

FIRST 10,000 SF = TWO (2) TREES PER 1,000 SF (14,192 SF BUILDING = 20 TREES)  
10,001 - 50,000 SF = ONE AND A HALF (1.5) TREES PER 1,000 SF (14,192 SF BUILDING = 7 TREES)  
**TOTAL REQUIRED = 27**

2. REQUIREMENTS BASED ON IMPERVIOUS AREA –
- ONE (1) SHADE TREE FOR EVERY ONE THOUSAND (1,000) SQUARE FEET OF IMPERVIOUS  
TOTAL REQUIRED = 46 (45,259 SF IMPERVIOUS)
3. PARKING FACILITIES. A PORTION OF THE REQUIRED LANDSCAPING SHALL BE PLACED IN A PARKING  
FACILITY CONTAINING MORE THAN 25 PARKING SPACES IN ACCORDANCE WITH THE FOLLOWING MINIMUM  
LANDSCAPING REQUIREMENTS –
- (1) AT LEAST 1 DECIDUOUS SHADE TREE SHALL BE PLANTED FOR EVERY 10 SPACES  
(2) LANDSCAPE ISLANDS SHALL CONTAIN AT LEAST ONE (1) SHADE TREE

73 TOTAL TREES REQUIRED (LOT 1 - VA BUILDING)  
73 TREES PROVIDED (172.5 TOTAL CAL INCHES)

1. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE AND BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE LANDSCAPE LEGEND.

2. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.

3. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY BEFORE, DURING, OR AFTER INSTALLATION.

4. ALL SUBSTITUTIONS OF PLANT MATERIAL SHALL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.

5. ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK," ANSI-Z60, LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANTING MATERIALS.

6. ALL PLANTING TREES SHALL BE PLANTED WITHIN 12" OF THE DRAIN LINE FROM ALL CONSTRUCTION TRAFFIC, STORAGE OF MATERIALS ETC. WITH 4" HT. ORANGE PLASTIC SAFETY FENCING ADEQUATELY SUPPORTED BY STEEL FENCE POSTS @'S O.C. MAXIMUM SPACING.

7. ALL PLANT MATERIAL QUANTITIES, SHAPES OF BEDS AND LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPECIFIED LOCATIONS. CONTRACTOR SHALL CONFORM TO THE EXACT CONDITIONS OF THE SITE.

8. THE LANDSCAPE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIALS PRIOR TO INSTALLATION.

9. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.

10. MULCH: SHREDED HARDWOOD MULCH, CLEAN AND FREE OF ALL NOXIOUS WEEDS OR OTHER INTRUDING PLANTS. MULCH SHALL BE 4" DEEP. MULCH SHALL BE UNLESS OTHERWISE SPECIFIED ON ROCK MULCH ON DRAWINGS. SUBMIT SAMPLE OF LANDSCAPE ARCHITECT PRIOR TO DELIVERY ON-SITE. FOR APPROVAL. DELIVER MULCH ON DAY OF INSTALLATION. USE 4" FOR SHRUB BEDS, AND 3" FOR PERENNIAL/GROUND COVER BEDS, UNLESS OTHERWISE DIRECTED.

11. PLACE LANDSCAPE FILTER FABRIC UNDER ALL MULCHED AREAS. FILTER FABRIC SHALL BE 100% INTERLOCKED 5.1oz/sq. yd. 12'x12' POLYPROPYLENE FABRIC MANUFACTURED BY DEWITT. USE PRO 5 "WEED BARRIER" OR APPROVED EQUAL.

12. PLACE EDGING BETWEEN ALL PLANTING/ROCK BEDS AND TURF. EDGING SHALL BE POLY. THE PLAN TAKES PRECEDENCE OVER THE LANDSCAPE LEGEND IF DISCREPANCIES EXIST. THE SPECIFICATIONS TAKE PRECEDENCE OVER THE PLANTING NOTES AND GENERAL NOTES.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHES AND PLANTING SOI QUANTITIES TO COMPLETE THE WORK SHOWN ON THE PLAN. VERIFY ALL QUANTITIES SHOWN ON THE LANDSCAPE LEGEND.

14. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE ALLOWED.

15. THE CONTRACTOR SHALL KEEP PAVEMENTS, PLANTERS AND BUILDINGS CLEAN AND UNSTAINED. ALL PEDESTRIAN AND VEHICLE ACCESS TO BE MAINTAINED THROUGHOUT CONSTRUCTION PERIOD. ALL WASTES SHALL BE PROMPTLY REMOVED FROM THE SITE. ANY PLANT STOCK NOT PLANTED ON DAY OF DELIVERY SHALL BE HEeled IN AND WATERED UNTIL INSTALLATION. PLANTS NOT MAINTAINED IN THIS MANNER WILL BE REJECTED. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPAVED AT THE CONTRACTOR'S EXPENSE.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, AND PERMITS GOVERNING THE WORK.

17. LOCATE AND VERIFY ALL UTILITIES, INCLUDING IRRIGATION LINES, WITH THE OWNER FOR PROPRIETARY UTILITY INFORMATION. LOCATE ALL AT 454-0002 (TWIN CITIES METRO AREA) OR 800-252-1166 (GREATER MINNESOTA) 48 HOURS BEFORE DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGES TO SAME. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS TO FACILITATE PLANT RELOCATION.

18. USE ANTI-DESICCANT (WILTRUF OR APPROVED EQUAL) ON DECIDUOUS PLANTS MOVED IN LEAF AND FOR EVERGREENS WITHOUT ANYTIME. APPLY AS PER MANUFACTURER'S INSTRUCTION. ALL EVERGREENS SHALL BE SPRAYED IN THE LATE FALL FOR WINTER PROTECTION DURING WARRANTY PERIOD.

19. PLANTING SOI FOR TREES, SHRUBS AND GROUND COVERS: FERTILE FRIBLABLE LOAM CONTAINING A LIBERAL AMOUNT OF HUMUS AND CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH. IT SHALL COMPLY WITH MN/DOT SPECIFICATION 387 TYPE B SELECT TOPSOI, MIXTURE SHALL BE FREE FROM HARMFUL SUBSTANCES AND NOXIOUS PLANTS. TOPSOI MIXTURE SHALL HAVE "PI" BETWEEN 6.1 AND 7.5 AND 10-0-10 FERTILIZER AT THE RATE OF 3 POUNDS PER CUBIC YD. IN PLANTING BEDS INCORPORATE THIS MIXTURE THROUGHOUT THE ENTIRE BED BY ROTOTILLING IT INTO THE TOP 12" OF SOI.

20. ALL PLANTS SHALL BE GUARANTEED FOR TWO COMPLETE GROWING SEASON (APRIL 1 - NOVEMBER 1). UNLESS OTHERWISE SPECIFIED, THE GUARANTEE SHALL COVER THE FULL COST OF REPLACEMENT INCLUDING LABOR AND PLANTS.

21. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 3 DAYS PRIOR TO PLANNED DELIVERY. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 24 HOURS IN ADVANCE OF BEGINNING PLANTING.

22. SEASONS/TIME OF PLANTING AND SEEDING: NOTE: THE CONTRACTOR MAY ELECT TO PLANT IN OFF-SEASONS ENTIRELY AT HIS/HER RISK.

DECIDUOUS POTTED PLANTS: 4/1 - 6/1; 9/21 - 11/1  
DECIDUOUS B&B: 4/1 - 6/1; 9/21 - 11/1  
EVERGREEN POTTED PLANTS: 4/1 - 6/1; 9/21-11/1  
EVERGREEN B&B: 4/1 - 5/1; 9/21 - 11/1  
TURF/LAWN SEEDING: 4/1 - 6/1; 7/20 - 9/20  
NATIVE MIX SEEDING: 4/1 - 6/1; 7/20 - 9/20-10/20

23. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIAL SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF THE PLANTS IS COMPLETE. REPLACEMENT HAS BEEN MADE, AND PLANTINGS ARE ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE: WATERING, FERTILIZING, MULCHING, REMOVAL OF DEAD MATERIALS, RE-SETTING PLANTS TO PROPER GRADE AND KEEPING PLANTS IN A PLUMB POSITION. AFTER ACCEPTANCE, THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES. HOWEVER, THE CONTRACTOR SHALL CONTINUE TO BE RESPONSIBLE FOR KEEPING THE TREES PLUMB THROUGHOUT THE GUARANTEE PERIOD.

24. IF PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL LANDSCAPE LEGEND SPECIFICATIONS.

25. WATERING: MAINTAIN A WATERING SCHEDULE WHICH WILL THOROUGHLY WATER ALL PLANTS ONCE A WEEK. IN EXTREMELY HOT, DRY WEATHER, WATER MORE OFTEN AS REQUIRED BY INDICATIONS OF PLANT STRESS. THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR WATER.

26. CONTRACTOR SHALL REQUEST IN WRITING, A FINAL ACCEPTANCE INSPECTION.

27. ALL DISTURBED AREAS TO BE TURF SEED, ARE TO RECEIVE 6" TOP SOI, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

28. ALL DISTURBED AREAS TO RECEIVE NATIVE WETLAND SEED, ARE TO RECEIVE ENGINEERED SOI, SEED, MULCH, AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.


# LANDSCAPE PLAN (LOT 1)

**POWERS FIRST ADDITION**  
Shakopee, Minnesota

**TRIDENT - SHAKOPEE WEST, LLC**  
3601 18th Street South, Suite 103  
St. Cloud, MN 56301

<b>REVISONS</b>	
<b>1.</b>	<b>11/06/19 DRC Review Comments</b>
<b>DRAWN BY:</b>	RJR
<b>DESIGNED BY:</b>	RJR
<b>ISSUE DATE:</b>	10/25/19

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

Name: Ryan J. Ruttger, RLA  
Signature:   
Date: 10/25/19 License #: 56346