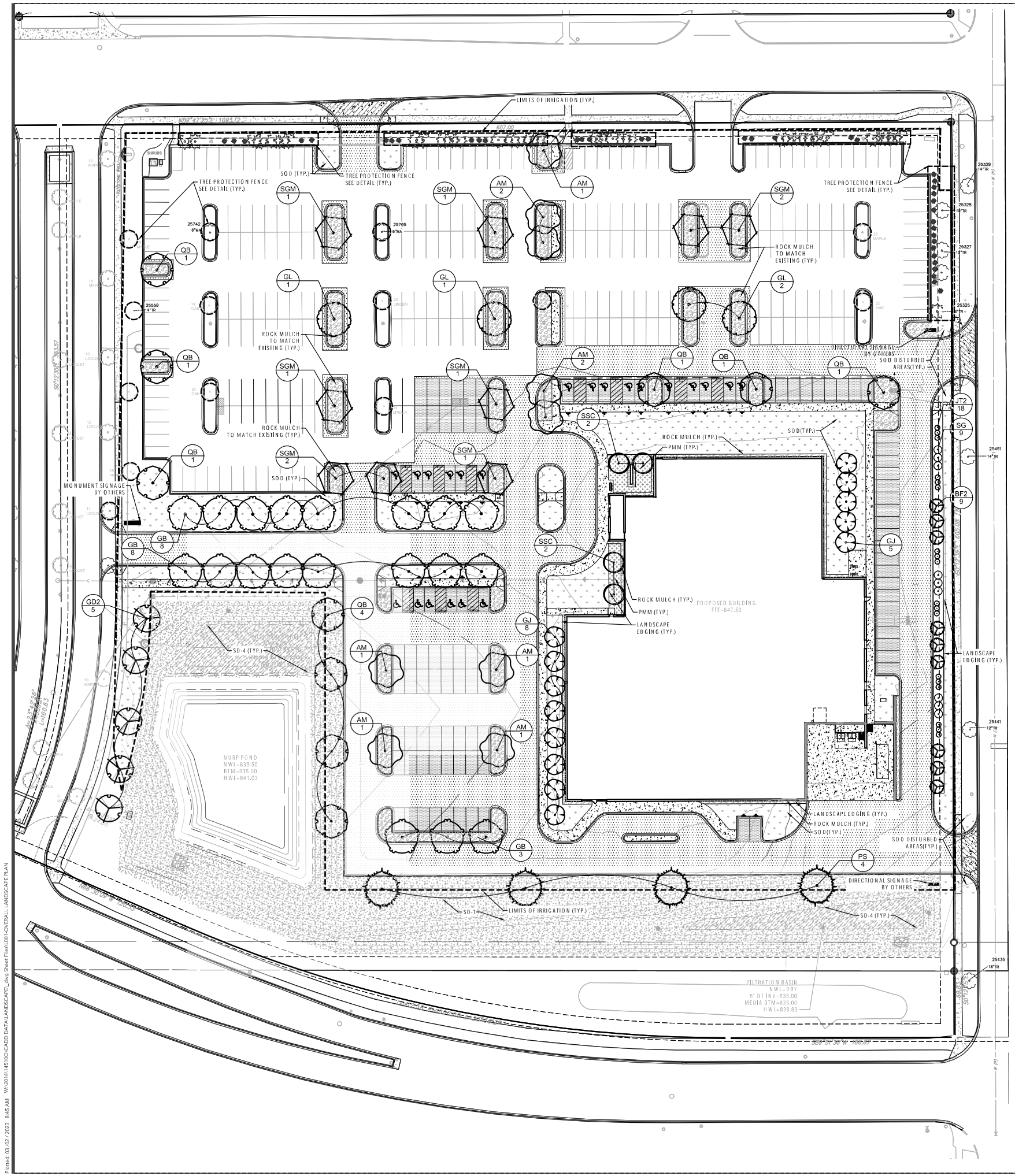

N

0 30 60

SCALE IN FEET

NOTE:
EXISTING CONDITIONS INFORMATION SHOWN IS FROM A PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY PREPARED BY LOUCKS, DATED 1/17/2023.

LEGEND

EXISTING LANDSCAPING TO REMAIN

SIGNIFICANT TREES TO REMAIN ("SEE L004 FOR TREE INVENTORY SCHEDULE")

PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.
	AM	9	ARMSTRONG MAPLE	ACER FREEMANII 'ARMSTRONG'	B & B	2.5"CAL
	BF2	9	DAKOTA PINNACLE BIRCH	BETULA PLATYPHYLLA 'FARGO'	B & B	2.5"CAL
	GL	4	GREENSPIRE LINDEN	TILIA CORDATA 'GREENSPIRE'	B & B	2.5"CAL
	GJ	13	JADE BUTTERFLIES	GINKGO BILOBA 'JADE BUTTERFLY'	B & B	2.5"CAL
	GB	19	MAGYAR GINKGO MALE NONFRUITING	GINKGO BILOBA 'MAGYAR'	B & B	2.5"CAL
	SGM	9	SIENNA GLEN MAPLE	ACER FREEMANII 'SIENNA GLEN'	B & B	2.5"CAL
	GD2	5	STREET KEEPER HONEYLOCUST	GLEDITSIA TRIACANTHOS INERMIS 'DRAVES' TM	B & B	2.5"CAL
	QB	10	SWAMP WHITE OAK	QUERCUS BICOLOR	B & B	2.5"CAL
EVERGREEN TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.
	PS	4	WHITE PINE	PINUS STROBUS	B & B, 2.5"CAL	6' HGT
ORNAMENTAL TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.
	SSC	4	SPRING SNOW CRABAPPLE	MALUS X 'SPRING SNOW'	B & B	1.5"CAL
SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	
JT2	18	TRAUTMAN JUNIPER	JUNIPERUS CHINENSIS 'TRAUTMAN'	5 GAL		
CONIFEROUS SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	
SG	9	SEA GREEN JUNIPER	JUNIPERUS CHINENSIS 'SEA GREEN'	5 GAL	18" SPRD	
GROUND COVERS	CODE	COMMON NAME	BOTANICAL NAME			
	PMM	MEADOW MIX PLUGS 18" O.C.	PER BWSR MIX 36-131			
	SD-1	SHORTGRASS PRAIRIE SEED REFER TO SPEC SECTION 32-9219	BWSR SEED MIX 35-621 DRY PRAIRIE SOUTHEAST			
	SM-2	STONE MULCH RIVER ROCK 2 1/2" DIA OVER FILTER FABRIC				
	SOD	TURF SOD				
	SD-4	WETLAND SEED MIX REFER TO SPEC SECTION 32-9219	BWSR SEED MIX 34-261 RIPARIAN SOUTH AND WEST			

GENERAL NOTES:

CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. CONTRACTOR SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.

VERIFY LAYOUT AND ANY DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.

ASSURE COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.

CONTRACTOR SHALL PROTECT ALL EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. ANY DAMAGE TO SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.

CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF ALL UNDERGROUND AND ABOVE GRADE UTILITIES. CONTRACTOR TO PROVIDE THE NECESSARY PROTECTION FOR THE UTILITIES BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS. CONTRACTOR TO NOTIFY GENERAL CONTRACTOR OF ANY CONCERNS PRIOR TO INSTALLATION OF PLANTINGS.

EXISTING CONTOURS, TRAILS, VEGETATION, CURB/GUTTER AND OTHER EXISTING ELEMENTS BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY ANY AND ALL DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.

THE ALIGNMENT AND GRADES OF THE PROPOSED WALKS, TRAILS AND/OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. ANY CHANGE IN ALIGNMENT MUST BE APPROVED BY LANDSCAPE ARCHITECT.

LANDSCAPE REQUIREMENTS:

LANDSCAPE AREA CALCULATION:

PROPERTY AREA 425,815 SQ. FT. (9.77 ACRES)

LANDSCAPE AREA REQUIRED 425,815 SQ. FT. x 0.15 = 63,872 SQ. FT.

LANDSCAPE AREA PROVIDING: = 188,179 SQ. FT. (44%)

TREE CALCULATIONS:

GROSS BUILDING FOOTPRINT: 45,810 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)	35,810 / 1,000 = 35.8 X 1.5	=	54 TREES
TOTAL BUILDING FOOTPRINT TREES		=	74 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.)

191,592 SQ. FT. / 4,000 SQ		=	48 TREES
TOTAL TREES REQUIRED:		=	122 TOTAL TREES

EXISTING TREES / LANDSCAPING TO REMAIN CREDIT CALCULATION:
(IF HEALTHY LANDSCAPING OF ACCEPTABLE SPECIES AND LOCATION EXIST ON A SITE PRIOR TO DEVELOPMENT AND IS PRESERVED, THE CITY'S ZONING ADMINISTRATOR MAY ALLOW CREDIT FOR SUCH LANDSCAPING TO MEET UP TO 30% OF THE TREES REQUIRED)

PRESERVED TREES:	*TREE CREDIT:*
EXCLUDED TREE	*NO CREDIT*
COMMON SIGNIFICANT TREE > 6 INCHES	*1 TREE*
EXCEPTIONAL SIGNIFICANT TREE > 4 INCHES	*4 TREES*
HIGH PRIORITY TREE >15 INCHES	*8 TREES*

SIGNIFICANT TREES TO REMAIN ON SITE(SEE L004 LANDSCAPE DETAILS FOR TREE INVENTORY):

3 COMMON TREES X 1 CREDIT PER TREE	3 TREES
3 EXCEPTION TREES X 4 CREDIT PER TREE	8 TREES
ASSUMED CREDITS	11 TREES

OTHER EXISTING LANDSCAPE TO REMAIN:

	25 TREES
	35 LARGE SHRUBS
	37 SMALL SHRUBS
ASSUMED CREDITS	26 TREES**
TOTAL ASSUMED CREDITS	37 TREES
TOTAL TREES PROVIDING:	= 122 TOTAL TREES (PROPOSED & EXISTING)**

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.)

232 SPACES / 10	=	24 TREES *(OF THE REQUIRED MUST BE PLACED IN PARKING LOT)*

HGA
420 North 5th Street, Suite 100
Minneapolis, Minnesota 55401
Telephone 612.758.4000

CIVIL ENGINEER/
LANDSCAPE ARCHITECT
LOUCKS
7200 HEMLOCK LANE, SUITE 300
MAPLE GROVE, MN 55369
763.424.5505

MECHANICAL/ELECTRICAL/
PLUMBING ENGINEER
DUNHAM ASSOCIATES
SOUTH 6TH ST, STE 1100
MINNEAPOLIS, MN 55402
612.465.7550

ARCHITECT
HAMMEL, GREEN AND ABRAHAMSON
420 NORTH 5TH ST, STE 100
MINNEAPOLIS, MN 55401
612.758.4000

ALLINA ST. FRANCIS REGIONAL MEDICAL CENTER

1700 ST. FRANCIS AVE
SHAKOPEE, MN 55379

AMBULATORY SURGERY CENTER

St. Francis Regional Medical Center
Park Nicollet Clinic HealthPartners
LOUCKS

PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL
7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksinc.com
LOUCKS PROJECT NO. 14510D

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

NOT FOR CONSTRUCTION

NAME: KEVIN VANDEN LA
DATE: FEBRUARY 3, 2023
REGISTRATION NUMBER: 53757

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 2401-055-00

OVERALL LANDSCAPE PLAN

DATE: MARCH 03, 2023

PUD City Submittal

L001

Plotted: 03 /02 / 2023 8:45 AM W:\2014\14510\CADD DATA\LANDSCAPE\...dwg Sheet Plot:\L001-OVERALL LANDSCAPE PLAN

©COPYRIGHT HGA ARCHITECTS AND ENGINEERS, LLP