GENERAL NOTES: _____

- CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS RELATING TO THE NATURE AND SCOPE OF THE WORK.
- CONTRACTOR SHALL VERIFY PLAN LAYOUT AND DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.
- CONTRACTOR SHALL ASSURE COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK AND/OR MATERIALS SUPPLIED.
- CONTRACTOR SHALL SECURE ALL NECESSARY BUILDING PERMITS REQUIRED TO CONSTRUCT ALL OR ANY ITEMS WITHIN THIS SET OF DRAWINGS.
- CONTRACTOR SHALL PROTECT EXISTING STRUCTURES, TREES TO BE PRESERVED, ROADS, AND OTHER SITE ELEMENTS DURING CONSTRUCTION OPERATIONS. DAMAGE TO THE SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY AND/OR REGULATORY PROTECTION FOR SAME BEFORE CONSTRUCTION AND/OR MATERIAL INSTALLATION BEGINS.
- LANDSCAPE CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE..
- EXISTING CONTOURS, SPOT ELEVATIONS, STRUCTURE LOCATIONS, VEGETATION, ROADWAYS AND UTILITY STRUCTURES ARE BASED UPON INFORMATION SUPPLIED TO THE LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY OWNER AND LANDSCAPE ARCHITECT OF SAME.
- NO PLANTS WILL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES
- ADJUSTMENTS IN LOCATIONS OF PROPOSED PLANT MATERIALS MAY BE REQUIRED IN THE FIELD. NOTIFY OWNER AND LANDSCAPE ARCHITECT PRIOR TO MAKING ADJUSTMENTS.
- THIS DRAWING SET DOES NOT INCLUDE IRRIGATION DRAWINGS. LANDSCAPE CONTRACTOR SHALL PROVIDE IRRIGATION DESIGN, MATERIALS AND INSTALLATION. CONTRACTOR SHALL PROVIDE OWNER AND LANDSCAPE ARCHITECT WITH PROPOSED IRRIGATION DESIGN FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION OF IRRIGATION MATERIALS.
- CONTRACTOR SHALL CONTACT PUBLIC UTILITIES FOR LOCATIONS OF UNDERGOUND WIRES. CABLES. CONDUITS. PIPES, MANHOLES, VALVES, OR OTHER BURIED STRUCTURES BEFORE DIGGING. CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE IF DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.

PLANTING NOTES: -

- SEE SPECIFICATIONS FOR APPROVED PLANTING SEASONS AND FOR PLANT AND SEED MAINTENANCE AND WARRANTY REQUIREMENTS.
- CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION OF LANDSCAPE AND SITE IMPROVEMENTS PRIOR TO SUBMITTING FINAL PAY REQUEST.
- CONTRACTOR IS RESPONSIBLE FOR ONGOING MAINTENANCE OF NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE.
- PLANTS TO BE APPROVED PRIOR TO INSTALLATION.
- REFER TO PLANTING DETAILS AND NOTES FOR MORE INFORMATION.

34TH ST INTERSECTION COMPREHENSIVE PLANT SCHEDULE									
GRASSES	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	
BO GR	SIDEOATS GRAMA 'BLONDE AMBITION'	BOUTELOUA GRACILIS 'BLONDE AMBITION'	78	CONT	#1	24" O.C.	2' - 3'	2' - 3'	
PERENNIALS	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	
WI CI	WINDY CITY ORNAMENTAL ONION	ALLIUM ' WINDY CITY'	77	CONT	#1	18" O.C.	15" - 17"	15" - 17"	
PE AT	LITTLE SPIRE RUSSIAN SAGE	PEROVSKIA ATRIPLOCOFOLIA 'LITTLE SPIRE'	81	CONT	#1	18" O.C.	18" - 2'	18" - 2'	
AU JO	AUTUMN JOY SEDUM	SEDUM SPECTABILE 'AUTUMN JOY'	22	CONT	#1	24" O.C.	18" - 24"	18" - 24"	
BULBS	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	NOTES
TR DA	TRUMPET DAFFODIL 'ORANGE SUNSET'	NARCISSUS TRUMPET 'ORANGE SUSNSET'	228 BULBS	BAG (25 BULBS/BAG)	N/A	6" O.C.	8" - 12"	12" - 16"	CONTRACTOR TO INSTALL BULBS FROM SEPTEMBER - MID-OCTOBER. SOURCE: K.VAN BOURGONDIEN, WWW.DUTCHBULBS.COM, OR APPROVED EQUAL

36TH ST INTERSECTION COMPREHENSIVE PLANT SCHEDULE									
CONIFEROUS SHRUBS	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	NOTES
EXISTING ARBORVITAE			5						5 LIVING CONIFEROUS SHRUBS IN THE NORTHERN BED AT 36TH ST N. INDIVIDUAL SHRUBS MAY NEED TO BE REMOVED AND REPLACED. CONTRACTOR TO CONFIRM QUALITY AND HEALTH PRIOR TO DEMO.
SE GR	SEA GREEN JUNIPER	JUNIPERUS X PFITZERIANA 'SEA GREEN'	6	CONT	#5	60" O.C.	5' - 7'	3' - 4'	
GRASSES	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	NOTES
BO GR	SIDEOATS GRAMA 'BLONDE AMBITION'	BOUTELOUA GRACILIS 'BLONDE AMBITION'	34	CONT	#1	24" O.C.	2' - 3'	2' - 3'	
PERENNIALS	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	NOTES
WI CI	WINDY CITY ORNAMENTAL ONION	ALLIUM ' WINDY CITY'	55	CONT	#1	18" O.C.	15" - 17"	15" - 17"	
BULBS	COMMON NAME	BOTANICAL NAME	QTY.	ROOT	SIZE	SPACING	MATURE WIDTH	MATURE HT	NOTES
TR DA	TRUMPET DAFFODIL 'ORANGE SUNSET'	NARCISSUS TRUMPET 'ORANGE SUNSET'	189 BULBS	BAG (25 BULBS/BAG)	N/A	6" O.C.	8" - 12"	12" - 16"	CONTRACTOR TO INSTALL BULBS FROM SEPTEMBER - MID-OCTOBER. SOURCE: K.VAN BOURGONDIEN, WWW.DUTCHBULBS.COM, OR APPROVED EQUAL

PLANT IMAGE SCHEDULE:



COMMON NAME: SEA GREEN JUNIPER **BOTANICAL NAME:** JUNIPERUS x PFITZERIANA 'SEA GREEN'



COMMON NAME: SIDEOATS GRAMA 'BLONDE AMBITION **BOTANICAL NAME:**



COMMON NAME: LITTLE SPIRE RUSSIAN SAGE **BOTANICAL NAME:** BOUTELOUA GRACILIS 'BLONDE AMBITION' PEROVSKIA ATRIPLOCOFOLIA 'LITTLE SPIRE'



COMMON NAME: WINDY CITY ORNAMENTAL ONION **BOTANICAL NAME:** ALLIUM 'WINDY CITY"



COMMON NAME: **AUTUMN JOY SEDUM BOTANICAL NAME:** SEDUM SPECTABILE 'AUTUMN JOY'



COMMON NAME: TRUMPET DAFFODIL 'ORANGE SUNSET' **BOTANICAL NAME:** NARCISSUS TRUMPET ' ORANGE SUNSET'

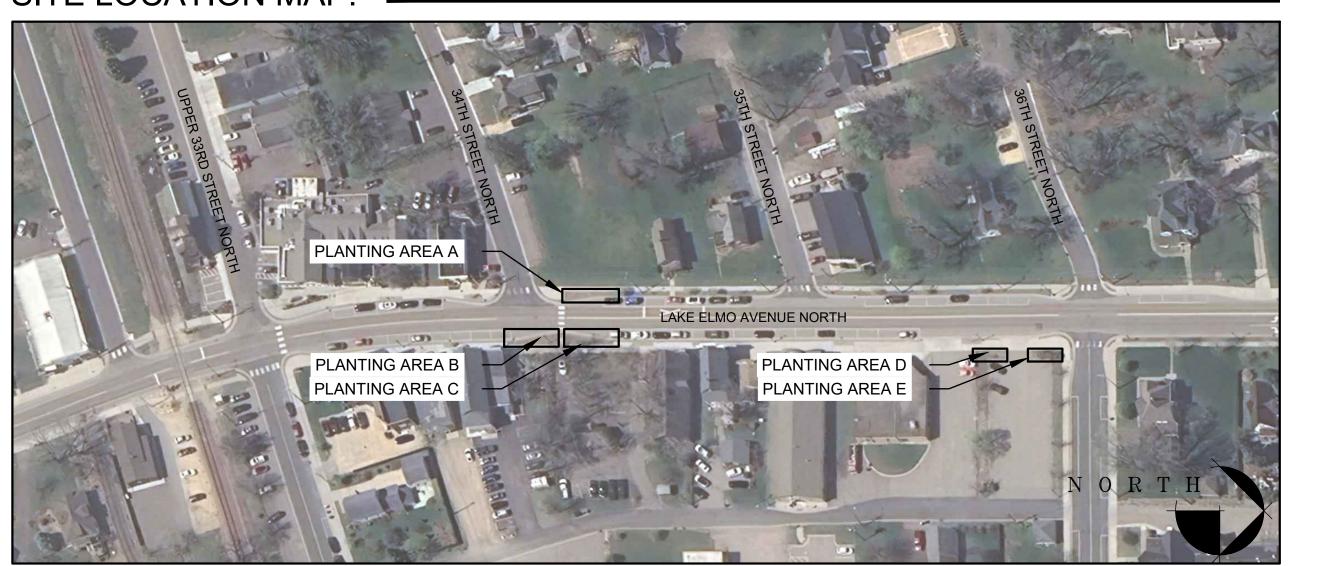
SHEET INDEX:

GENERAL NOTES

EXISTING CONDITIONS & DEMOLITION PLAN LD-100

SPRING PLANTING PLAN FALL PLANTING PLAN LP-500 LANDSCAPE DETAILS

SITE LOCATION MAP:





MINNEAPOLIS, MN 55401

I hereby ceritfy that this plan 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.

01.01.01

01.01.01

Signature

Registration No.

Date

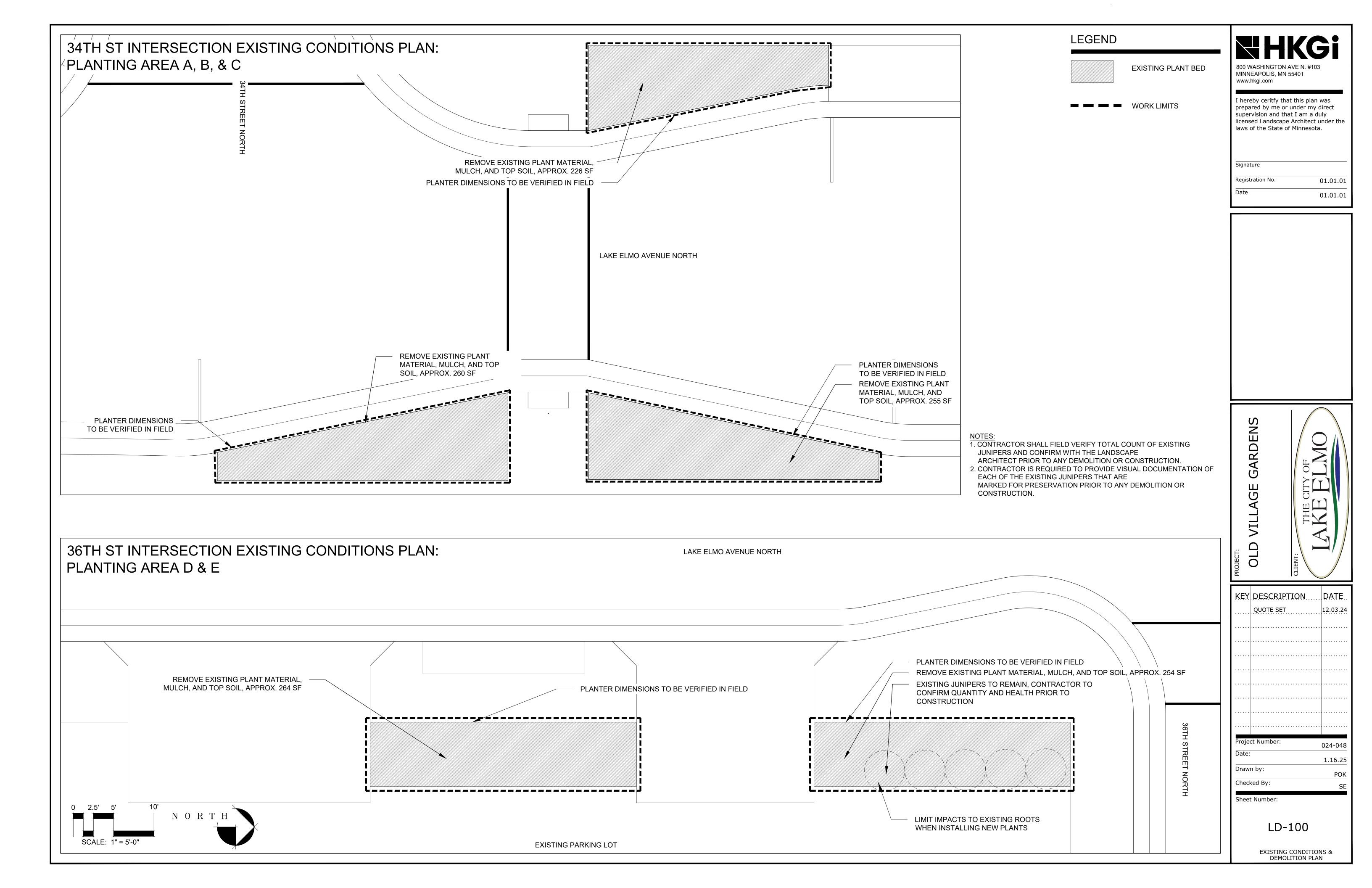
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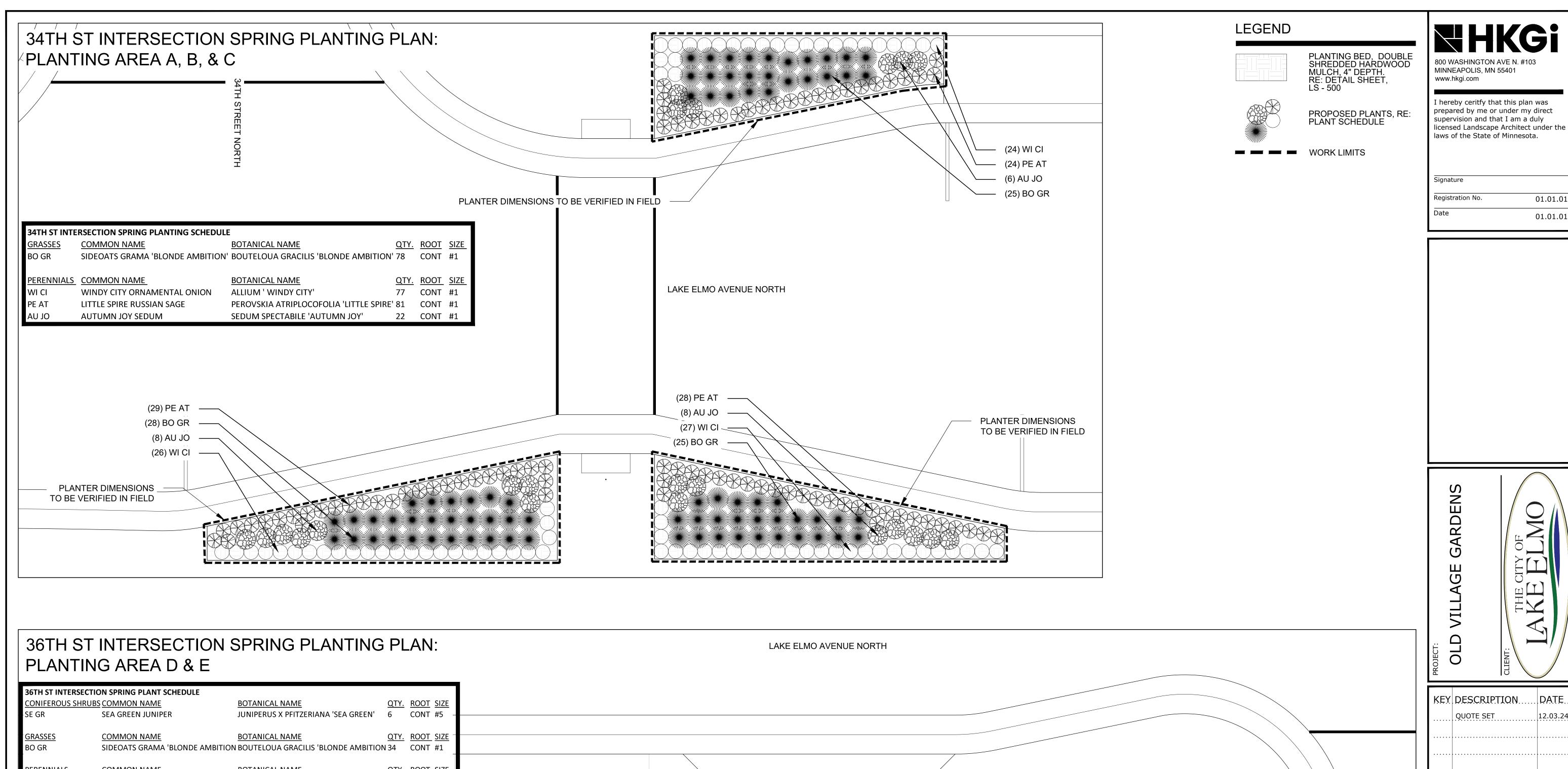
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GENERAL NOTES

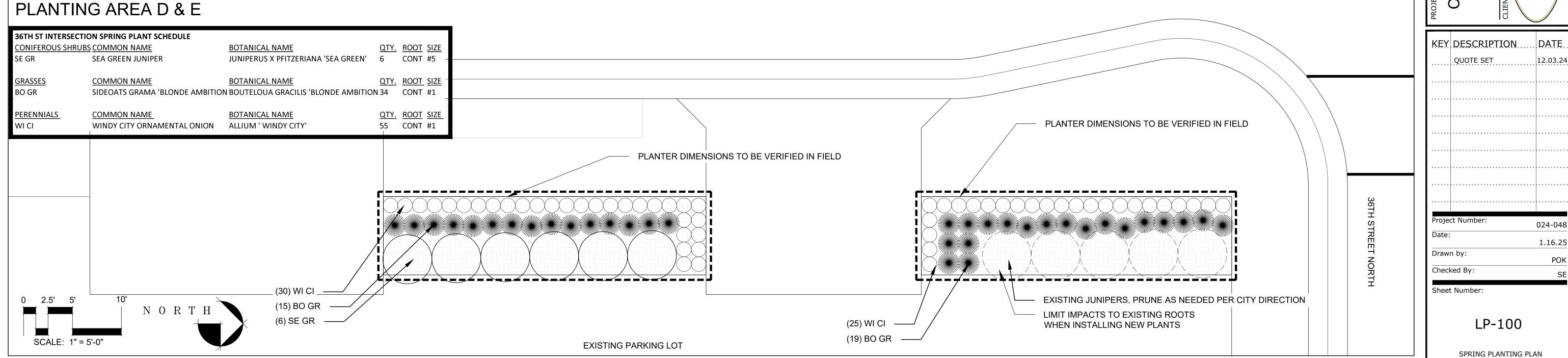


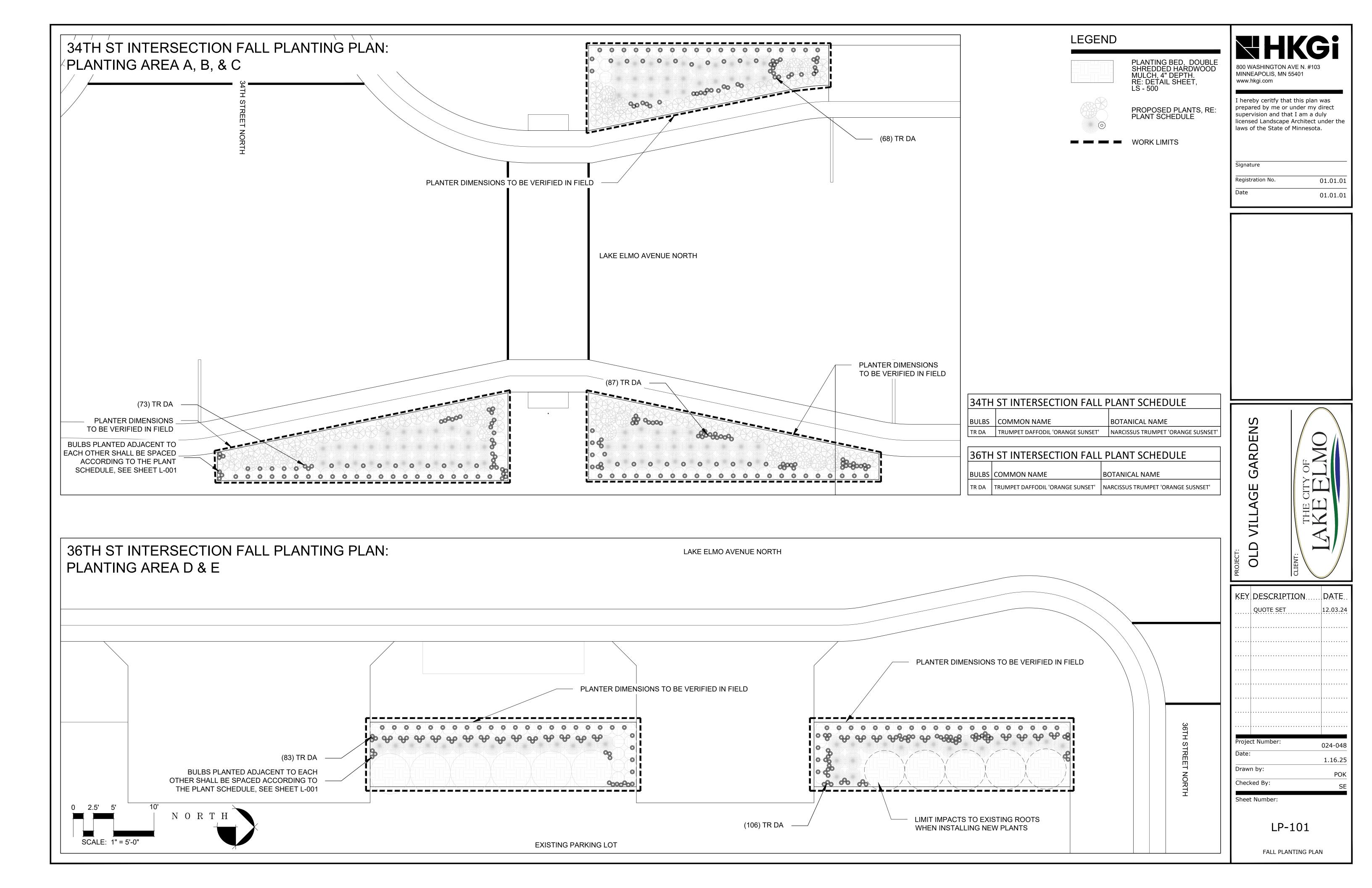


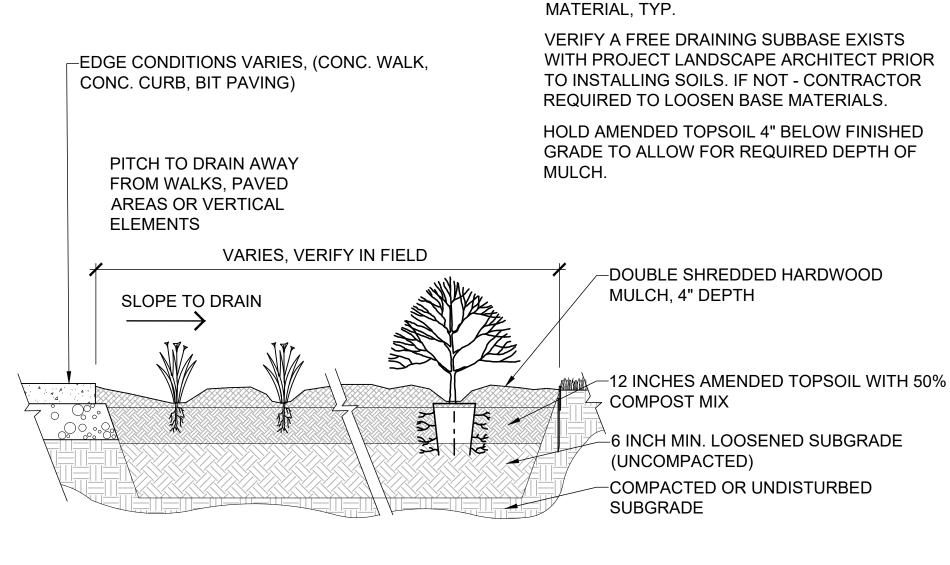
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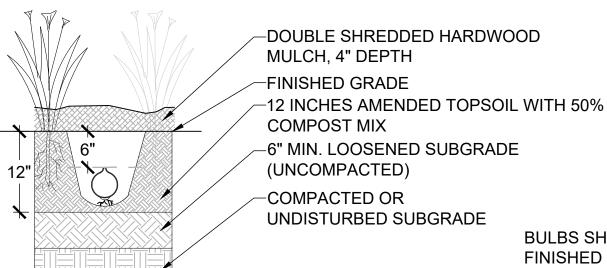






1 SHRUB & PERENNIAL PLANTING

BULB PLANTING



BULBS SHALL BE PLACED 6" BELOW THE FINISHED GRADE OF THE LANDSCAPE BED

REFER TO PLANTING SPECIFICATION NOTES FOR ADDITIONAL INFORMATION.

VERIFY A FREE DRAINING SUBBASE EXISTS WITH PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLING SOILS. IF NOT - CONTRACTOR REQUIRED TO LOOSEN BASE MATERIALS.

HOLD AMENDED TOPSOIL 4" BELOW FINISHED GRADE TO ALLOW FOR REQUIRED DEPTH OF MULCH.

HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL, TYP. PLANTING SPECIFICATION NOTES: -

- 1. CONTRACTOR TO SOURCE CONTAINER-GROWN STOCK FOR PROPOSED SHRUBS AND PERENNIALS.
- 1.1. DEFINITION OF CONTAINER-GROWN STOCK: HEALTHY, VIGOROUS, WELL-ROOTED EXTERIOR PLANTS GROWN IN A CONTAINER WITH WELL-ESTABLISHED ROOT SYSTEM REACHING SIDES OF CONTAINER AND MAINTAINING A FIRM BALL WHEN REMOVED FROM CONTAINER. CONTAINER SHALL BE RIGID ENOUGH TO HOLD BALL SHAPE AND PROTECT ROOT MASS DURING SHIPPING AND BE SIZED ACCORDING TO ANSI Z60.1 FOR KIND, TYPE, AND SIZE OF EXTERIOR PLANT REQUIRED.
- 1.2. PLANT MATERIAL MUST HAVE BEEN GROWN IN THE LAST TWO YEARS WITHIN SAME USDA PLANT HARDINESS ZONE OR HAVE ROOT STOCK OR SEED FROM WITHIN SAME USDA PLANT HARDINESS ZONE OF PROJECT LOCATION.

2. TREE AND SHRUB MATERIAL

- 2.1. DECIDUOUS SHRUBS
 - 1.1. FORM AND SIZE: DECIDUOUS SHRUBS WITH NOT LESS THAN THE MINIMUM NUMBER OF CANES REQUIRED BY AND MEASURED ACCORDING TO ANSI Z60.1 FOR TYPE, SHAPE, AND HEIGHT OF SHRUB.
- 2.1.1.1. PROVIDE CONTAINER-GROWN SHRUB
- 2.2. CONIFEROUS EVERGREENS
 - FORM AND SIZE: NORMAL-QUALITY, WELL-BALANCED, CONIFEROUS EVERGREENS, OF TYPE, HEIGHT, SPREAD, AND SHAPE REQUIRED, COMPLYING WITH ANSI Z60.1.

2.3. PERENNIALS

- 2.3.1. PERENNIALS: PROVIDE HEALTHY, FIELD-GROWN PLANTS FROM A COMMERCIAL NURSERY, OF SIZE, SPECIES, AND VARIETY SHOWN OR LISTED. CONTACT LANDSCAPE ARCHITECT IF SPECIES SUBSTITUTIONS MAY BE REQUIRED. DO NOT MAKE SPECIES SUBSTITUTIONS WITHOUT WRITTEN APPROVAL OF LANDSCAPE ARCHITECT.
- 2.4. CONTRACTOR TO INSTALL PLANTS PER SEASON AS NOTED ON PLANS.
- 2.4.1. SPRING PLANTING (SHRUBS AND PERENNIALS): LAST WEEK OF MAY LABOR DAY
- 2. FALL PLANTING (BULBS): SEPTEMBER 15 NOVEMBER 15 (SO LONG AS GROUND IS
- 3. HARDWOOD SHREDDED MULCH: MNDOT 3890 TYPE 2. FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES, SHRUBS, AND PLANTING BEDS, APPLIED IN A 4" LAYER CONSISTING THE FOLLOWING:
- 3.1. TYPE: NATURAL SHREDDED HARDWOOD, UN-DYED, NO PIECES GREATER THAN 1/2 INCH DIAMETER AND 3 INCH LENGTH.
- 4. SET BALLED AND POTTED OR CONTAINER-GROWN STOCK PLUMB AND IN CENTER OF PIT OR TRENCH WITH TOP OF ROOT BALL 1 -2 INCHES ABOVE ADJACENT FINISH GRADES.
- 4.1. CAREFULLY REMOVE ROOT BALL FROM CONTAINER WITHOUT DAMAGING ROOT BALL OR PLANT. IF CIRCLING ROOTS ARE PRESENT, USING A SHARP TOOL, SHAVE OFF NO MORE THAN 1" OF EXTERIOR OF ROOT BALL TO PRUNE CIRCLING ROOTS AND ENCOURAGE NEW ROOT GROWTH.
- 4.2. PLACE PLANTING SOIL MIX AROUND ROOT BALL IN LAYERS, TAMPING TO SETTLE MIX AND ELIMINATE VOIDS AND AIR POCKETS. WHEN PIT IS APPROXIMATELY ONE-HALF BACKFILLED, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE WATER IS ABSORBED. WATER AGAIN AFTER PLACING AND TAMPING FINAL LAYER OF PLANTING SOIL MIX.

5. CLEAN-UP AND PROTECTION

- 5.1. DURING EXTERIOR PLANTING, KEEP ADJACENT PAVINGS AND CONSTRUCTION CLEAN AND WORK AREA IN AN ORDERLY CONDITION.
- 5.2. PROTECT EXTERIOR PLANTS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS, OPERATIONS BY OTHER CONTRACTORS AND TRADES, AND OTHERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR, OR REPLACE DAMAGED EXTERIOR PLANTING.

SOIL SPECIFICATION NOTES:

CONTRACTOR TO SUPPLEMENT LANDSCAPE BEDS WITH ORGANIC SOIL AMENDMENTS.
 PLANTING BED SOIL MIX: MIX 6" TOPSOIL WITH 6" MNDOT TYPE II COMPOST OVER ENTIRE

AREA OF PLANTING BED. REFER TO SOIL AND COMPOST SPECIFICATIONS LISTED BELOW:

1.1.1. TOPSOIL: ASTM D 5268, PH RANGE OF 5.5 TO 7, WITHIN A RANGE OF 3-20 PERCENT ORGANIC MATERIAL CONTENT; FREE OF STONES 1 INCH (25 MM) OR LARGER IN ANY

DIMENSION AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH.

1.1.2. COMPOST: MNDOT 3890 TYPE 2 COMPOST. WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, PH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 1-INCH (25-MM) SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M; NOT EXCEEDING 0.5 PERCENT INERT

CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS; AND AS FOLLOWS: 1.1.2.1. COMPOST SHALL BE REGISTERED FOR SALE WITH THE STATE OF MINNESOTA

1.1.2.2. COMPOST SHALL MEET THE MINNESOTA POLLUTION CONTROL AGENCY

REQUIREMENTS FOR ALLOWABLE LEVELS OF ANY INHERENT CONTAINMENTS

1.1.2.3. SOURCES: HTTP://WWW.DOT.STATE.MN.US/PRODUCTS/LANDSCAPING/COMPOST.HTML

2. PLANTING BED PREPARATION

2.1. LOOSEN SUBGRADE OF PLANTING BEDS TO A MINIMUM DEPTH OF 6 INCHES (150 MM) BELOW IDENTIFIED EXCAVATION DEPTH. REMOVE STONES LARGER THAN 2 INCHES (50 MM) IN ANY DIMENSION AND STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.

2.1.1. THOROUGHLY BLEND PLANTING BED SOIL MIX BEFORE PLANTING

2.2. SPREAD PLANTING BED SOIL MIX TO THE DEPTH IDENTIFIED ON PLANS (12" FOR PERENNIAL PLANTING BEDS) BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. DO NOT SPREAD IF PLANTING BED SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET.

MAINTENANCE SPECIFICATION NOTES: —

- 1. SHRUBS: MAINTAIN FOR THE FOLLOWING MAINTENANCE PERIOD BY PRUNING, CULTIVATING, WATERING, WEEDING, FERTILIZING, AND RESETTING TO PROPER GRADES OR VERTICAL POSITION, AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. SPRAY AS REQUIRED TO KEEP SHRUBS FREE OF INSECTS AND DISEASE.
- 1.1. MAINTENANCE PERIOD: ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- 2. PERENNIALS AND BULBS: MAINTAIN FOR THE FOLLOWING MAINTENANCE PERIOD BY WATERING, WEEDING, FERTILIZING, AND OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS.
- 2.1. MAINTENANCE PERIOD: ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION

3. DISPOSALS

DISPOSAL: REMOVE SURPLUS SOIL AND WASTE MATERIAL, INCLUDING EXCESS SUBSOIL, UNSUITABLE SOIL, TRASH, AND DEBRIS, AND LEGALLY DISPOSE OF THEM OFF OWNER'S PROPERTY.

HKG

800 WASHINGTON AVE N. #103 MINNEAPOLIS, MN 55401 www.hkgi.com

I hereby ceritfy that this plan 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.

Signature

Registration No.

_____ Date

01.01.01

01.01.01

OLD VILLAGE GARDENS

THE CITY OF

LAKE BLMO

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LANDSCAPE DETAILS