

CITY OF RAMSEY LANDSCAPE REQUIREMENTS

BUSINESS LANDSCAPING STANDARDS (SEC. 106-570)

THE MINIMUM NUMBER OF TREES REQUIRED ARE OUTLINED BELOW. THE COMPLEMENT OF TREES FULFILLING THE LANDSCAPING REQUIREMENTS SHALL NOT BE LESS THAN 25 PERCENT DECIDUOUS AND NOT LESS THAN 25 PERCENT CONIFEROUS. NOT MORE THAN 25 PERCENT OF THE REQUIRED PLANTINGS SHALL CONSIST OF ORNAMENTAL OR UNDERSTORY TREES.

- 1) **DECIDUOUS / CONIFEROUS TREES.** 1 TREE PER 50 LINEAL FEET OF SITE PERIMETER, OR 1 TREE PER 1,000 SQUARE FEET OF BUILDING FOOTPRINT, WHICHEVER IS GREATER.

TREES REQUIRED = 33 (1,624 LF SITE PERIMETER / 50 = 33, OR 11,056 SF BUILDING / 1,000 = 12)
 TREES PROVIDED = 49+ TOTAL (INCLUDES 16+ EXISTING TREES TO REMAIN)

REQUIRED TREE QUANTITIES

11 OVERSTORY	(33%)
8 ORNAMENTAL	(24%)
14 CONIFEROUS	(43%)

- 2) **SHRUBS.** 1 SHRUB PER 30 LINEAL FEET OF SITE PERIMETER OR 1 SHRUB PER 300 SQUARE FEET OF BUILDING FOOTPRINT AREA, WHICHEVER IS GREATER.

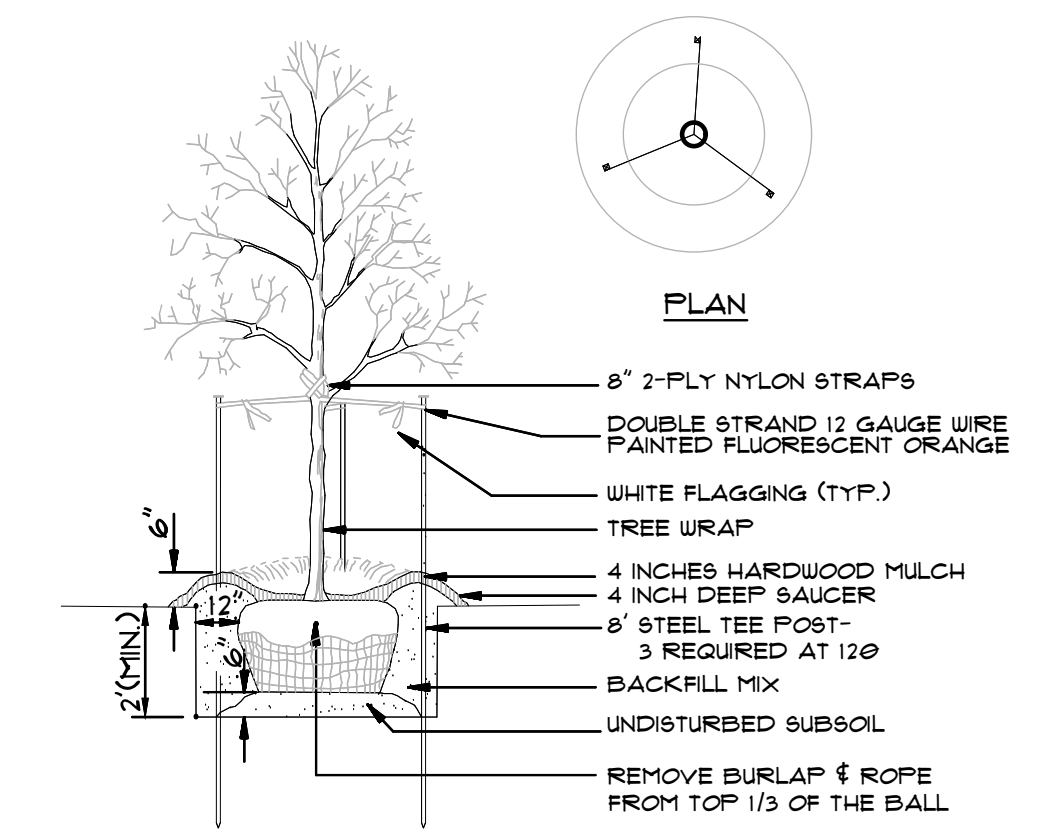
SHRUBS REQUIRED = 55 (1,624 LF SITE PERIMETER / 30 = 55, OR 11,056 SF BUILDING / 300 = 37)
 SHRUBS PROVIDED = 166

- 3) **PARKING LOT LANDSCAPING.** ALL PARKING LOTS ARE REQUIRED TO PROVIDE INTERNAL AND/OR ADJACENT OVERSTORY TREE PLANTINGS, WHICH ARE CREDITED TOWARD THE MINIMUM PLANTING REQUIREMENTS FOR THE DISTRICT (SEE #1 ABOVE).

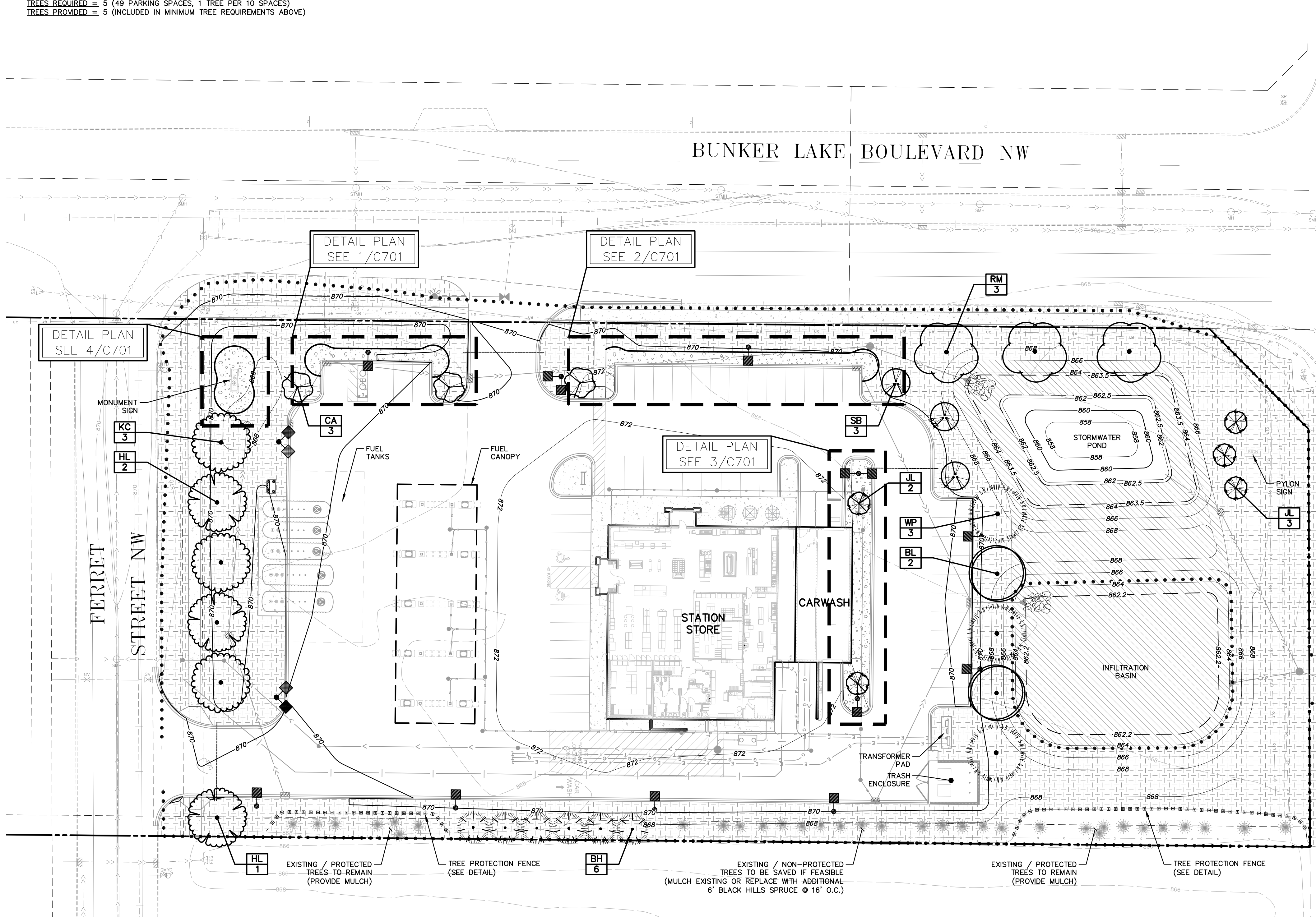
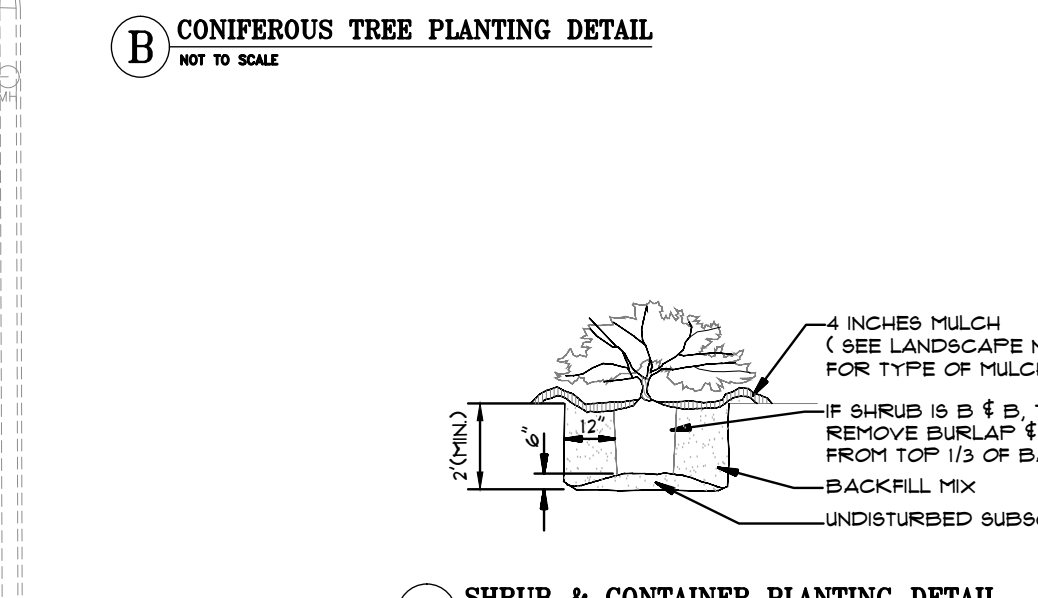
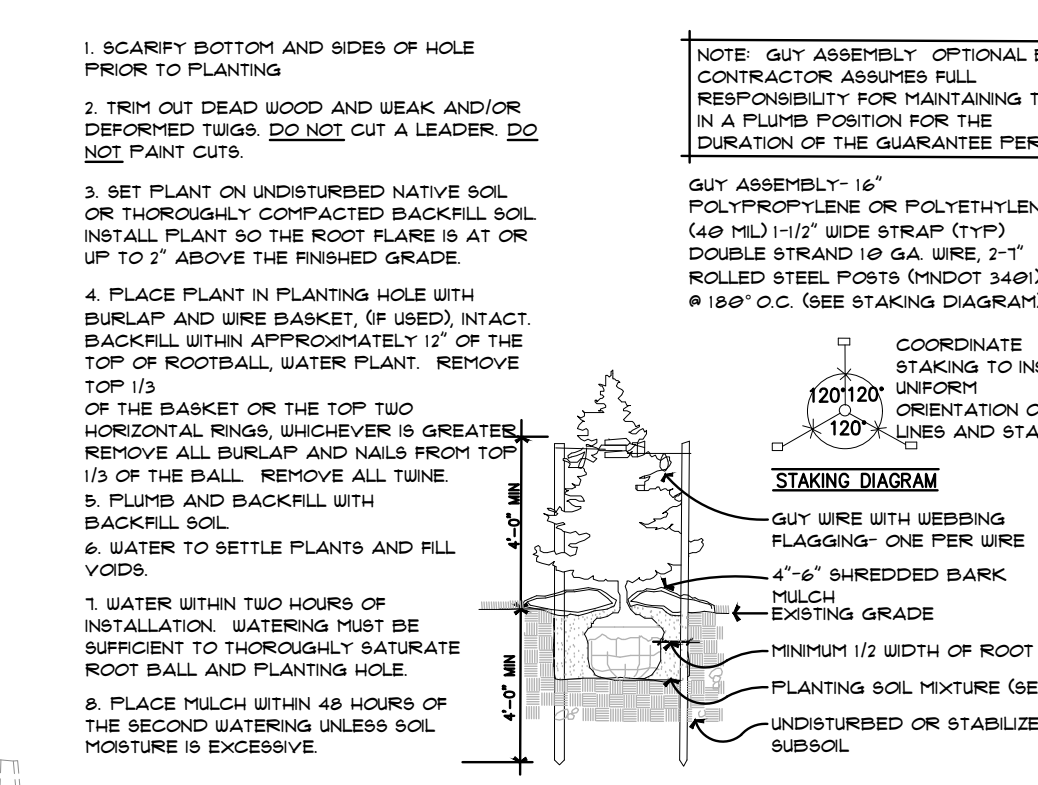
TREES REQUIRED = 5 (49 PARKING SPACES, 1 TREE PER 10 SPACES)
 TREES PROVIDED = 5 (INCLUDED IN MINIMUM TREE REQUIREMENTS ABOVE)

LANDSCAPE PLAN NOTES

1. **EXISTING CONDITIONS.** CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION START. ANY DISCREPANCIES FOUND THAT AFFECT THE WORK SHALL BE REPORTED TO THE OWNER/LANDSCAPE ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING OR APPROVING ANY ADDITIONAL WORK REQUIRED.
2. **UTILITY LOCATES.** CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL PUBLIC AND PRIVATE UTILITIES, INCLUDING IRRIGATION LINES, AT LEAST 48 HOURS BEFORE EXCAVATING OR IN ACCORDANCE WITH STATE LAW IN MINNESOTA, CALL GOPHER STATE ONE-CALL AT 855-454-0002 FOR FIELD LOCATION OF PUBLIC UNDERGROUND UTILITY LINES. ALL LOCATES AND ITEMS NOTED AS 'FIELD VERIFY' ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR AT THEIR EXPENSE.
3. **PERMITS.** CONTRACTOR SHALL VERIFY WITH THE OWNER/LANDSCAPE ARCHITECT THAT THE REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO CONSTRUCTION START. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, AND PERMITS GOVERNING THE WORK.
4. **EXISTING ITEMS TO REMAIN.** CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING PAVEMENT, STRUCTURES, UTILITIES, TREES, SITE AMENITIES, ETC. THAT ARE TO REMAIN FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGE (AT CONTRACTOR'S EXPENSE) TO EXISTING ITEMS TO REMAIN.
5. **CONSTRUCTION STAGING AND ACCESS.** CONTRACTOR SHALL VERIFY THE LOCATION FOR CONSTRUCTION STAGING AND SITE ACCESS WITH THE OWNER/LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PEDESTRIAN AND VEHICLE ACCESS WITHIN AND ADJACENT TO THE SITE THROUGHOUT THE CONSTRUCTION PERIOD UNLESS OTHERWISE NOTED. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE PERMITTED. ALL WASTE AND/OR UNUSED MATERIAL SHALL BE PROMPTLY REMOVED FROM THE SITE.
6. **SITE REMOVALS.** REFER TO CIVIL PLANS FOR GENERAL SITE REMOVALS. ALL ITEMS NOTED TO BE REMOVED SHALL BE COMPLETED BY THE CONTRACTOR AND IMMEDIATELY DISPOSED OF OFF-SITE, IN ACCORDANCE WITH LOCAL REGULATIONS, UNLESS OTHERWISE NOTED. COORDINATE WITH OWNER/LANDSCAPE ARCHITECT FOR ANY ITEMS NOTED AS 'REMOVED BY OTHERS' OR 'REMOVE AND SALVAGE.'
7. **UTILITY COORDINATION.** REFER TO CIVIL PLAN SHEETS FOR INFORMATION RELATED TO PROPOSED UTILITIES. COORDINATE WITH ELECTRICAL CONTRACTORS FOR SITE ELECTRICAL WORK AND SITE LIGHTING.
8. **CONSTRUCTION STAKING.** UNLESS OTHERWISE NOTED, CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING CONTROL POINTS AND ALL CONSTRUCTION FIELD STAKING DURING THE COURSE OF THE PROJECT.
9. **DIMENSIONS.** DIMENSIONS TAKE PRECEDENCE OVER SCALE. DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT/WALKWAY, OR OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
10. **PLAN QUANTITIES.** CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL MATERIAL QUANTITIES PER PLAN. MATERIAL SCHEDULES ARE PROVIDED SOLELY FOR CONTRACTOR'S CONVENIENCE.
11. **REFERENCE SPECIFICATIONS.** THE FOLLOWING SPECIFICATIONS SHALL GOVERN THIS PROJECT ACCORDING TO THE FOLLOWING ORDER:
 1. ADDENDA, WITH THOSE OF A LATER DATE HAVING PRECEDENCE OVER THOSE OF AN EARLIER DATE.
 2. LANDSCAPE SPECIFICATIONS.
 3. PLAN DRAWINGS.
 4. PLANT / MATERIAL SCHEDULES.
 5. CITY STANDARD SPECIFICATIONS AND DETAILS.
 6. MNDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION, LATEST EDITION.



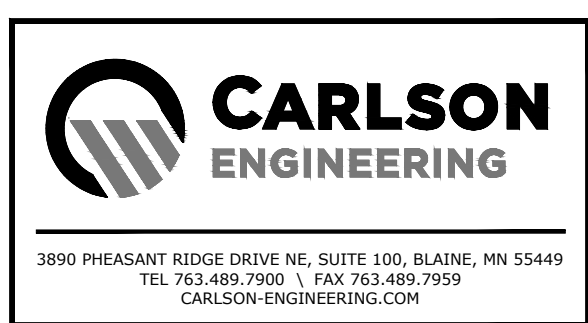
NOTE: SEE PLANTING NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.



1 OVERALL LANDSCAPE PLAN
 C700



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 LA CROSSE, WI 54602-2107
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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: [Signature]
 Date: 01/30/25 License #: 56346

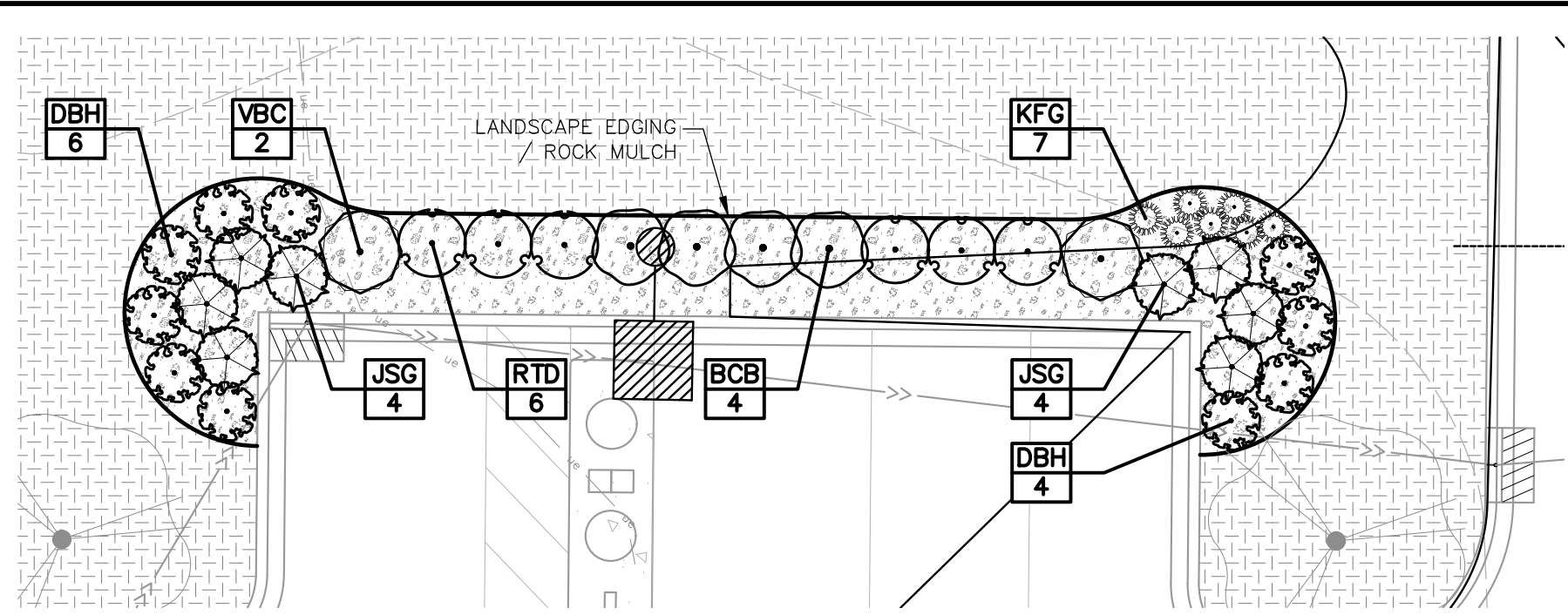
LANDSCAPE PLAN
CONVENIENCE STORE #1782 WITH 1-BAY CARWASH
BUNKER LAKE BLVD & ARMSTRONG BLVD NW RAMSEY, MINNESOTA

#	DATE	DESCRIPTION
1	03/10/25	Per Owner Comments
2	04/08/25	Per City Comments

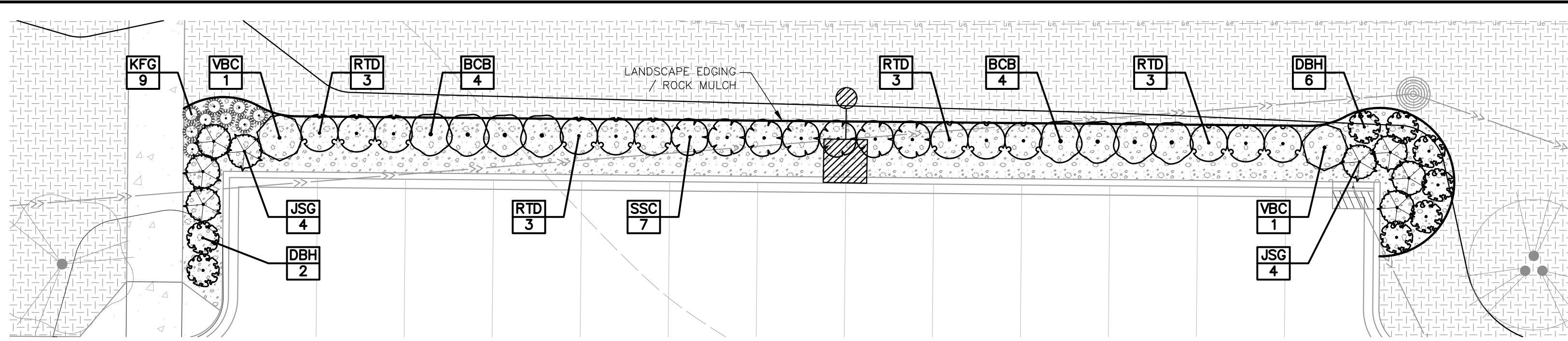
DRAWN BY: RJR
 SCALE: GRAPHIC
 PROJ. NO.: 11224-00
 DATE: 2025-01-30
 SHEET: 1782 C700

CALL BEFORE YOU DIG

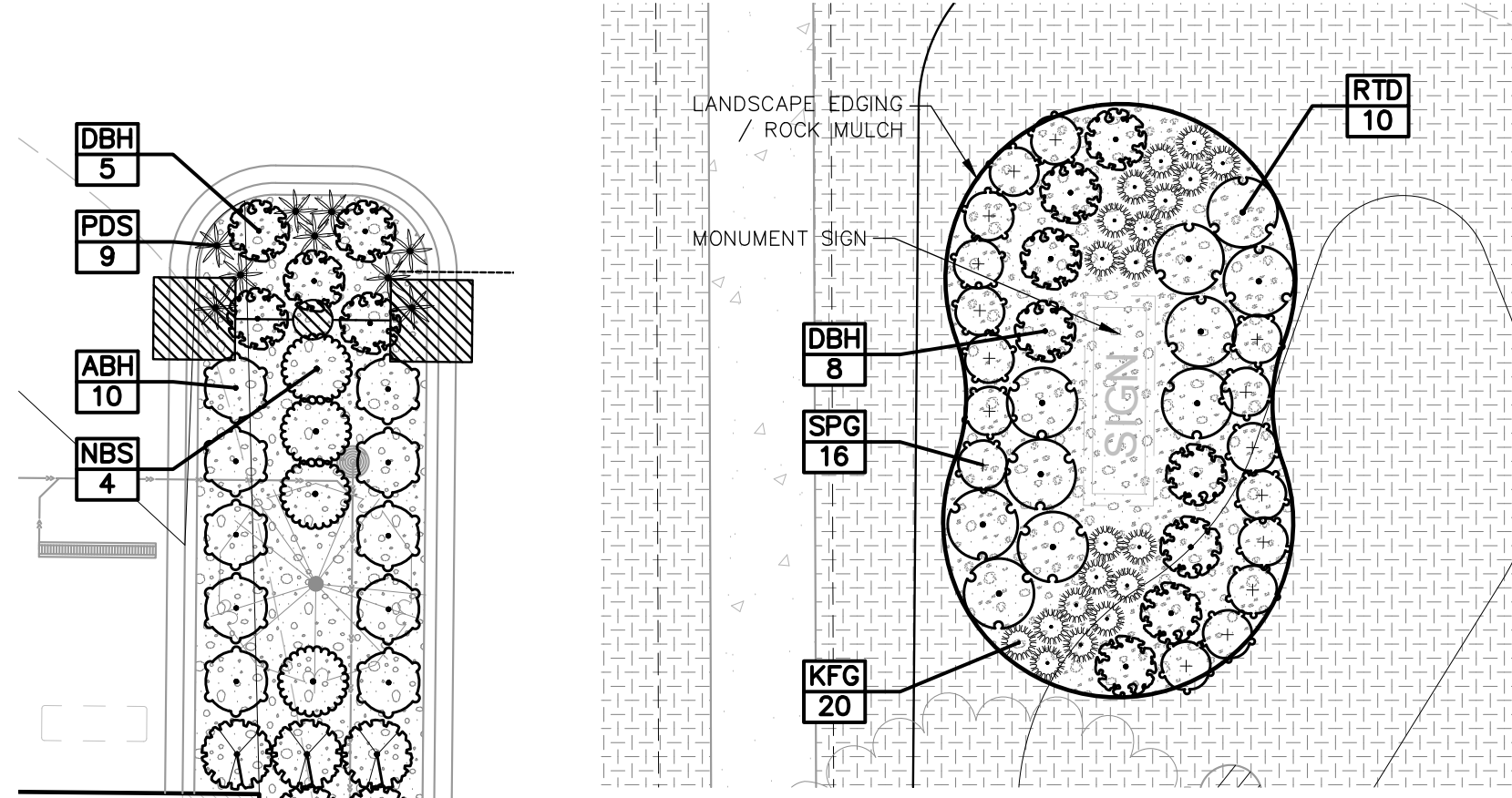
Know what's below. Call before you dig.



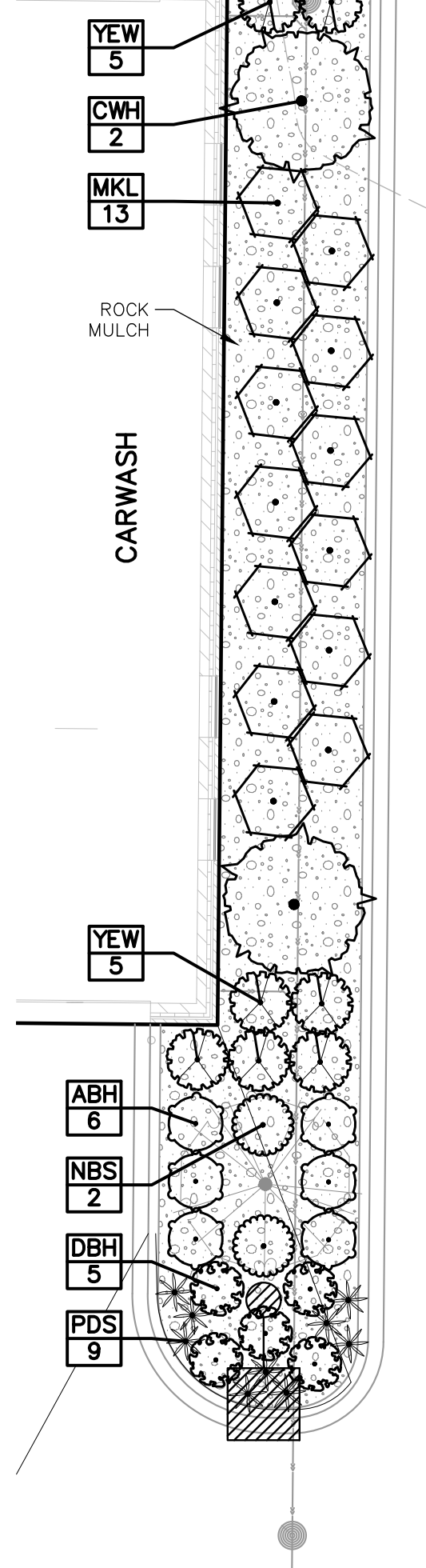
1 LANDSCAPE PLAN ENLARGEMENT
C701



2 LANDSCAPE PLAN ENLARGEMENT
C701



4 PYLON SIGN LANDSCAPE
C701



3 LANDSCAPE PLAN ENLARGEMENT
C701

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
TREES							SHRUBS						
RM		3	Acer rubrum 'Northwood'	Northwoods Red Maple	2' Cal.	B&B	BCB	12	Aronia melanocarpa 'Viking'	Viking Black Chokeberry	24" Ht.	#5 Cont.	
HL		3	Gleditsia triacanthos inermis 'Harve'	Northern Acclaim Thornless Honey Locust	2' Cal.	B&B	SSC	7	Clethra alnifolia 'Hummingbird'	Summersweet	24" Ht.	#5 Cont.	
KC		3	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree	2' Cal.	B&B	RTD	28	Cornus sericea 'Alleman's Compact'	Dwarf Red Twig Dogwood	24" Ht.	#5 Cont.	
BL		2	Tilia americana 'Boulevard'	Boulevard Linden	2' Cal.	B&B	DBH	36	Diervilla lonicera	Dwarf Bush Honeysuckle	24" Ht.	#5 Cont.	
CONIFEROUS TREES							EVERGREEN SHRUBS						
BH		6	Picea glauca densata	Black Hills Spruce	6' Ht.	B&B	CWH	2	Hamamelis virginiana NATIVE	Common Witch Hazel	24" Ht.	#5 Cont.	
WP		3	Pinus strobus	White Pine	6' Ht.	B&B	ABH	16	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	24" Ht.	#5 Cont.	
ORNAMENTAL TREES							GRASSES						
SB		3	Amelanchier x grandiflora 'Autumn Brilliance' Clump Form, 1.5' Cal Equivalent	Autumn Brilliance Serviceberry	7' Ht.	B&B	KFG	36	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	#3 Cont.		
CA		3	Malus x 'Prairifire'	Prairifire Crabapple	1.5' Cal.	B&B	PDS	18	Sporobolus heterolepis	Prairie Dropseed	#3 Cont.		
JL		5	Syringa reticulata 'Ivory Silk' White Flowers	Ivory Silk Japanese Tree Lilac	1.5' Cal.	B&B	GROUND COVERS						
							ROCK	3,470 sf	Rock Mulch Non-Woven Geotextile Incidental	1.5' Trap Rock Mulch	4' Depth		
							SOD	51,681 sf	Turf Sod Bluegrass	Kentucky Bluegrass	sod		
							TII	17,814 sf	Type II - Stormwater Seed Mix Refer to notes for acceptable seeding methods Seeding Rate 52.0 lb/ac	MnDOT Seed Mix 33-261	seed		

LANDSCAPE QUANTITIES

±360 LF POLY EDGING - BLACK

LANDSCAPE SPECIFICATIONS

- TREE PROTECTION.** ALL TREES NOT SPECIFICALLY NOTED OR MARKED ON SITE FOR REMOVAL SHALL REMAIN PROTECTED AND UNDISTURBED DURING CONSTRUCTION. TREE PROTECTION SHALL EXTEND TO THE DRIP LINE, WITHIN WHICH NO CONSTRUCTION ACTIVITY, MATERIAL STORAGE, OR VEHICLE PARKING SHALL BE PERMITTED. TREE PROTECTION FENCING SHALL BE ERECTED PRIOR TO CONSTRUCTION START PER PLANS OR AS DIRECTED BY OWNER/LANDSCAPE ARCHITECT AND SHALL CONSIST OF 4' TALL HEAVY DUTY ORANGE CONSTRUCTION FENCING WITH 6" STEEL FENCE POSTS SPACED 6' O.C. MAX.
- EROSION CONTROL.** REFER TO CIVIL PLAN SHEETS FOR STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AND TEMPORARY AND PERMANENT STORMWATER BMPs, INCLUDING SILT FENCE, BIO-ROLLS, INLET PROTECTION, EROSION CONTROL BLANKETING, DUST CONTROL, SWEEPING AND ROCK CONSTRUCTION ENTRANCE. ALL DISTURBED AREAS SHALL RECEIVE PERMANENT STABILIZATION IN ACCORDANCE WITH THE LANDSCAPE PLAN WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY IN THE DISTURBED AREA HAS CEASED. IN THE EVENT PERMANENT STABILIZATION CANNOT BE IMPLEMENTED WITHIN 7 DAYS, TEMPORARY STABILIZATION BMPs MUST BE IMPLEMENTED WITHIN 7 DAYS USING.
- CLEARING AND GRUBBING.** CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING ALL AREAS INDICATED AS BEING DISTURBED OR OTHERWISE SHOWN ON PLANS. CLEARING AND GRUBBING SHALL INCLUDE REMOVAL AND DISPOSAL OF ALL TREES, STUMPS, BRUSH, GRASS, ROOTS AND OTHER ORGANIC MATERIAL AT AN APPROVED OFF-SITE DISPOSAL LOCATION.
- SOIL PREPARATION.** REFER TO GEOTECHNICAL REPORT FOR ANY REQUIRED SOIL CORRECTIONS, AMENDMENTS OR ADDITIONAL INFORMATION (IF APPLICABLE). EXISTING TOPSOIL SHALL BE STRIPPED FROM ALL DISTURBED AREAS AND STOCKPILED IN AN APPROVED LOCATION FOR RE-SPREAD. ALL AREAS WHERE SOIL HAS BEEN COMPACTED BY CONSTRUCTION ACTIVITY AND THAT ARE INDICATED TO BE SODED, SEEDED OR PLANTING BED SHALL BE DE-COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BY SOIL RIPPING, TILLING OR OTHER APPROVED SOIL LOOSENING METHOD.
- TOPSOIL MATERIAL.** ALL EXISTING, AMENDED OR IMPORTED TOPSOIL SHALL MEET THE REQUIREMENTS OF MNDOT TOPSOIL TYPE A. A MINIMUM 4 INCH DEPTH OF TOPSOIL SHALL BE PLACED ON ALL AREAS TO BE SODED OR SEEDED. A MINIMUM 12 INCH DEPTH OF TOPSOIL SHALL BE PLACED WITHIN ALL PLANTING BED AREAS. ALL TOPSOIL SHALL BE FINE GRADED, RAKED AND DRAGGED TO PROVIDE A SMOOTH, UNIFORM SURFACE. TOPSOIL GRADES SHALL BE WITHIN 1 FEET OF INDICATED FINISHED GRADE AND SHALL BE TRUE TO GRADIENTS SHOWN ON PLANS. REFER TO CIVIL PLAN SHEETS FOR INFILTRATION BASIN SOIL REQUIREMENTS. A TOPSOIL INSPECTION BY THE RAMSEY ENGINEERING DEPARTMENT IS REQUIRED PRIOR TO SEEDING OR SOD.
- SEEDING AND TURF ESTABLISHMENT.** CONTRACTOR SHALL OBTAIN OWNER/LANDSCAPE ARCHITECT'S APPROVAL OF FINAL GRADES AND TOPSOIL PREP PRIOR TO SEEDING. APPLY 12-12-12 GRANULAR STARTER FERTILIZER AT A RATE OF 250 LBS PER ACRE PRIOR TO SEEDING. SEEDS SHALL BE SOWN IN 2 PERPENDICULAR PASSES, EACH PASS AT ONE-HALF THE INDICATED RATE, VIA BROADCAST SPREADER, DROP SEEDER OR DRILL SEEDER, FOLLOWING SEED APPLICATION, INSTALL TYPE 3M EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 4:1. IN ALL OTHER AREAS, APPLY HYDROMULCH COVER (MUST BE A SEPARATE OPERATION FROM SEEDING) AT A TARGETED DRY WEIGHT RATE OF 3500 LBS PER ACRE. SOIL SHALL BE KEPT MOIST DURING ESTABLISHMENT WITH ADDITIONAL RE-SEEDING AS NECESSARY TO ACHIEVE A HEALTHY, UNIFORM STAND OF GRASS, FREE OF WEEDS AND WITH COVERAGE EXCEEDING 75% IN ANY 10'x10' AREA PRIOR TO FINAL ACCEPTANCE.
- SODDING.** CONTRACTOR SHALL OBTAIN OWNER/LANDSCAPE ARCHITECT'S APPROVAL OF FINAL GRADES AND TOPSOIL PREP PRIOR TO SODDING. APPLY 12-12-12 GRANULAR STARTER FERTILIZER AT A RATE OF 250 LBS PER ACRE PRIOR TO SODDING AND ROLL TOPSOIL TO CREATE A UNIFORM SURFACE FOR LAYING SOD. SOD SHALL NOT BE CUT MORE THAN 24-HOURS IN ADVANCE OF INSTALLATION. CONTRACTOR SHALL KEEP SOD MOIST FOR A MINIMUM OF 30 DAYS AND SHALL BE RESPONSIBLE FOR MAINTAINING THE SOD UNTIL FINAL ACCEPTANCE.
- PLANT MATERIAL.** ALL PLANTING STOCK SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK," ANSI-260, LATEST EDITION, OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS. OWNER/LANDSCAPE ARCHITECT RESERVE THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY BEFORE, DURING, OR AFTER INSTALLATION. NO SUBSTITUTION OF PLANT MATERIAL SHALL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- PLANT MATERIAL SUBSTITUTIONS.** ALL REQUESTS FOR PLANT SUBSTITUTIONS SHALL BE MADE IN WRITING TO THE OWNER/LANDSCAPE ARCHITECT AND MUST BE APPROVED BY THE CITY.
- PLANT INSTALLATION AND ESTABLISHMENT.** REFER TO STANDARD PLANTING DETAILS. CONTRACTOR SHALL STAKE TREE LOCATIONS FOR APPROVAL BY OWNER/LANDSCAPE ARCHITECT PRIOR TO PLANTING. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOOLIATES (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.
- MULCH MATERIAL.** DOUBLE SHREDDED HARDWOOD MULCH OR ROCK MULCH AS INDICATED ON PLANS. ALL MULCH SHALL BE CLEAN AND FREE OF NOXIOUS WEEDS, SOIL, OR OTHER DELETERIOUS MATERIAL, AND SHALL BE INSTALLED OVER A NON-WOVEN GEOTEXTILE FABRIC (INCIDENTAL) OR OTHER APPROVED WEED BARRIER TO A MINIMUM SETTLED DEPTH OF 4". MULCH SHALL BE HELD BACK FROM PLANT STEMS/TRUNKS A MINIMUM OF 3". WOOD MULCH SHALL BE PLACED AROUND INDIVIDUAL TREES TO A 4' MINIMUM DIAMETER. MULCH SHALL BE INSTALLED WITHIN 48-HOURS OF PLANT INSTALLATION.

- LANDSCAPE EDGING.** INSTALL LANDSCAPE EDGING BETWEEN ALL MULCH AREAS AND TURF. EDGING SHALL BE COMMERCIAL GRADE BLACK POLYETHYLENE OR VINYL EDGING, 0.1 INCH THICK BY 5 INCHES DEEP, V-LIPPED BOTTOM, HORIZONTALLY GROOVED, 1-INCH ROUND TOP, EXTRUDED IN STANDARD LENGTHS, WITH 9-INCH STEEL ANGLE STAKES.
- IRRIGATION DESIGN.** FURNISH AND INSTALL A COMPLETE UNDERGROUND IRRIGATION SYSTEM FROM APPROVED POINT(S)-OF-CONNECTION WITHIN THE SITE COVERING ALL TURF AND PLANTING AREAS AS SHOWN ON THE LANDSCAPE PLAN. IRRIGATION PLANS TO BE PREPARED BY A QUALIFIED IRRIGATION DESIGNER AND SUBMITTED TO OWNER/LANDSCAPE ARCHITECT FOR APPROVAL. IRRIGATION SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR AND SHALL UTILIZE MATCH PRECIPITATION HEADS, HEAD TO HEAD COVERAGE AND WEATHER COMPENSATING SMART CONTROLLER.
- MAINTENANCE.** 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, INSPECTION HAS BEEN MADE, AND PLANTINGS ARE ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE MOWING, TRIMMING, WATERING, FERTILIZING, WEED AND PESTICIDE CONTROL, 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 RETAIN RESPONSIBILITY FOR ALL PLANT MATERIAL THROUGH THE COMPLETION OF THE WARRANTY PERIOD.
- WATERING.** UPON ESTABLISHMENT OF SEED AND INSTALLATION OF PLANTS, CONTRACTOR SHALL MAINTAIN A WATERING SCHEDULE WHICH WILL THOROUGHLY WATER ALL PLANTS AND TURF AREAS A MINIMUM OF ONCE A WEEK. MORE FREQUENT WATERING MAY BE REQUIRED DURING PERIODS OF HOT, DRY WEATHER. CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR WATER. IN THE ABSENCE OF PERMANENT IRRIGATION, TEMPORARY IRRIGATION, TREE WATERING BAGS, OR HAND-WATERING ARE ACCEPTABLE.
- NATIVE PLANT ESTABLISHMENT.** THIS PROJECT INCLUDES ONE OR MORE NATIVE PLANT SEED MIXES CONSISTING OF A VARIETY OF GRASSES, SEDGES AND FLOWERING FORBS. BECAUSE THESE PLANTS TYPICALLY HAVE A LONGER GERMINATION PERIOD, A COVER CROP SPECIES IS REQUIRED TO PROVIDE TEMPORARY COVER AND STABILIZATION. MAINTENANCE OF THESE SEEDED AREAS IS CRITICAL DURING THE FIRST SEVERAL YEARS TO ESTABLISH A SUCCESSFUL NATIVE PLANT COMMUNITY. SEEDED AREAS SHALL BE MOWED / WEED-WHIPPED TO A HEIGHT OF 6-10 INCHES IN MID-JULY AND EARLY SEPTEMBER DURING THE FIRST 2-3 YEARS OF ESTABLISHMENT. IN ADDITION, ALL NON-NATIVE SPECIES / WEEDS SHALL BE SPOT SPRAYED NO LESS THAN 3 TIMES A YEAR WITH HERBICIDE BY A LICENSED APPLICATOR. RE-SEEDING AS NECESSARY SHALL OCCUR IN MAY. A NATIVE PLANT COMMUNITY SHALL BE CONSIDERED SUCCESSFULLY ESTABLISHED NO SOONER THAN 3 YEARS AFTER INITIAL SEEDING - ONCE THE COVER CROP HAS BEEN SUFFICIENTLY REPLACED BY NATIVE PLANTS AND THE AREA IS FREE OF ALL NON-NATIVE AND INVASIVE SPECIES. AT THIS TIME, MAINTENANCE CAN BE REDUCED TO MOWING / WEED-WHIPPING TO A HEIGHT OF 6-10 INCHES ONCE A YEAR IN EARLY SEPTEMBER AND SPOT SPRAYING OF HERBICIDE ONLY AS NEEDED. REFER TO MNDOT SEEDING MANUAL FOR ADDITIONAL INFORMATION ON PLANTING, ESTABLISHING AND MAINTAINING NATIVE SEED MIXES.
- FINAL ACCEPTANCE.** UPON SUBSTANTIAL COMPLETION OF THE WORK, CONTRACTOR SHALL REQUEST FINAL ACCEPTANCE OF THE WORK IN WRITING BY THE OWNER/LANDSCAPE ARCHITECT. IF ANY WORK IS FOUND TO BE INCOMPLETE OR UNSATISFACTORY IN THE OPINION OF THE OWNER/LANDSCAPE ARCHITECT, A WRITTEN PUNCH LIST WILL BE PREPARED LISTING ALL ITEMS THAT REQUIRE COMPLETION OR CORRECTING BEFORE FINAL ACCEPTANCE.
- WARRANTY.** ALL PLANTS, MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR TWO (2) YEARS FROM THE DATE OF FINAL ACCEPTANCE, UNLESS OTHERWISE SPECIFIED. THE GUARANTEE SHALL COVER THE FULL COST OF REPLACEMENT INCLUDING LABOR AND MATERIAL.

Kwik TRIP

Kwik STAR

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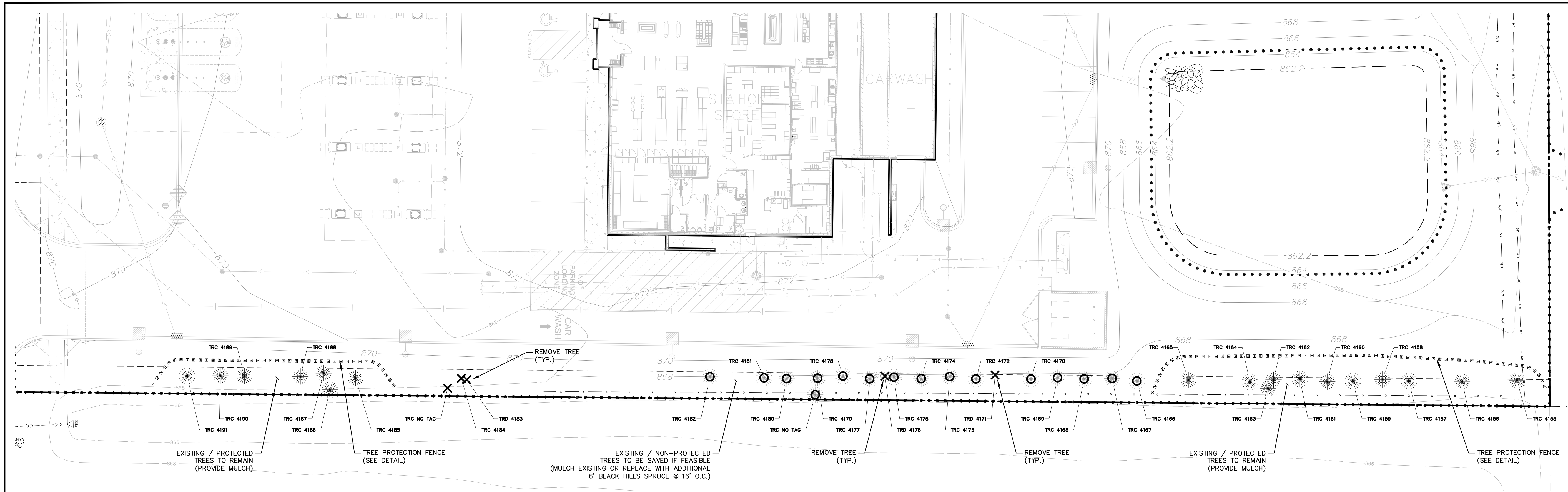
CARLSON ENGINEERING
3890 PHEASANT RIDGE DRIVE NE, SUITE 100, BLAINE, MN 55449
TEL 763.489.7900 | FAX 763.489.7959
CARLSON-ENGINEERING.COM

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: [Signature]
Date: 01/30/25 License #: 56346

LANDSCAPE PLAN
CONVENIENCE STORE #1782 WITH 1-BAY CARWASH
BUNKER LAKE BLVD & ARMSTRONG BLVD NW RAMSEY, MINNESOTA

#	DATE	DESCRIPTION
1	03/10/25	Per Owner Comments
2	04/08/25	Per City Comments

DRAWN BY: RJR
SCALE: GRAPHIC
PROJ. NO.: 11224-00
DATE: 2025-01-30
SHEET: 1782 C701



1 OVERALL TREE PRESERVATION PLAN
C702

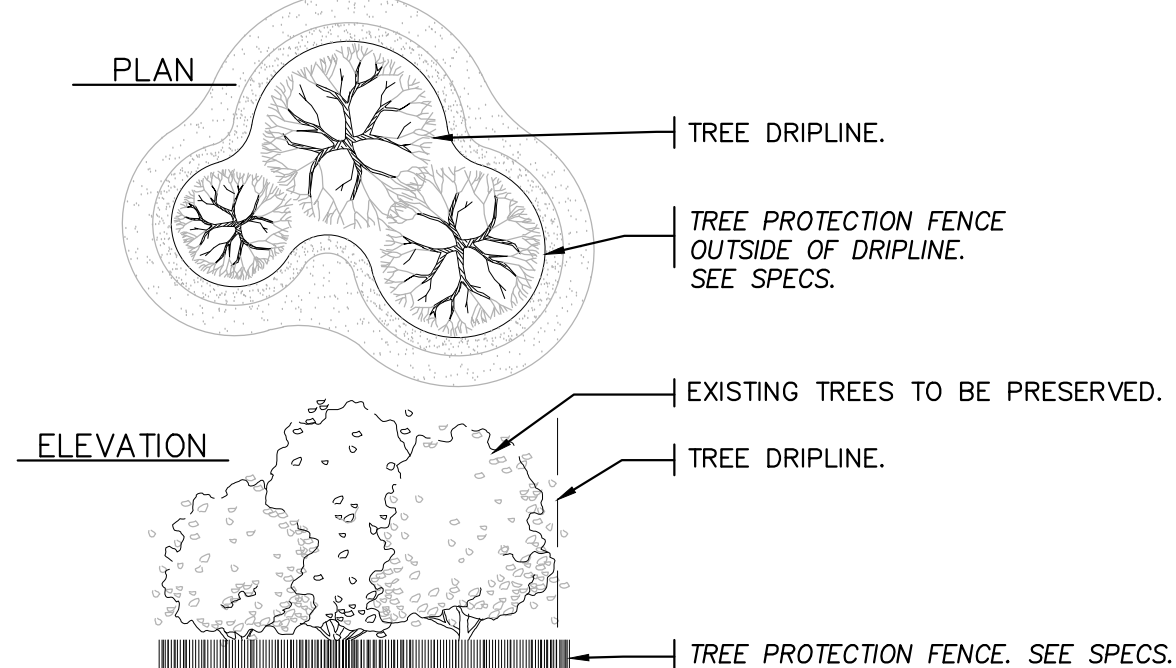
TREE PRESERVATION NOTES

- TREE SURVEY FIELD WORK COMPLETED BY CARLSON ENGINEERING ON 02/05/25.
- TREES 4155-4165 AND 4185-4191 ARE TO BE SAVED AND PROTECTED WITH TREE PROTECTION FENCING PRIOR TO CONSTRUCTION START.
- UNLESS NOTED AS SAVED OR REMOVED (DENOTED BY X), ALL OTHER TREES (DENOTED BY O) ARE CONSIDERED OPTIONAL REMOVALS AND HAVE BEEN COUNTED AS REMOVED IN THE TREE INVENTORY CALCULATIONS. THESE TREES ARE INTENDED TO BE SAVED IF GRADING ALLOWS, BUT MAY BE REMOVED IF NEEDED WITHOUT MITIGATION.
- ANY OPTIONAL REMOVAL TREES AS NOTED ABOVE THAT ARE REMOVED, SHALL BE REPLACED WITH ADDITIONAL 6" BLACK HILL SPRUCE TREES AT 16" ON CENTER TO MAINTAIN SCREENING.

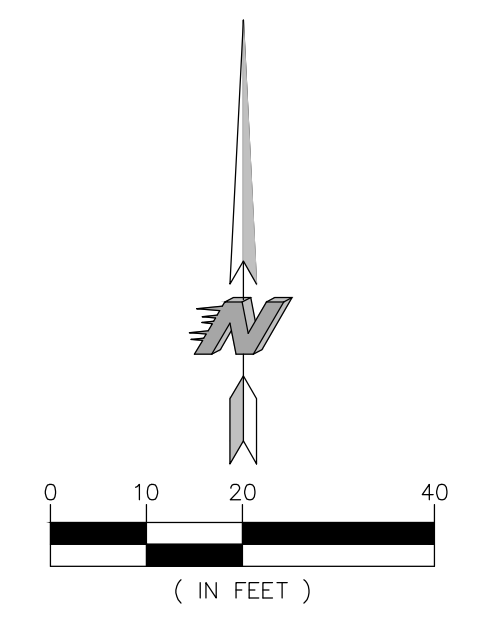
TREE INVENTORY						
Tag #	Tree Size (DBH)	Species (Common Name)	Condition (0-3)	Protection Category	Notes	Designation
4155	9	Spruce	3	Significant		SAVE
4156	13	Spruce	3	Significant		SAVE
4157	11	Spruce	3	Significant		SAVE
4158	11	Spruce	3	Significant		SAVE
4159	12	Spruce	3	Significant		SAVE
4160	10	Spruce	3	Significant		SAVE
4161	13	Spruce	3	Significant		SAVE
4162	7	Spruce	3	Significant		SAVE
4163	10	Jack Pine	3	Significant		SAVE
4164	12	Spruce	3	Significant		SAVE
4165	16	Spruce	3	Significant		SAVE
4166	13	Spruce	3	Significant		REMOVE
4167	9	Spruce	3	Significant		REMOVE
4168	13	Spruce	3	Significant		REMOVE
4169	15	Spruce	3	Significant		REMOVE
4170	12	Spruce	3	Significant		REMOVE
4171	12	Ash	3	NA - species	2-Stem	Remove (Exempt)
4172	7	Spruce	3	Significant		REMOVE
4173	13	Spruce	3	Significant		REMOVE
4174	13	Spruce	3	Significant		REMOVE
4175	9	Spruce	3	Significant		REMOVE
4176	21	Ash	3	NA - species	3-Stem	Remove (Exempt)
4177	8	Spruce	3	Significant		REMOVE
4178	10	Spruce	3	Significant		REMOVE
4179	10	Spruce	2	Significant		REMOVE
4180	13	Spruce	3	Significant		REMOVE
4181	15	Spruce	3	Significant		REMOVE
4182	17	Spruce	3	Significant		REMOVE
4183	12	Ash	3	NA - species	3-Stem	Remove (Exempt)
4184	6	Spruce	2	Significant		REMOVE
4185	9	Spruce	3	Significant	3-Stem	SAVE
4186	6	Red Cedar	3	Significant		SAVE
4187	8	Spruce	3	Significant		SAVE
4188	12	Spruce	3	Significant		SAVE
4189	6	Spruce	3	Significant		SAVE
4190	10	Spruce	3	Significant		SAVE
4191	11	Spruce	3	Significant		SAVE

SUMMARY		DBH (Inches)
Significant Trees Saved	186	
Significant Trees Removed	183 (49.6%)	
Significant Trees Total	369	
Allowable Tree Removal (70%)	258	
Mitigation Required	0	

TREE PROTECTION FENCE



ERECT TREE PROTECTION FENCE PRIOR TO ANY CONSTRUCTION ACTIVITY. DO NOT STORE ANY EQUIPMENT OR MATERIALS WITHIN PROTECTIVE AREA. REMOVE THE TREE PROTECTION FENCE ONLY AFTER CONSTRUCTION OPERATIONS ARE COMPLETED.

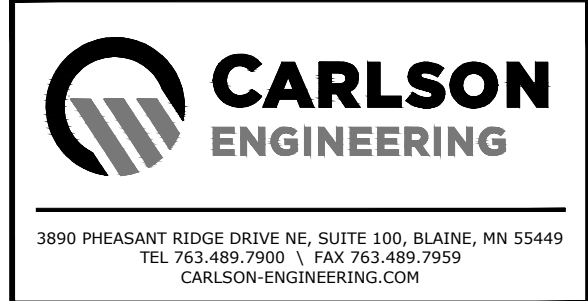


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LA CROSSE, WI 54602-2107
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FAX (608) 781-8960



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: [Signature]
Date: 01/30/25 License #: 56346

TREE PRESERVATION PLAN

CONVENIENCE STORE #1782 WITH 1-BAY CARWASH

BUNKER LAKE BLVD & ARMSTRONG BLVD NW
RAMSEY, MINNESOTA

#	DATE	DESCRIPTION
1	03/10/25	Per Owner Comments
2	04/08/25	Per City Comments

DRAWN BY: RJR
SCALE: GRAPHIC
PROJ. NO.: 11224-00
DATE: 2025-01-30
SHEET: 1782 C702