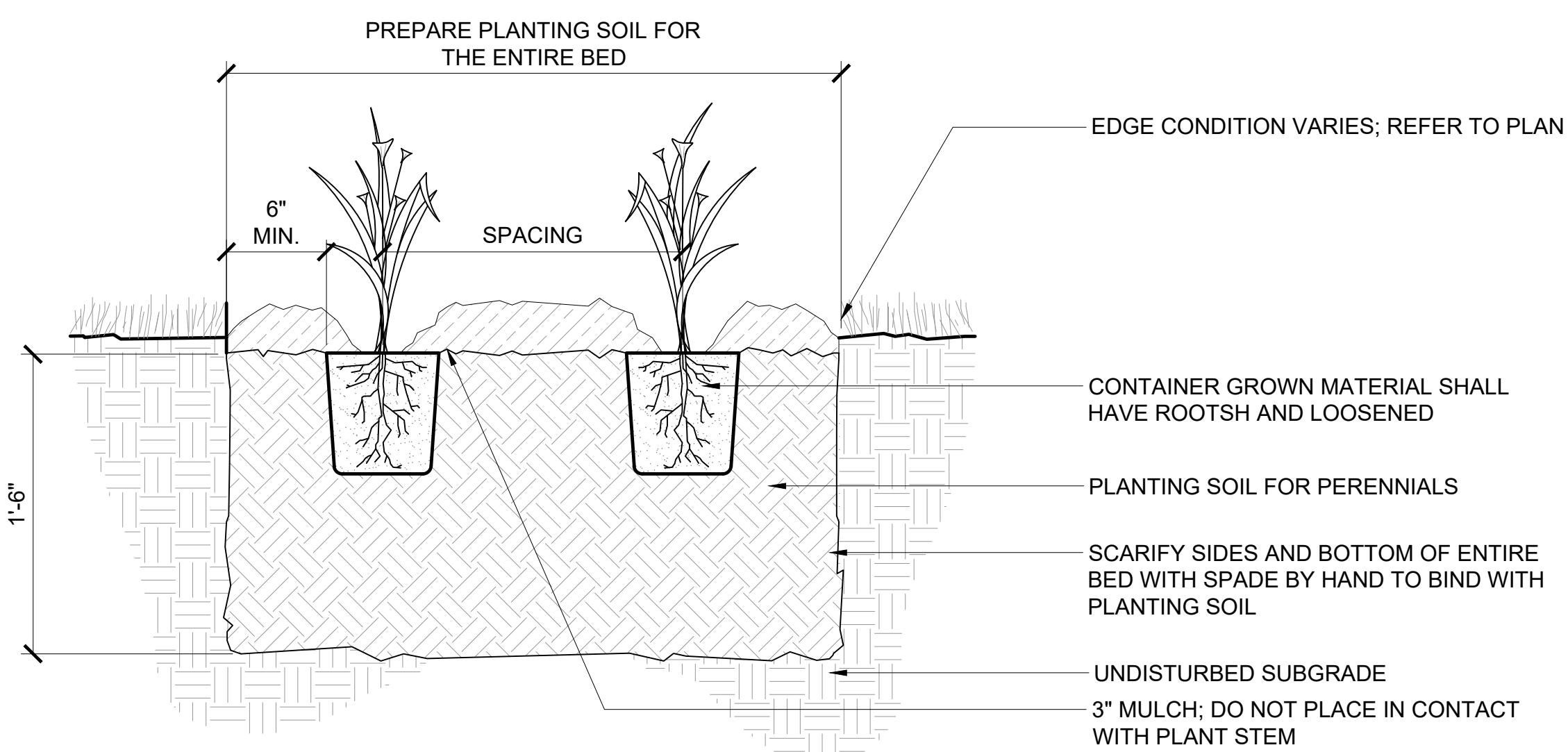
**PROJECT NO.**

**DRAWING**  
LANDSCAPE  
PLANTING PLAN

**DATE**  
07.27.23

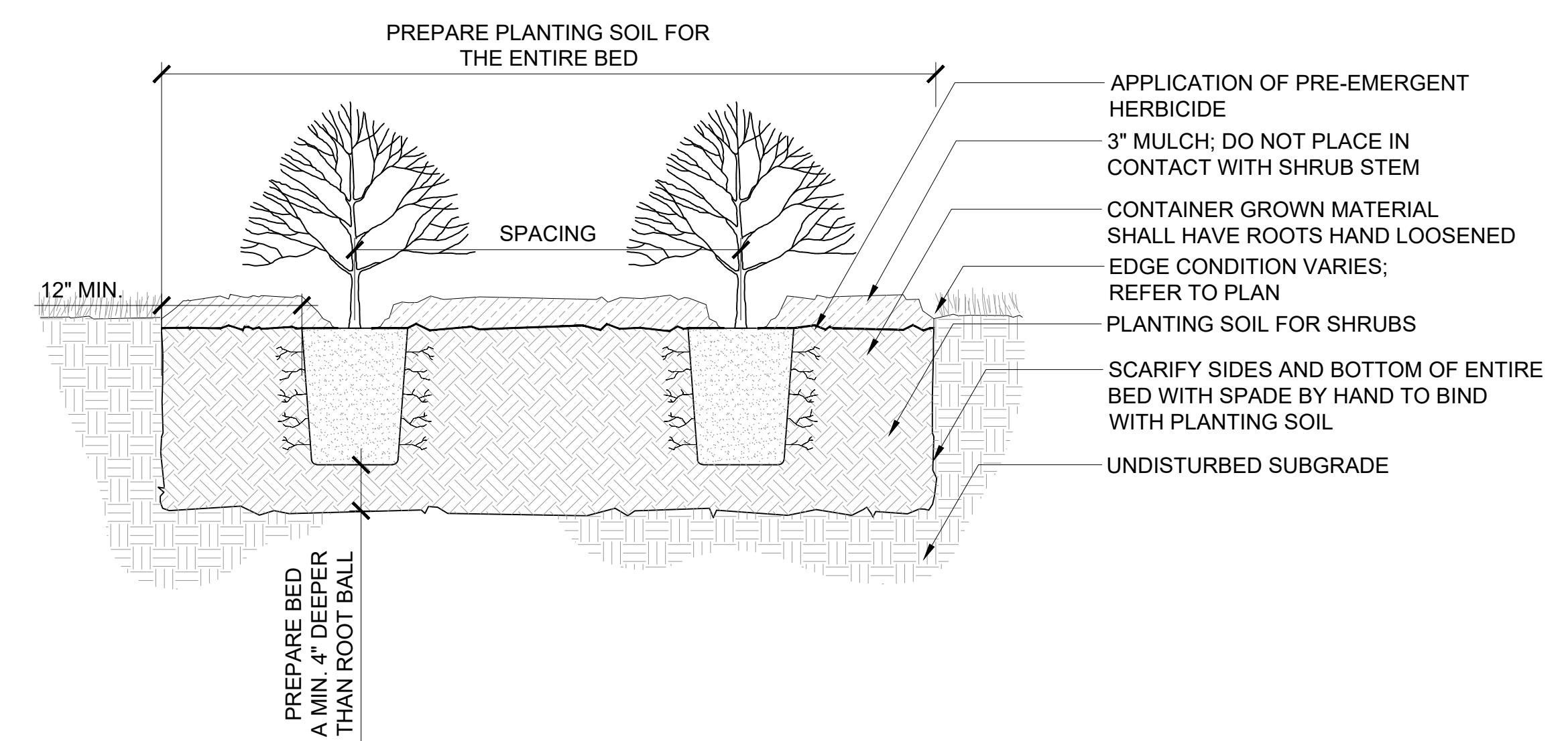
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NORTH

L110



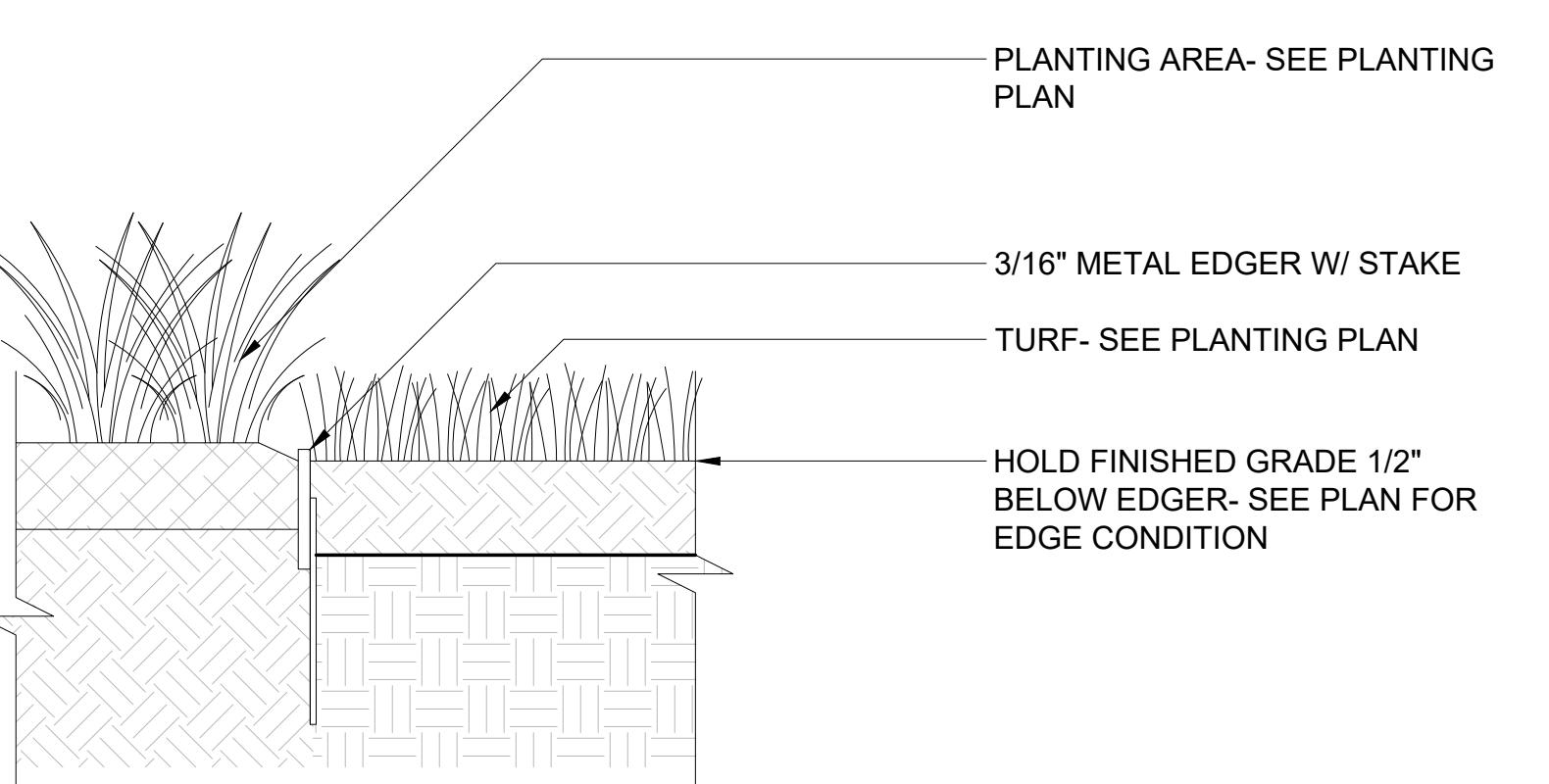
3 DETAIL - PERENNIAL PLANTING

P-23.215-04



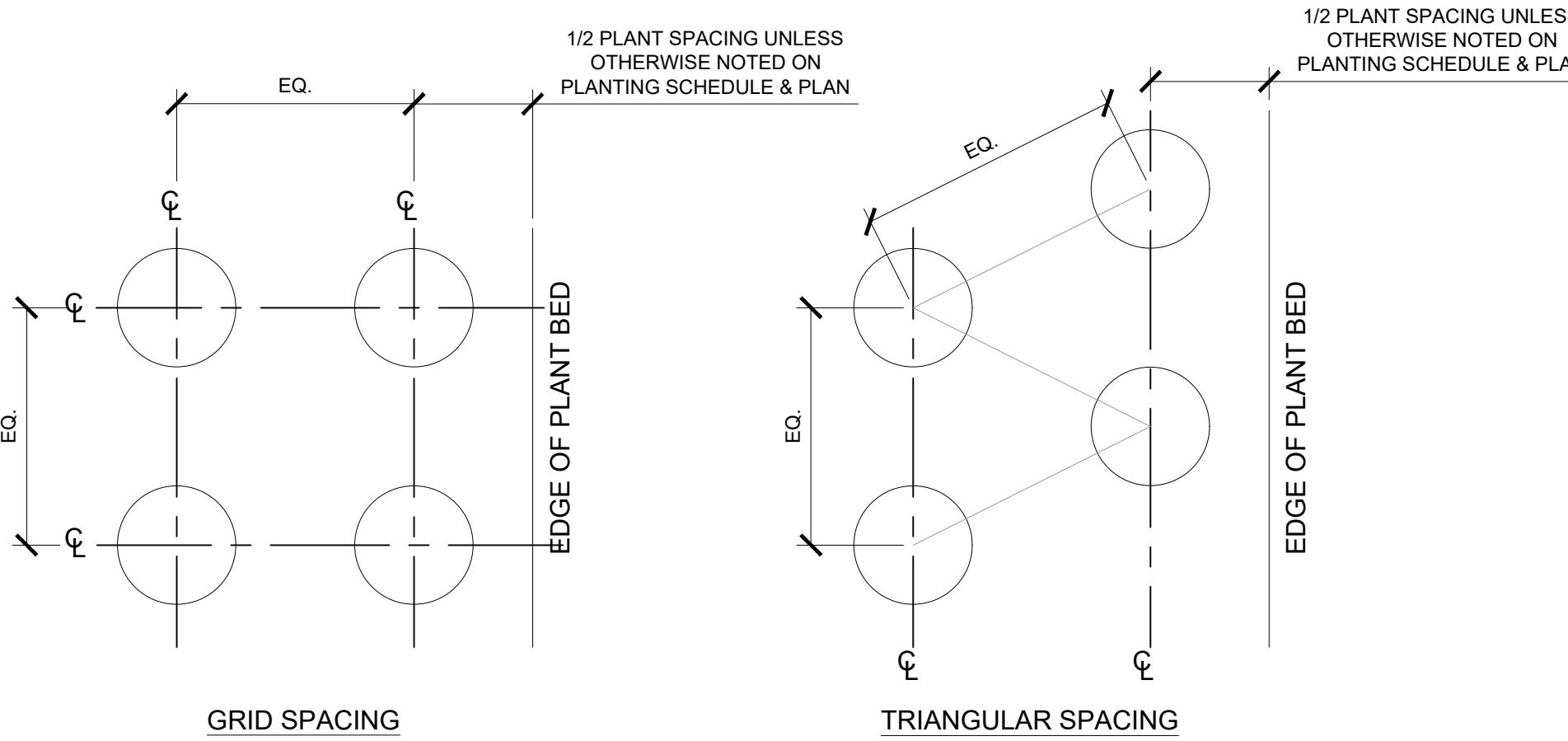
2 DETAIL - SHRUB PLANTING

P-23.215-02



5 DETAIL - STEEL EDGER

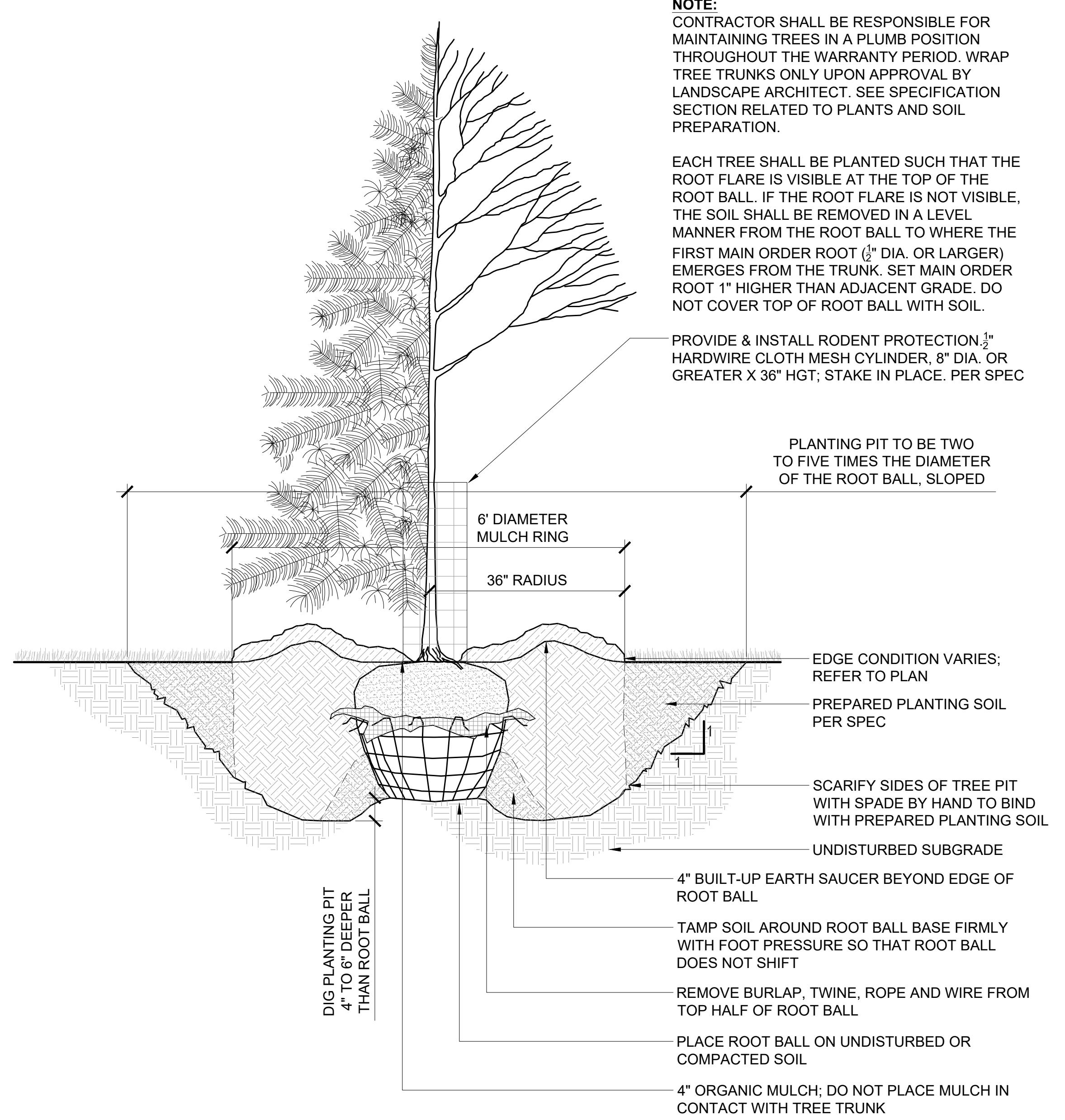
1 1/2" = 1'-0"



NOTE: REFER TO PLANTING SCHEDULE PLANT SPACING.

4 DETAIL - PLANT SPACING

3/4" = 1'-0"



1 DETAIL - TREE PLANTING

P-23.215-01

I hereby certify that this document 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 Wisconsin.

Name JESSE SYMNYKOWICZ  
Registration# 479-14PROJECT  
Vogel Brothers  
Midwestern Wheels2102 Darwin Road  
Madison, WI

PROJECT NO.

DRAWING  
PLANTING  
DETAILS

DATE

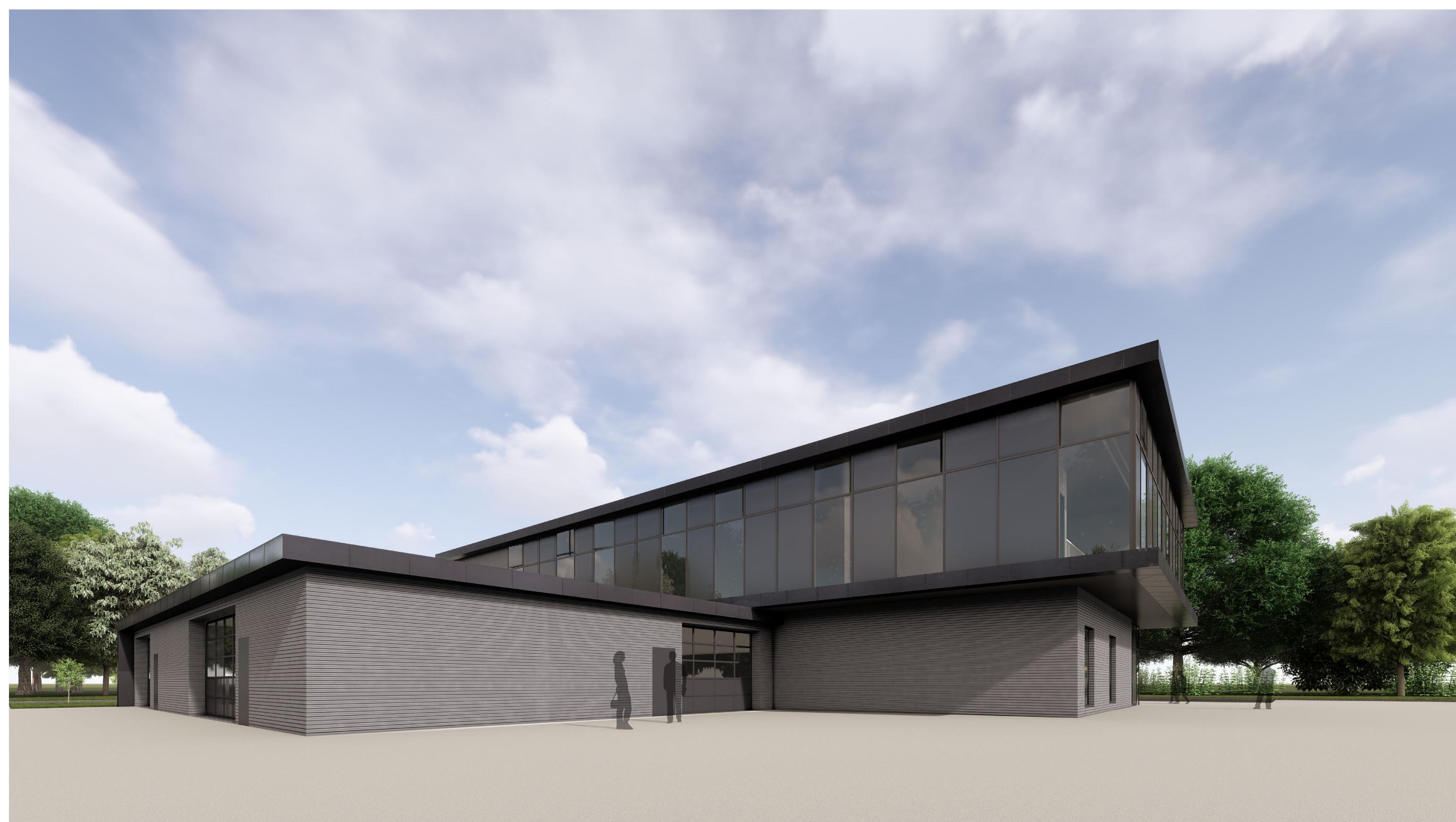
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① SOUTHWEST



② NORTHWEST



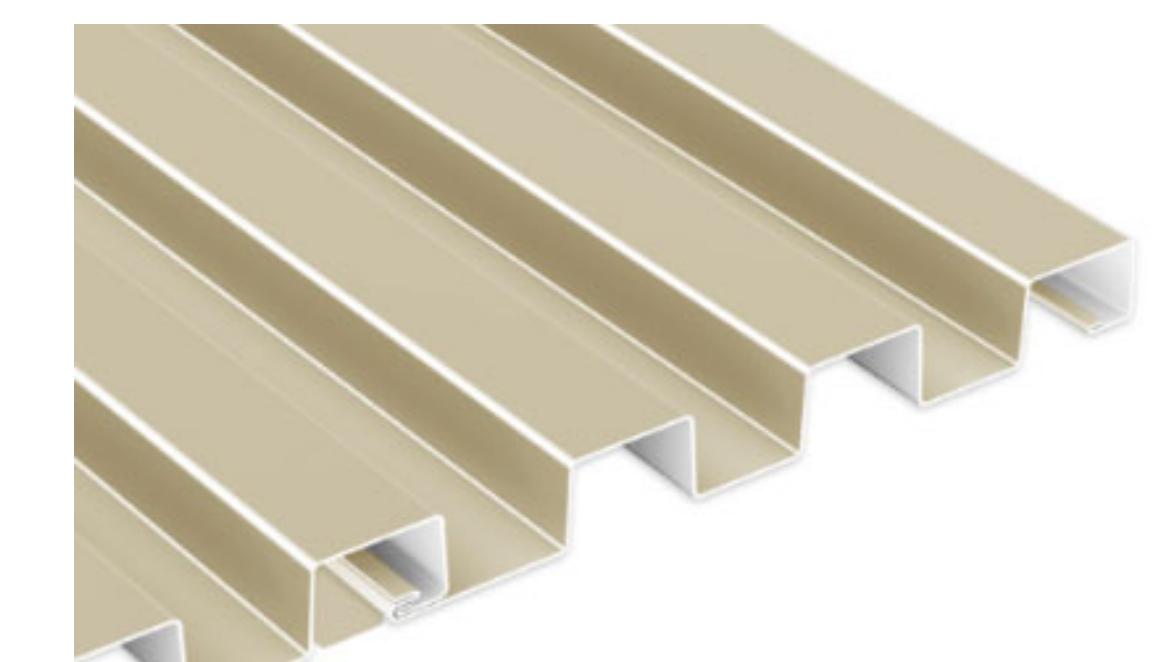
③ NORTHEAST



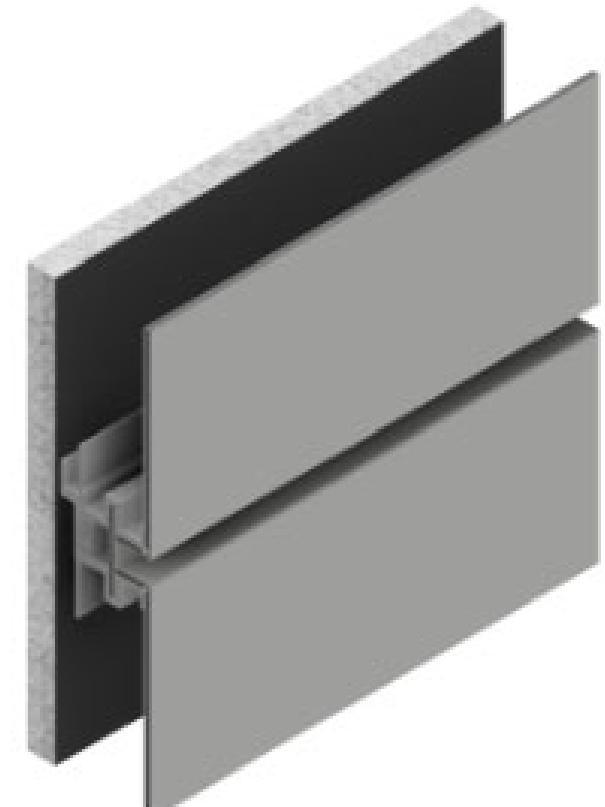
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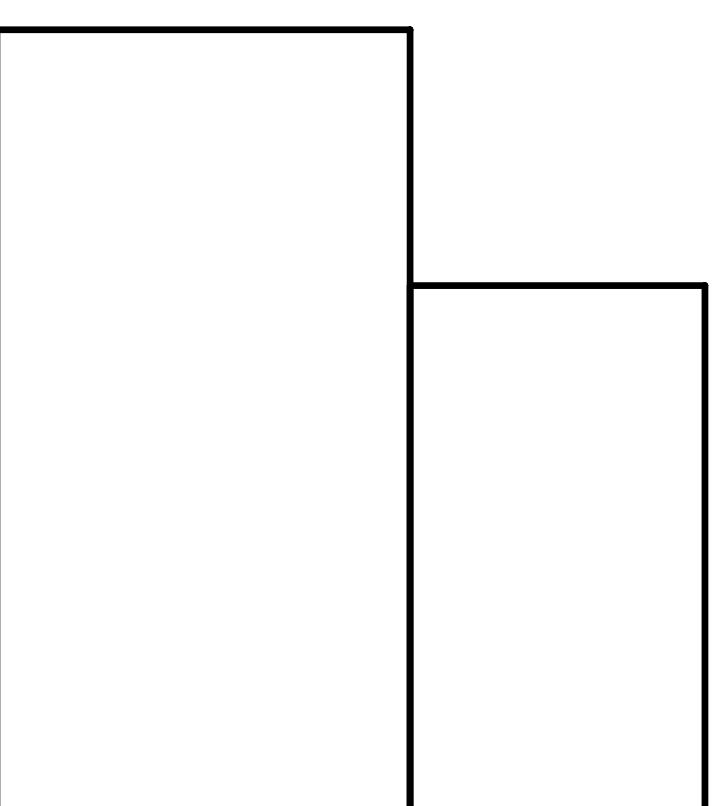
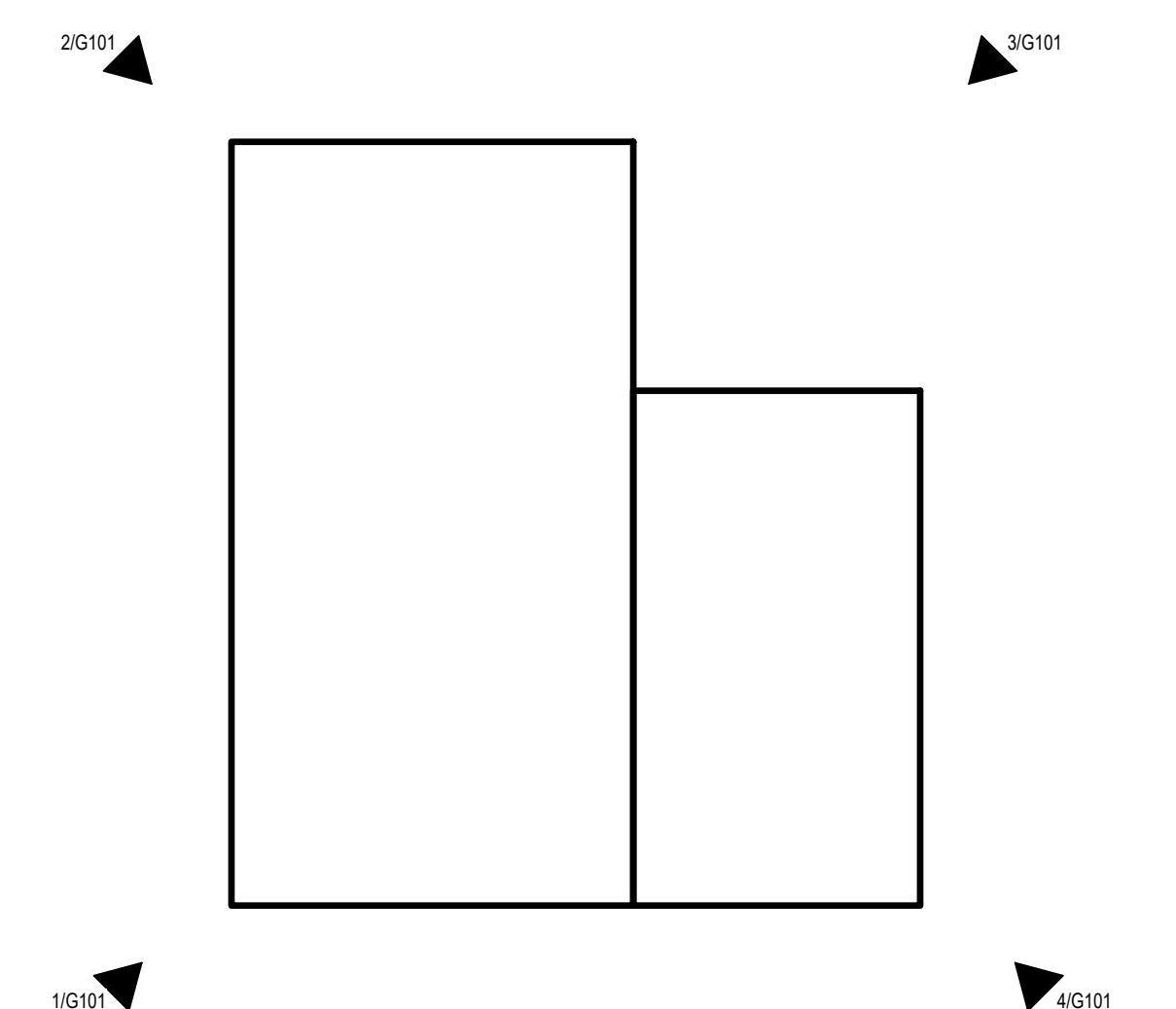
⑤ LOUVER



⑥ BOX RIB METAL PANEL

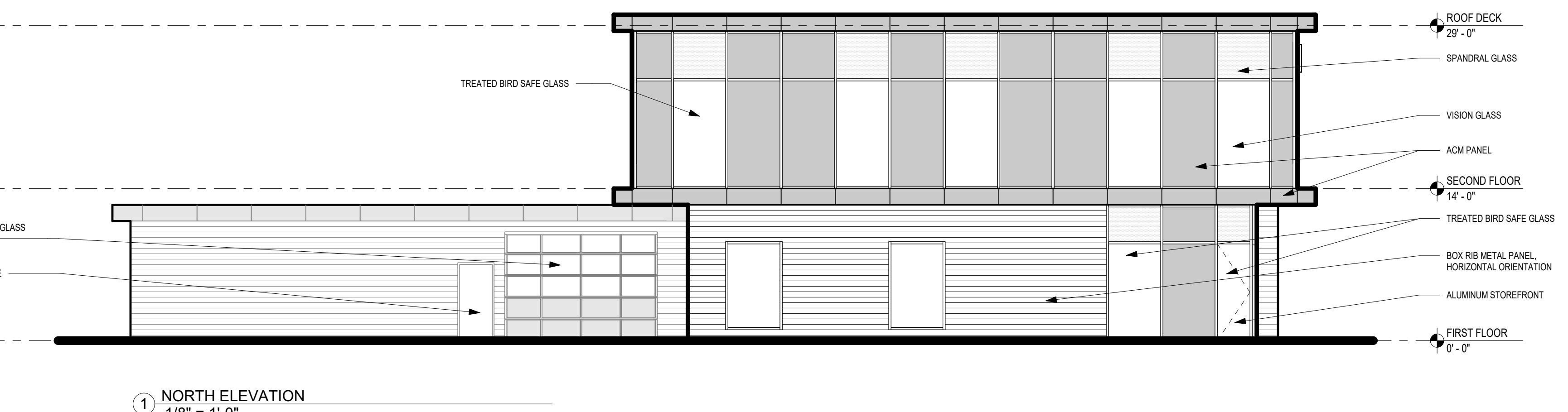
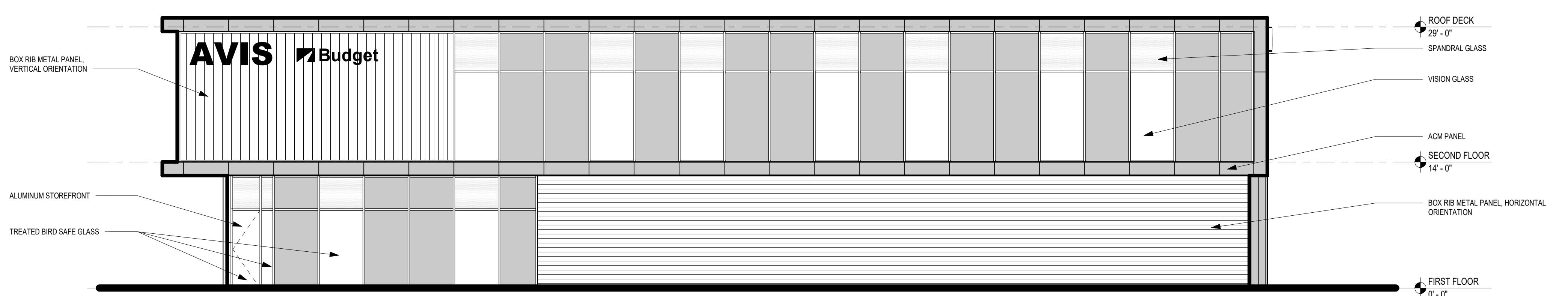
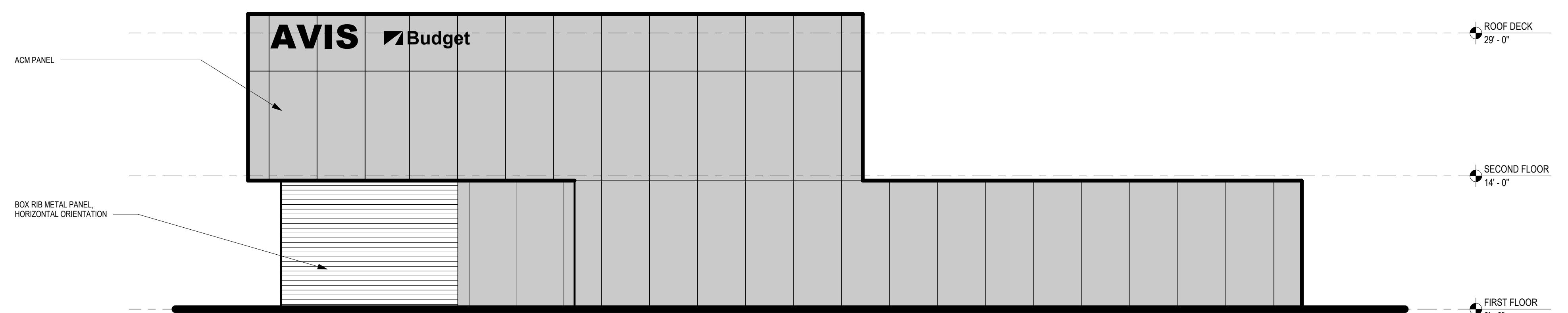


⑦ ACM PANEL

⑧ KEYPLAN  
1" = 30'-0"

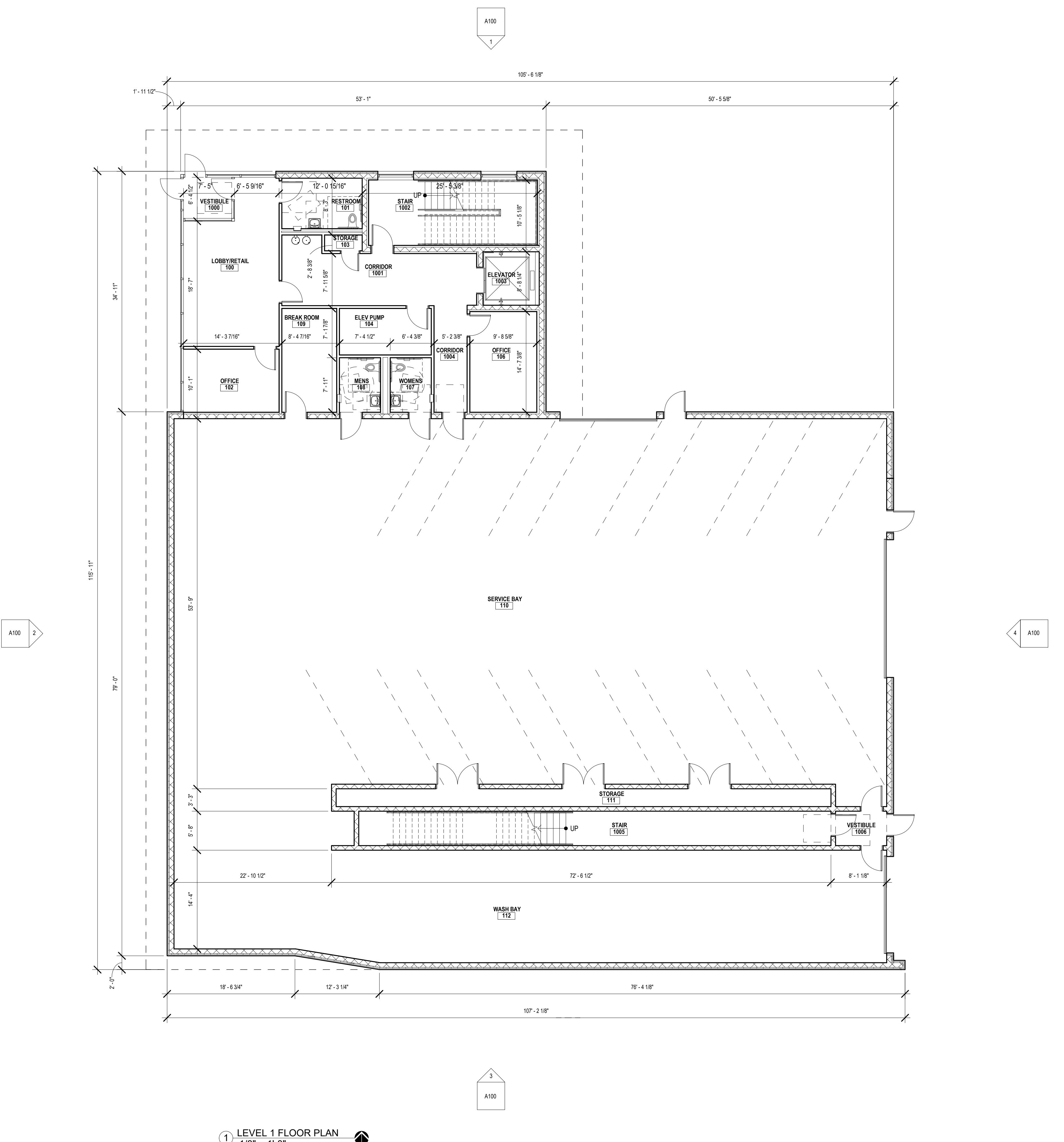
## ELEVATION GENERAL NOTES

1. ALL GLAZING IS ASSUMED TO BE VISION GLASS OR SPANDREL GLASS UNLESS OTHERWISE NOTED. ALL GLAZING THAT IS NOT TREATED MEETS BIRD SAFE GLASS CRITERIA

① NORTH ELEVATION  
1/8" = 1'-0"② WEST ELEVATION  
1/8" = 1'-0"③ SOUTH ELEVATION  
1/8" = 1'-0"④ EAST ELEVATION  
1/8" = 1'-0"PROJECT  
Vogel Brothers  
Midwestern Wheels2102 Darwin Road  
Madison, WIPROJECT NO.  
22003-01DRAWING  
EXTERIOR ELEVATIONSDATE  
07.31.23

Dorschner|Associates, Inc.  
2 West Washington Ave., Ste 100  
Madison, Wisconsin 53703  
Phone: 608.204.0777  
Fax: 608.204.0778

## ISSUE



# PROJECT

## Vogel Brothers

2102 Darwin Road  
Madison, WI

22003-01

**DATE**  
07.31.23

O ROOFTOP EQUIPMENT.  
ECOND FLOOR: 7,774 SQ FT

Dorschner|Associates, Inc.  
2 West Washington Ave., Ste 100  
Madison, Wisconsin 53703  
Phone: 608.204.0777  
Fax: 608.204.0778

## ISSUE



# PROJECT

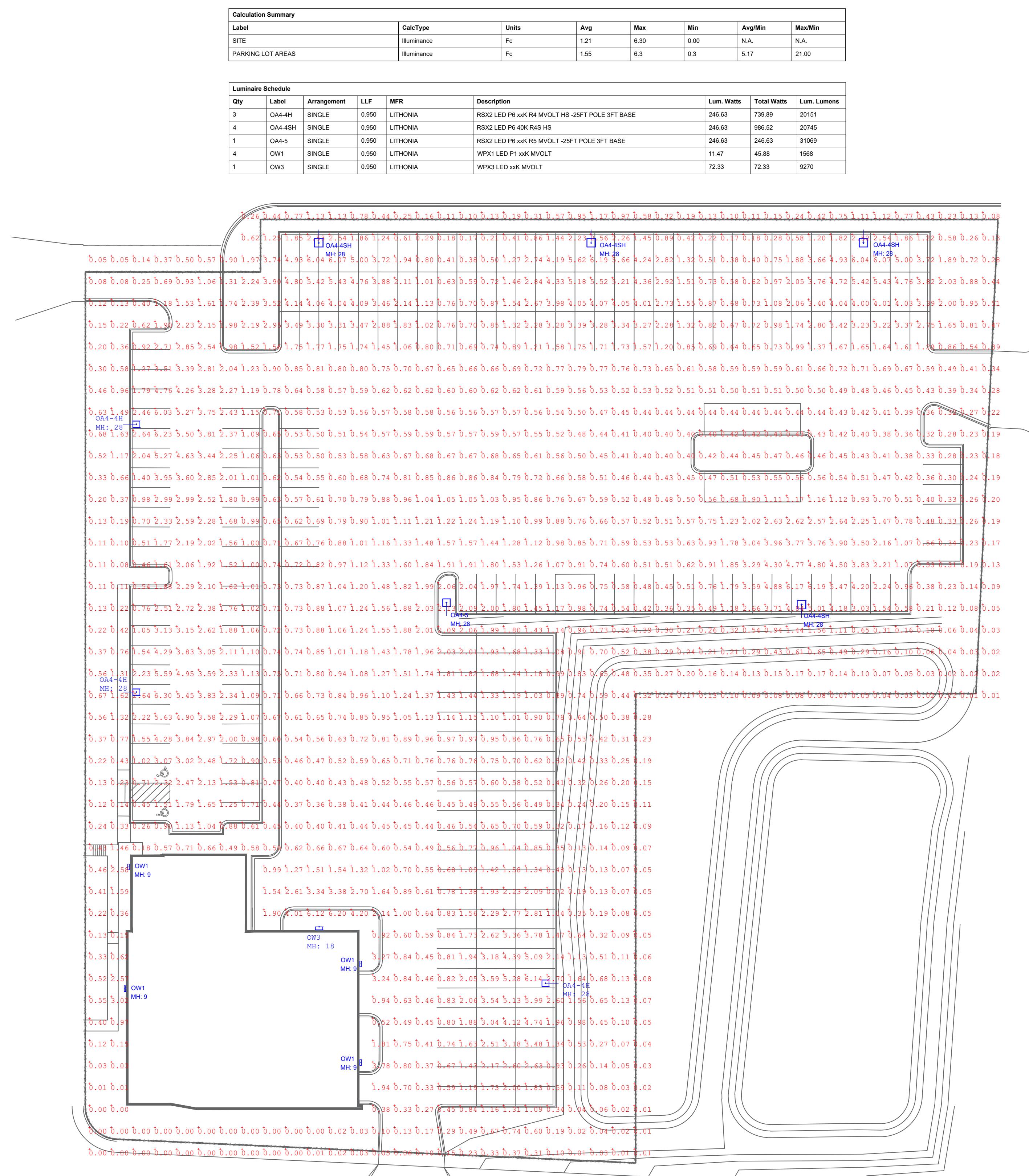
## Vogel Brothers

2102 Darwin Road  
Madison, WI

**PROJECT NO.**  
22003-01

**DATE**  
07.31.23

A202


**COMMENTS**

DRAWN BY : DC	DATE : AUGUST 3, 2023	SCALE : 1/32" = 1'-0"
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MIDWESTERN WHEEL	MADISON, WISCONSIN	SITE LAYOUT
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**REVISIONS**



# CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 2102 Darwin Road, Madison Wisconsin

Name of Project Midwestern Wheels

Owner / Contact Bill Wallschlaeger

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**\*\* Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size  
MUST be prepared by a registered landscape architect. \*\***

## Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

## Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

- (a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area 139,647 sf

Total landscape points required 2,327

- (b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area \_\_\_\_\_

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area \_\_\_\_\_

Total landscape points required \_\_\_\_\_

- (c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area \_\_\_\_\_

Total landscape points required \_\_\_\_\_

### **Tabulation of Points and Credits**

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35			28	980
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			2	70
Ornamental tree	1 1/2 inch caliper	15			12	180
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10				
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			221	663
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			65	260
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			92	184
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200				
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per "seat"				
<b>Sub Totals</b>						2337

**Total Number of Points Provided** 2337

\* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, as foundation plantings, or as general site landscaping. The total number of landscape points provided shall be distributed on the property as follows.

### **Total Developed Area**

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

### **Development Frontage Landscaping**

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant materials.

### **Interior Parking Lot Landscaping**

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the interior parking lot standards.

### **Foundation Plantings**

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses.

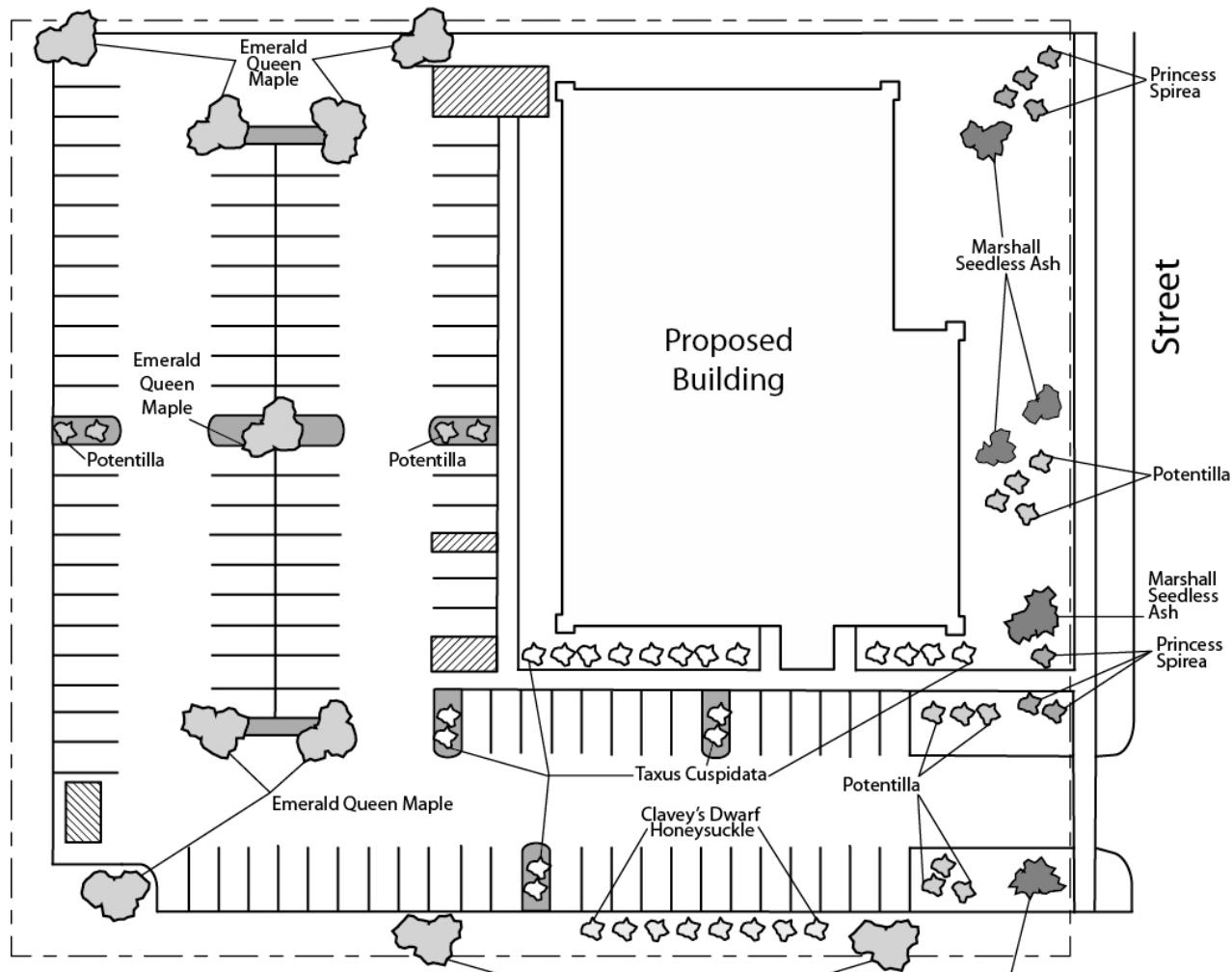
### **Screening Along District Boundaries**

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts.

### **Screening of Other Site Elements**

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site: refuse disposal areas, outdoor storage areas, loading areas, and mechanical equipment.

### **Example Landscape Plan**



Call City Zoning, 266-4551, with your questions about this type of plan

## LANDSCAPE PLAN AND LANDSCAPE WORKSHEET INSTRUCTIONS

Refer to Zoning Code Section 28.142 LANDSCAPING AND SCREENING REQUIREMENTS for the complete requirements for preparing and submitting a Landscape Plan and Landscape Worksheet.

### Applicability.

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless all of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

### Landscape Plan and Design Standards.

Landscape plans shall be submitted as a component of a site plan, where required, or as a component of applications for other actions, including zoning permits, where applicable. Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size must be prepared by a registered landscape architect.

- (a) Elements of the landscape plan shall include the following:
  1. Plant list including common and Latin names, size and root condition (i.e. container or ball & burlap).
  2. Site amenities, including bike racks, benches, trash receptacles, etc.
  3. Storage areas including trash and loading.
  4. Lighting (landscape, pedestrian or parking area).
  5. Irrigation.
  6. Hard surface materials.
  7. Labeling of mulching, edging and curbing.
  8. Areas of seeding or sodding.
  9. Areas to remain undisturbed and limits of land disturbance.
  10. Plants shall be depicted at their size at sixty percent (60%) of growth.
  11. Existing trees eight (8) inches or more in diameter.
  12. Site grading plan, including stormwater management, if applicable.
- (b) Plant Selection. Plant materials provided in conformance with the provisions of this section shall be nursery quality and tolerant of individual site microclimates.
- (c) Mulch shall consist of shredded bark, chipped wood or other organic material installed at a minimum depth of two (2) inches.

### Landscape Calculations and Distribution.

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area, for the purpose of this requirement, is defined as that area within a single contiguous boundary which is made up of structures, parking driveways and docking/loading facilities, but **excluding** the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

- (a) Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, and as foundation plantings, or as general site landscaping.
- (b) Planting beds or planted areas must have at least seventy-five percent (75%) vegetative cover.
- (c) Canopy tree diversity requirements for new trees:
  1. If the development site has fewer than 5 canopy trees, no tree diversity is required.
  2. If the development site has between 5 and 50 canopy trees, no single species may comprise more than 33% of trees.
  3. If the development site has more than 50 canopy trees, no single species may comprise more than 20% of trees.

### Development Frontage Landscaping.

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant material meeting the following minimum requirements:

- (a) One (1) overstory deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) overstory deciduous tree.
- (b) In cases where building facades directly abut the sidewalk, required frontage landscaping shall be deducted from the required point total.
- (c) In cases where development frontage landscaping cannot be provided due to site constraints, the zoning administrator may waive the requirement or substitute alternative screening methods for the required landscaping.
- (d) Fencing shall be a minimum of three (3) feet in height, and shall be constructed of metal, masonry, stone or equivalent material. Chain link or temporary fencing is prohibited.

### **Interior Parking Lot Landscaping.**

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the following interior parking lot standards.

- (a) For new development on sites previously undeveloped or where all improvements have been removed, a minimum of eight percent (8%) of the asphalt or concrete area of the parking lot shall be devoted to interior planting islands, peninsulas, or landscaped strips. For changes to a developed site, a minimum of five percent (5%) of the asphalt or concrete area shall be interior planting islands, peninsulas, or landscaped strips. A planting island shall be located at least every twelve (12) contiguous stalls with no break or alternatively, landscaped strips at least seven (7) feet wide between parking bays.
- (b) The primary plant materials shall be shade trees with at least one (1) deciduous canopy tree for every one hundred sixty (160) square feet of required landscaped area. Two (2) ornamental deciduous trees may be substituted for one (1) canopy tree, but ornamental trees shall constitute no more than twenty-five percent (25%) of the required trees. No light poles shall be located within the area of sixty percent (60%) of mature growth from the center of any tree.
- (c) Islands may be curbed or may be designed as uncurbed bio-retention areas as part of an approved low impact stormwater management design approved by the Director of Public Works. The ability to maintain these areas over time must be demonstrated. (See Chapter 37, Madison General Ordinances, Erosion and Stormwater Runoff Control.)

### **Foundation Plantings.**

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses. The Zoning Administrator may modify this requirement for development existing prior to the effective date of this ordinance, as long as improvements achieve an equivalent or greater level of landscaping for the site.

### **Screening Along District Boundaries.**

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts. Screening shall consist of a solid wall, solid fence, or hedge with year-round foliage, between six (6) and eight (8) feet in height, except that within the front yard setback area, screening shall not exceed four (4) feet in height. Height of screening shall be measured from natural or approved grade. Berms and retaining walls shall not be used to increase grade relative to screening height.

### **Screening of Other Site Elements.**

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site, as follows:

- (a) **Refuse Disposal Areas.** All developments, except single family and two family developments, shall provide a refuse disposal area. Such area shall be screened on four (4) sides (including a gate for access) by a solid, commercial-grade wood fence, wall, or equivalent material with a minimum height of six (6) feet and not greater than seven (7) feet.
- (b) **Outdoor Storage Areas.** Outdoor storage areas shall be screened from abutting residential uses with a by a building wall or solid, commercial-grade wood fence, wall, year-round hedge, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.
- (c) **Loading Areas.** Loading areas shall be screened from abutting residential uses and from street view to the extent feasible by a building wall or solid, commercial-grade wood fence, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.
- (d) **Mechanical Equipment.** All rooftop and ground level mechanical equipment and utilities shall be fully screened from view from any street or residential district, as viewed from six (6) feet above ground level. Screening may consist of a building wall or fence and/or landscaping as approved by the Zoning Administrator.

### **Maintenance.**

The owner of the premises is responsible for the watering, maintenance, repair and replacement of all landscaping, fences, and other landscape architectural features on the site. All planting beds shall be kept weed free. Plant material that has died shall be replaced no later than the upcoming June 1.