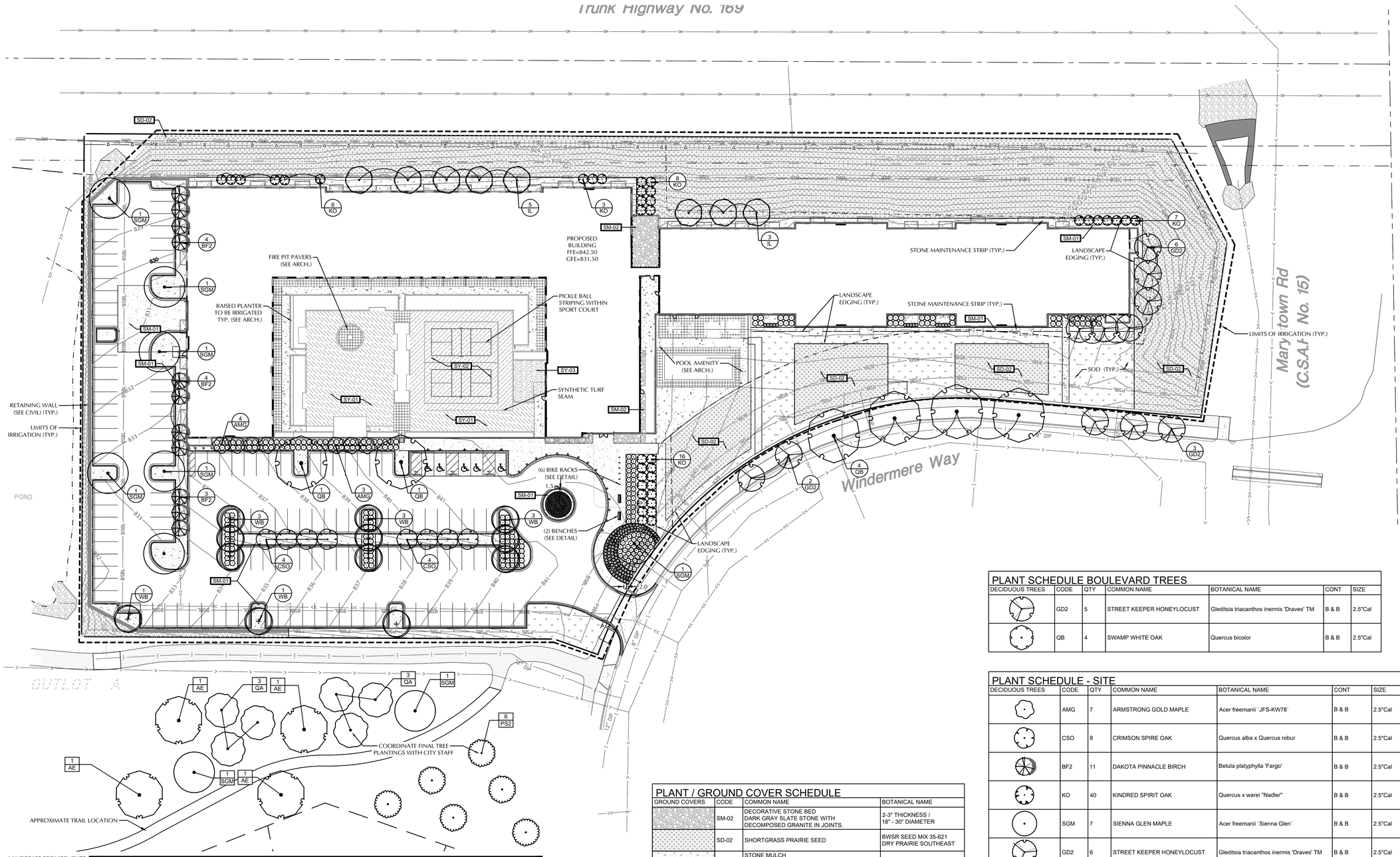

LANDSCAPE REQUIREMENTS:

LANDSCAPE AREA CALCULATION:

LOT AREA 241,235 SQ. FT. x 0.15 = 36,185 SQ. FT. LANDSCAPE AREA REQUIRED

LANDSCAPE AREA PROVIDING: = 151,375 SQ. FT. (63%)

TREE CALCULATIONS:

GROSS BUILDING FOOTPRINT: 61,885 SQ. FT.

0 - 10,000 SQ. FT. (2 TREES PER 1,000)	10,000 / 1,000	= 10 X 2	20 TREES
10,001 - 50,000 SQ. FT. (1.5 TREE PER 1,000)	50,000 / 1,000	= 50 X 2	75 TREES
50,000 -100,000(1 TREE PER 1,000)	1,016 / 1,000	= 2 x 1	1 TREE

TOTAL BUILDING FOOTPRINT TREES = 97 TREES

IMPERVIOUS AREA TREE CALC.
(IN ADDITION TO LANDSCAPING UNITS REQUIRED FOR GROSS BUILDING AREA, FOR PROJECTS WITH IMPERVIOUS AREAS WHICH EXCEED 4,000 SQUARE FEET, ONE SHADE TREE SHALL BE REQUIRED FOR EACH 4,000 SQUARE FEET OF IMPERVIOUS AREA. WHEN CALCULATING THE REQUIRED LANDSCAPING, SQUARE FEET SHALL BE ROUNDED UP TO THE NEAREST 1,000 SQUARE FEET AND PERVIOUS PAVEMENT SHALL BE EXCLUDED)(1 TREE PER 4,000 SQ. FT.)

89,860 SQ. FT. / 4,000 SQ = 22 TREES

TOTAL TREES REQUIRED: = 119 TOTAL TREES

TOTAL TREES PROVIDING: = 119 TOTAL TREES

PARKING LOT TREES:
(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. NUMBER OF TREES NEEDED TO BE PLACED WITHIN THE PARKING AREA EQUALS 1 TREE FOR EVERY TEN (10) SPACES PLUS STREET TREES AND PERIMETER LANDSCAPING)

- - SPACES / 10 = 10 TREES *(OF THE REQUIRED MUST BE PLACED IN PARKING LOT)*

SCALE 0 30 60 IN FEET

NOTE:
EXISTING CONDITIONS INFORMATION SHOWN IS FROM A BOUNDARY & TOPOGRAPHIC SURVEY PROVIDED BY LOUCKS, DATED JUNE, 2022.

CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

WARNING:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

PLANT SCHEDULE BOULEVARD TREES

DECIDUOUS TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE
	GD2	5	STREET KEEPER HONEYLOCUST	Gleditsia triacanthos inermis 'Draves' TM	B & B	2.5"Cal
	QB	4	SWAMP WHITE OAK	Quercus bicolor	B & B	2.5"Cal

PLANT SCHEDULE - SITE

DECIDUOUS TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	
	AMG	7	ARMSTRONG GOLD MAPLE	Acer freemanii `JFS-KW78`	B & B	2.5"Cal	
	CSO	8	CRIMSON SPIRE OAK	Quercus alba x Quercus robur	B & B	2.5"Cal	
	BF2	11	DAKOTA PINNACLE BIRCH	Betula platyphylla 'Fargo'	B & B	2.5"Cal	
	KO	40	KINDRED SPIRIT OAK	Quercus x warei "Nadler"	B & B	2.5"Cal	
	SGM	7	SIENNA GLEN MAPLE	Acer freemanii `Sienna Glen`	B & B	2.5"Cal	
	GD2	6	STREET KEEPER HONEYLOCUST	Gleditsia triacanthos inermis 'Draves' TM	B & B	2.5"Cal	
	QB	2	SWAMP WHITE OAK	Quercus bicolor	B & B	2.5"Cal	
	WB	12	WHITESPIRE BIRCH	Betula populifolia `Whitespire Sr.`	B & B	8` HGT	
ORNAMENTAL TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	
	IL	8	IVORY SILK TREE LILAC	Syringa reticulata `Ivory Silk`	B & B	1.5"Cal	
SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	FC	77	GOLD TIDE FORSYTHIA	Forsythia x `Courtasol` TM	5 gal		42" o.c.
	GAC	24	GREEN MOUND ALPINE CURRANT	Ribes alpinum `Green Mound`	5 gal	24" HGT	48" o.c.
	GF	170	GRO-LOW FRAGRANT SUMAC	Rhus aromatica `Gro-Low`	5 gal	24" SPRD	48" o.c.
GRASSES	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	FG	15	FEATHER REED GRASS	Calamagrostis x acutiflora `Karl Foerster`	1 gal		30" o.c.
	SH	109	PRAIRIE DROPSEED	Sporobolus heterolepis	1 gal		30" o.c.
PERENNIALS	CODE	QTY	COMMON NAME	BOTANICAL NAME	MIN CONT	MIN SIZE	SPACING
	RSP	175	RALPH SHUGERT PERIWINKLE	Vinca minor `Ralph Shugert`	TRAY		18" o.c.

PLANT / GROUND COVER SCHEDULE

GROUND COVERS	CODE	COMMON NAME	BOTANICAL NAME
	SM-02	DECORATIVE STONE BED DARK GRAY SLATE STONE WITH DECOMPOSED GRANITE IN JOINTS.	2-3" THICKNESS / 18" - 30" DIAMETER
	SD-02	SHORTGRASS PRAIRIE SEED	BWSR SEED MIX 35-621 DRY PRAIRIE SOUTHEAST
	SM-01	STONE MULCH GRAY TRAP ROCK 2 1/2 " AT 3" DEPTH OVER GEOTEXTILE FABRIC	
	SY-01	SYNTHETIC TURF XGRASS SUPERLAWN ULTIMATE OR EQUAL	
	SY-02	SYNTHETIC TURF XGRASS TENNIS COURT OR EQUAL WITH PICKLEBALL STRIPPING	
	SY-03	SYNTHETIC TURF XGRASS PET OR EQUAL	
	SOD	TURF SOD	

PLANT SCHEDULE OUTLOT A

DECIDUOUS TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE
	AE	4	ACCOLADE ELM	Ulmus `Morton`	B & B	2.5"Cal
	QA	6	QUAKING ASPEN	Populus tremuloides	B & B	2.5"Cal
	SGM	2	SIENNA GLEN MAPLE	Acer freemanii `Sienna Glen`	B & B	2.5"Cal
EVERGREEN TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE
	PS2	6	WHITE PINE	Pinus strobus	B & B, 2.5"CAL	6` HGT

THE BALANCE OF TREES REQUIRED TO MEET CITY REQUIREMENTS SHALL BE PLANTED ON CITY LOT - OUTLOT A, WINDERMERE

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Maple Grove, MN 55369
763.424.5505
www.loucksinc.com
LOUCKS PROJECT NO. 22246.0A

Certification

NOT FOR CONSTRUCTION
CITY SUBMITTAL
03.22.2023

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 Professional Landscape Architect under the laws of the state of Minnesota.

Name: Nathan Ekhoff - LA
License Number: 52050
Date Signed: XX/XX/2023

Project For
ROERS
THE BLAKELY

Project No. 22246.0A
Drawn By KVK
Checked By NWE
Date 03/22/2023

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Sheet Issues / Revisions

No.	Date	Description
	08/24/2022	SD SET
	09/14/2022	PUD AMENDMENT SUBMITTAL
	09/30/2022	DD PACKAGE
	11/18/2022	GMP PRICING SET
	12/14/2022	CITY RESUBMITTAL
	02/17/2023	FINAL PLAT SUBMITTAL
	03/22/2023	CITY SUBMITTAL

OVERALL LANDSCAPE PLAN

L1.1