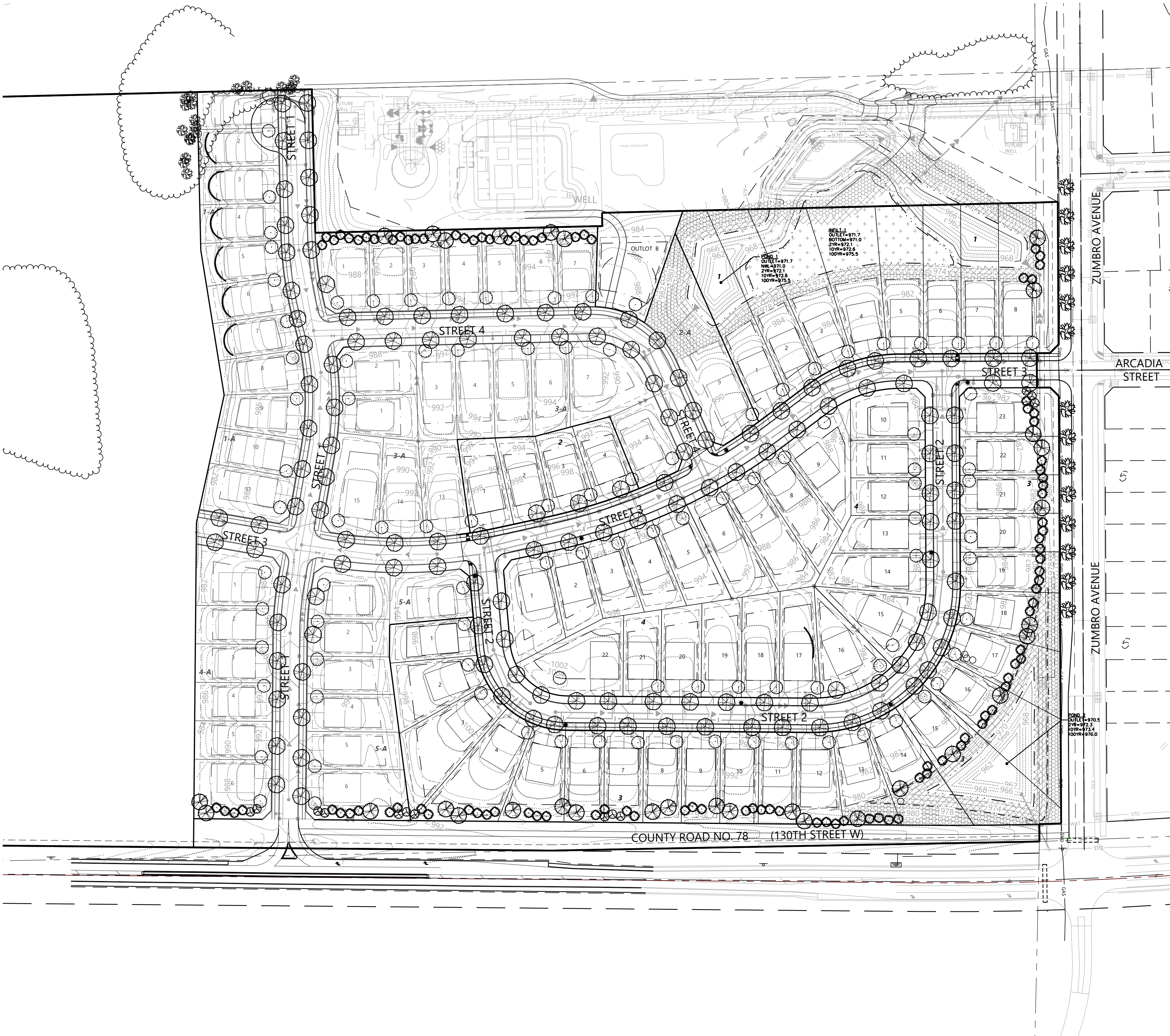




Call 48 Hours before digging:

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Common Ground Alliance

FINAL OVERALL PLANT SCHEDULE

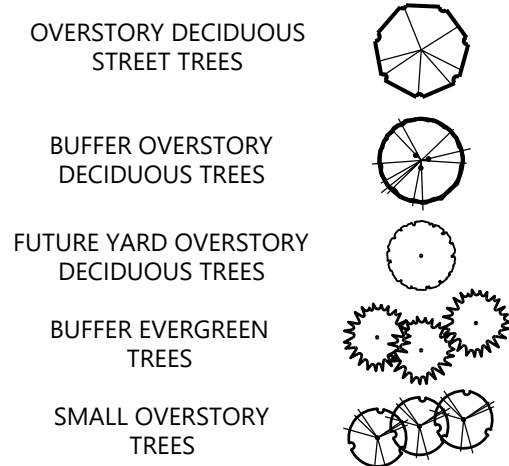
CODE	QTY.	COMMON/BOTANICAL NAME	SIZE	SPACING O.C.	MATURE SIZE
OVERSTORY TREES					
ABM	24	*Autumn Blaze Maple / Acer x freemanii 'Jeffersred'	2.5" BB	AS SHOWN	H 50'-60' W 40'
SGM	7	*Sienna Glen Maple / Acer x freemanii 'Sienna'	2.5" BB	AS SHOWN	H 50'-60' W 40'
NWM	23	Northwood Maple / Acer rubrum 'Northwood'	2.5" BB	AS SHOWN	H 50' W 35'
REO	10	Red Oak / Quercus rubra	2.5" BB	AS SHOWN	H 60'-80' W 40'-50'
SWO	23	Swamp White Oak / Quercus bicolor	2.5" BB	AS SHOWN	H 50'-60' W 40'-50'
FYL	15	Frontyard Linden / Tilia americana 'Frontyard'	2.5" BB	AS SHOWN	H 60'-70' W 30'-40'
BOL	11	Boulevard Linden / Tilia americana 'Boulevard'	2.5" BB	AS SHOWN	H 60'-70' W 25'-30'
PRE	11	Princeton Elm / Ulmus americana 'Princeton'	2.5" BB	AS SHOWN	H 60' W 40'
ACE	22	Accolade Elm / Ulmus japonica x wilsoniana 'Morton'	2.5" BB	AS SHOWN	H 70' W 40'-50'
IMH	8	Imperial Honeylocust / Gleditsia tricanthos var. inermis 'Impcole'	2.5" BB	AS SHOWN	H 40' W 30'-35'
SKH	12	Skyline Honeylocust / Gleditsia tricanthos var. inermis 'Skycole'	2.5" BB	AS SHOWN	H 50' W 30'-35'

ORNAMENTAL TREES					
SSC	7	Spring Snow Crab / Malus 'Spring Snow'	1.5" BB	AS SHOWN	H 20'-25' W 15'-20'
PFC	6	Prairiefire Crab / Malus 'Prairiefire'	1.5" BB	AS SHOWN	H 15'-20' W 20'

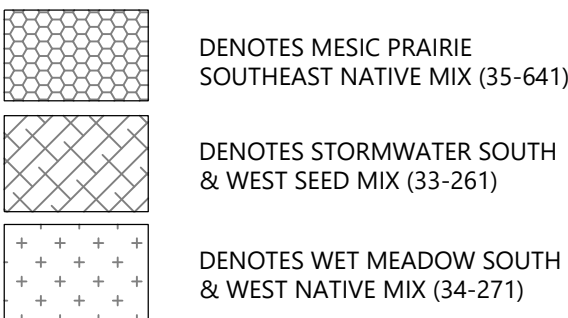
CONIFEROUS TREES					
BHS	18	*Black Hills Spruce / Picea glauca densata	6' HT. BB	AS SHOWN	H 30'-40' W 20'-30'
CGS	16	Colorado Spruce / Picea pungens	6' HT. BB	AS SHOWN	H 30'-40' W 20'-30'
NOS	21	Norway Spruce / Picea abies	6' HT. BB	AS SHOWN	H 60'-80' W 25'-30'
NOP	15	Norway Pine / Pinus resinosa	6' HT. BB	AS SHOWN	H 50'-80' W 30'-40'
SCP	12	Scotch Pine / Pinus sylvestris	6' HT. BB	AS SHOWN	H 40'-60' W 30'-40'
WHP	21	White Pine / Pinus strobus	6' HT. BB	AS SHOWN	H 50'-80' W 30'-40'

NOTE: TREES MARKED WITH * INDICATE LIMITED USE SPECIES IN CITY OF SHAKOPEE. QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.

PLANT LEGEND



NATIVE SEEDING LEGEND



* ALL DISTURBED AREAS TO BE SODDED UNLESS NOTED OTHERWISE
* TURF WITHIN R/W TO BE HYDROSEEDDED.
* SEE CITY OF SHAKOPEE 3 YEAR NATIVE PLANT SEEDING & MAINTENANCE PLAN REQUIREMENTS BEFORE BEGINNING WORK.
* SEE FINAL GRADING PLAN FOR DETAILED SEEDING INFORMATION

OVERALL SINGLE FAMILY LANDSCAPE REQUIREMENTS

SINGLE FAMILY RESIDENTIAL REQUIREMENTS: * EACH LOT SHALL HAVE A MINIMUM OF 2 NON-ORNAMENTAL TREES IN THE FRONT YARD. ONE MAY BE LOCATED IN REAR OR SIDE YARD DUE TO SPACE LIMITATIONS. (101 PROPOSED SINGLE FAMILY LOTS)	202 TREES
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TREE REPLACEMENT REQUIREMENTS

TREE REPLACEMENT REQUIREMENTS: (SEE CALCULATIONS ON TREE PRESERVATION TABLE SHEET)	46 TREES
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OVERALL PROJECT PROVISIONS

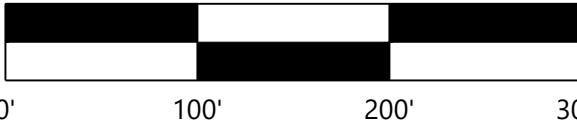
TOTAL LANDSCAPING REQUIRED:	389 TREES
* DECIDUOUS STREET TREES:	141 TREES
* DECIDUOUS YARD TREES:	101 TREES
* BUFFER DECIDUOUS TREES:	31 TREES
* BUFFER CONIFEROUS TREES:	103 TREES
* BUFFER ORNAMENTAL TREES:	13 TREES

NOTES:

- STREET TREE LOCATIONS AND SPACING ARE SUBJECT TO CHANGE BASED ON CONSTRUCTED DRIVEWAY AND UTILITY LOCATIONS.
- TREES SHALL BE PLANTED AS INDICATED IN A LOCATION THAT DOES NOT INTERFERE WITH CURBSTOPS OR INDIVIDUAL SEWER & WATER CONNECTIONS. (5' MIN. SEPARATION REQUIRED)
- NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.



1" = 100'



DESIGNED:	FDH III
CHECKED:	FDH II
DRAWN:	FDH III
HORIZONTAL SCALE:	####
VERTICAL SCALE:	### OR ###

INITIAL ISSUE:	06/01/21
REVISIONS:	
△	06/16/21 TAKEOFF REVISIONS
△	07/20/21 CITY AND SPUC REDLINES
△	08/06/21 QUANTITY TAKEOFF
△	08/20/21 CITY'S 2ND SET REDLINES

PREPARED FOR:

DR HORTON, INC. - MINNESOTA

20860 KENBRIDGE COURT, SUITE 100
LAKEVILLE, MINNESOTA, 55044

I HEREBY CERTIFY 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

Nicholas T. Meyer
NICHOLAS T. MEYER
DATE: 08/06/21 LICENSE NO. 53774

WINDERMERE SOUTH 5TH
ADDITION

SHAKOPEE, MN

Westwood

Phone (952) 937-5150 12701 Whitewater Drive, Suite #300
Fax (952) 937-5822 Minneapolis, MN 55343
Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

OVERALL FINAL
LANDSCAPE PLAN

PROJECT NUMBER: 0029534.00

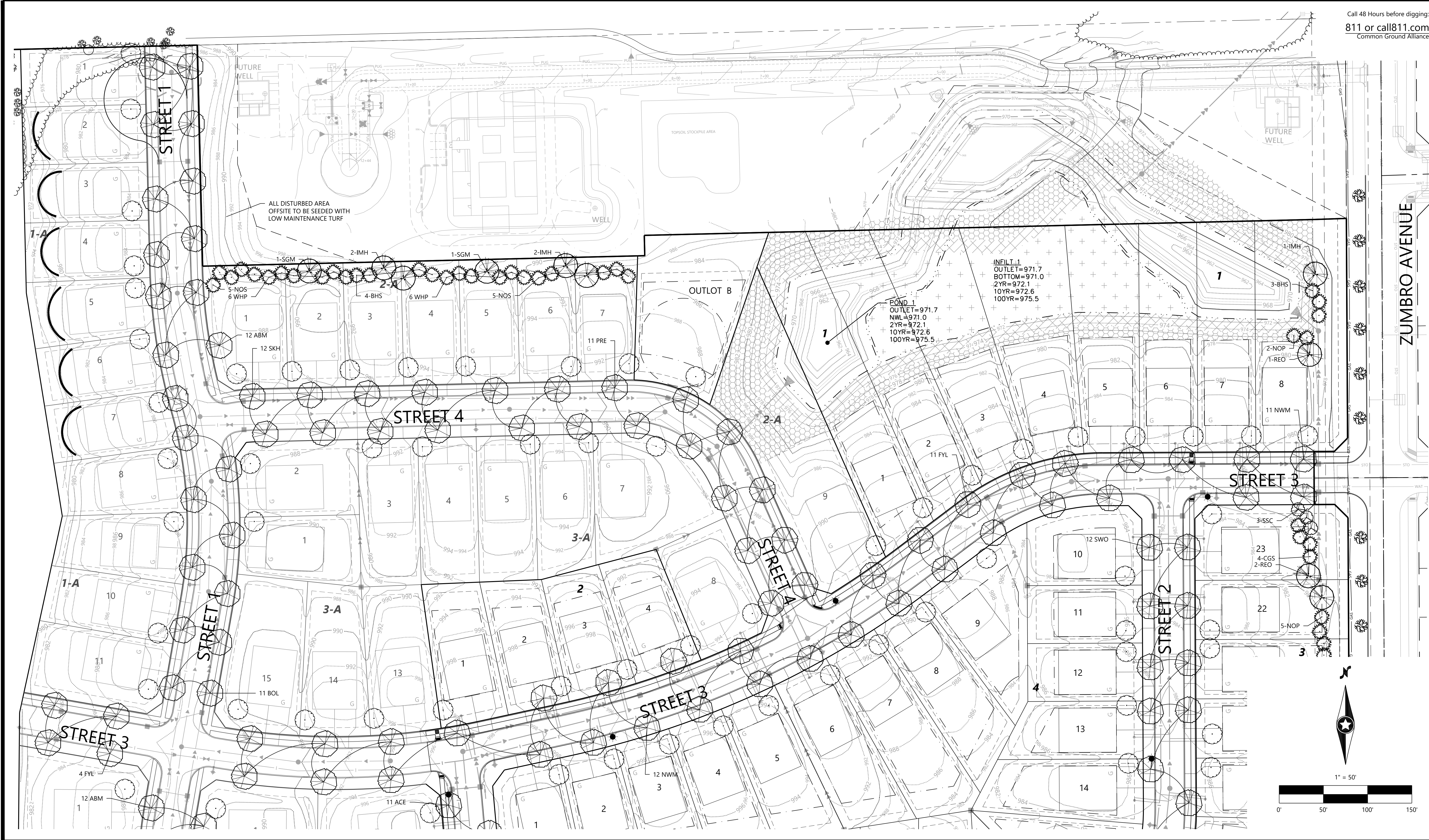
SHEET NUMBER:

47

OF

51

DATE: 08/06/21



DESIGNED:	FDH III
CHECKED:	FDH II
DRAWN:	FDH III
HORIZONTAL SCALE:	*****
VERTICAL SCALE:	## OR ##

INITIAL ISSUE:	06/01/21
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PREPARED FOR:	DR HORTON, INC. - MINNESOTA
	20860 KENBRIDGE COURT, SUITE 100 LAKEVILLE, MINNESOTA, 55044

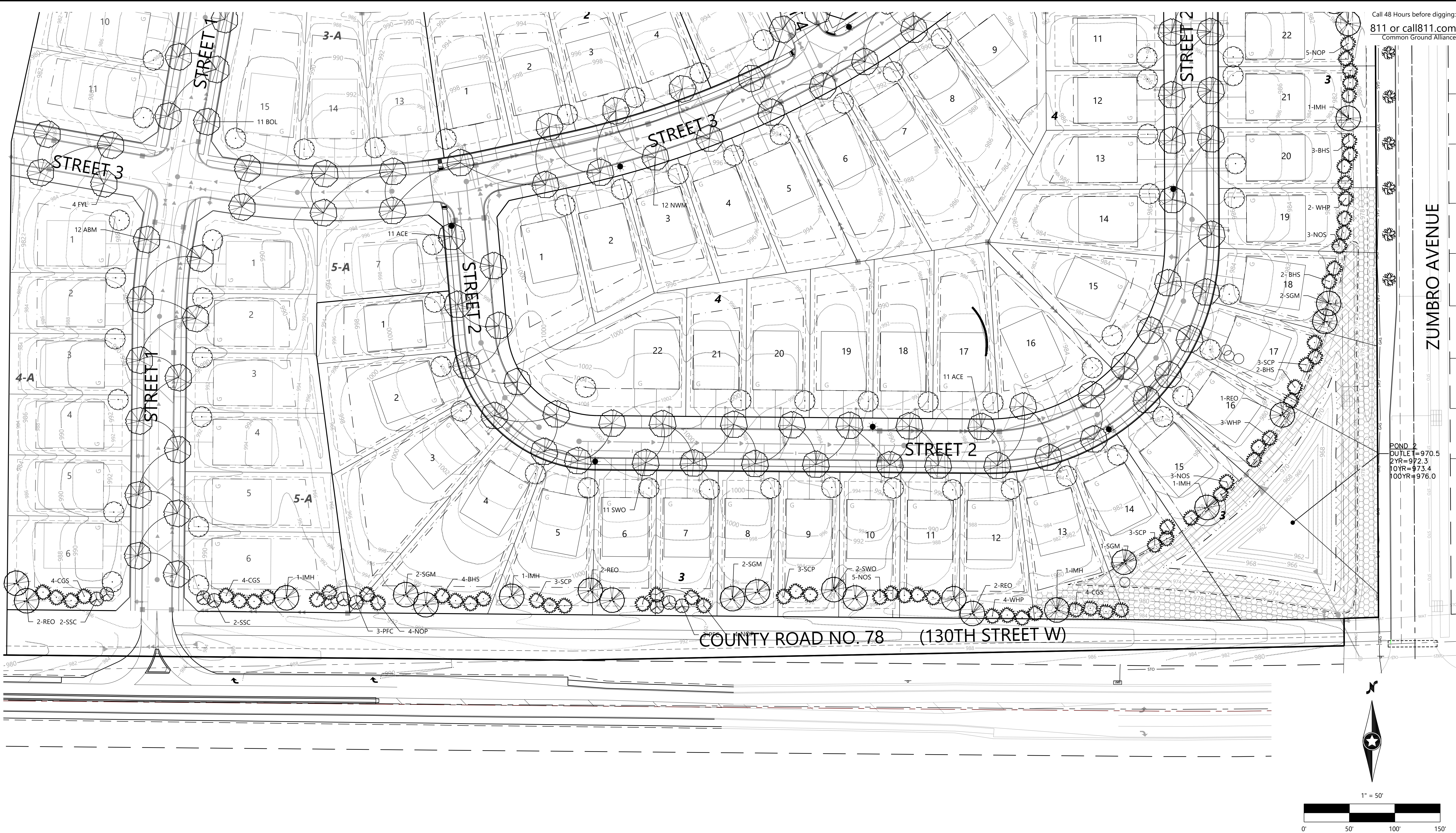
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<i>Nicholas T. Meyer</i>	NICHOLAS T. MEYER
DATE: 08/06/21	LICENSE NO. 53774

WINDERMERE SOUTH 5TH ADDITION
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FINAL LANDSCAPE PLAN	SHEET NUMBER: 48 OF 51
PROJECT NUMBER: 0029534.00	DATE: 08/06/21



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811 or call811.com
Common Ground Alliance

POND 2
OUTLET = 970.5
2YR = 972.3
10YR = 973.4
100YR = 976.0

DESIGNED: FDH III
CHECKED: FDH II
DRAWN: FDH III
HORIZONTAL SCALE: 50.000002"
VERTICAL SCALE: 10' OR 5'

INITIAL ISSUE: 06/01/21

REVISIONS:

△ 06/16/21 TAKEOFF REVISIONS
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PREPARED FOR:

DR HORTON, INC. - MINNESOTA

20860 KENBRIDGE COURT, SUITE 100
LAKEVILLE, MINNESOTA, 55044

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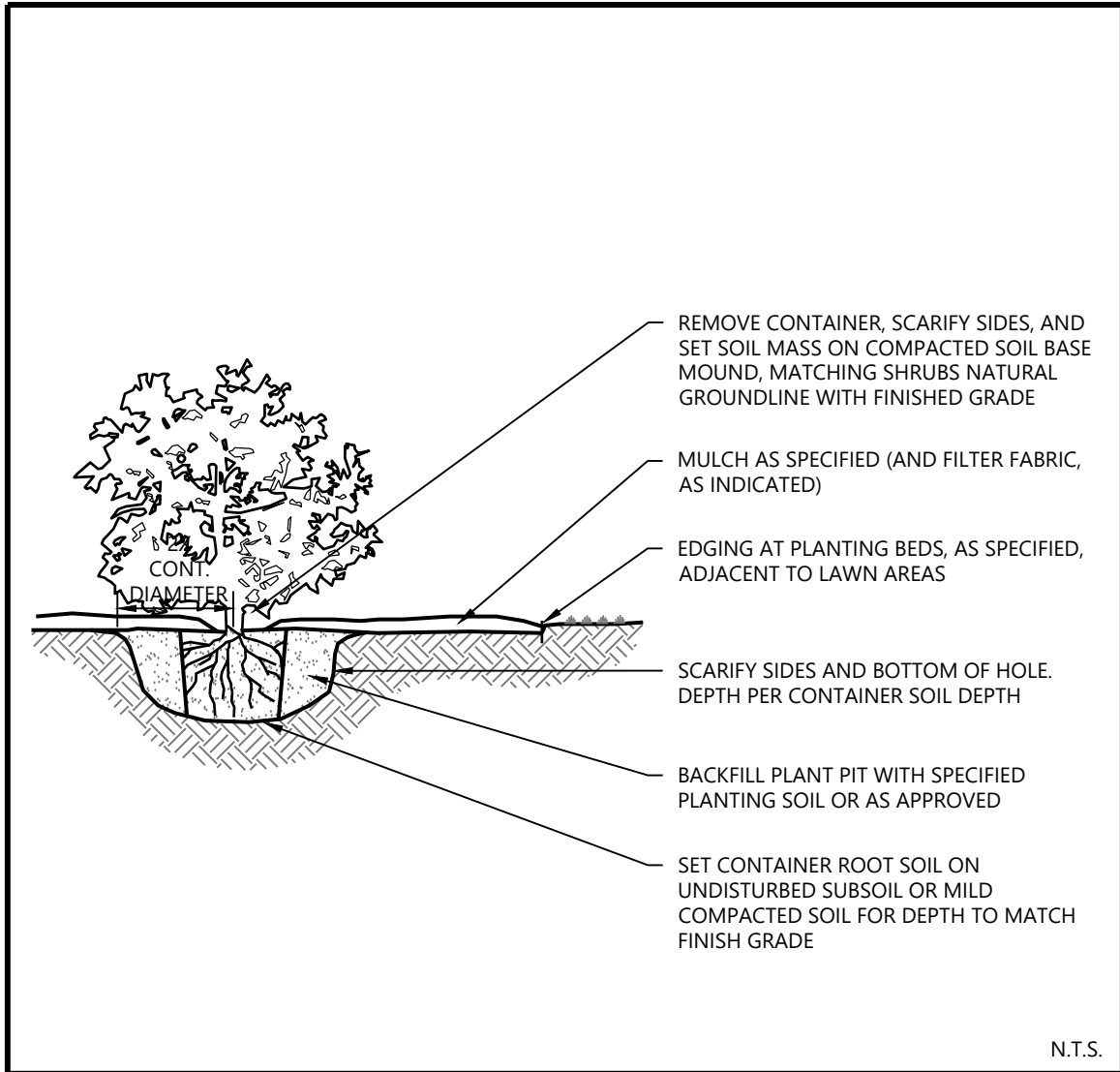
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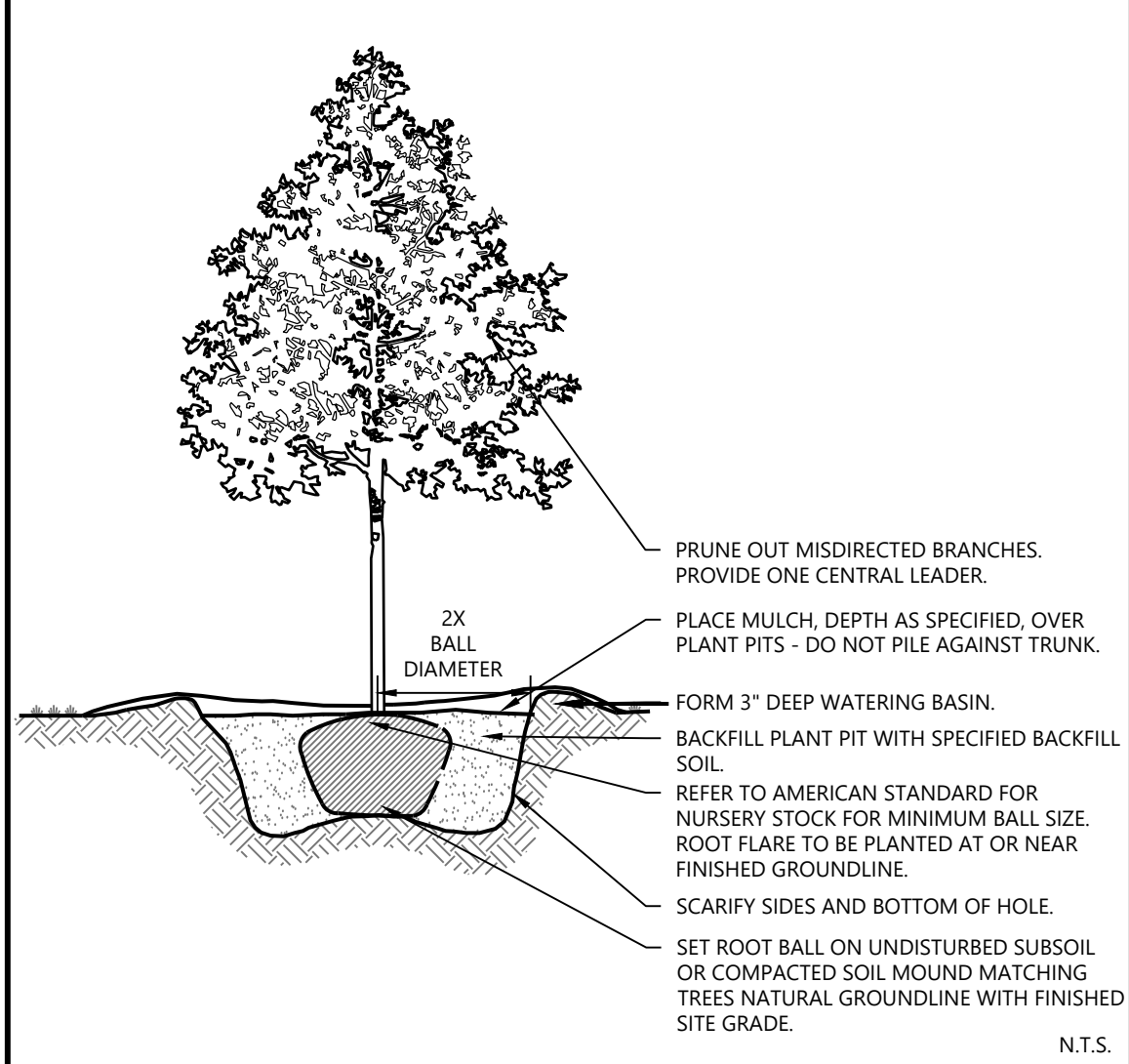
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51

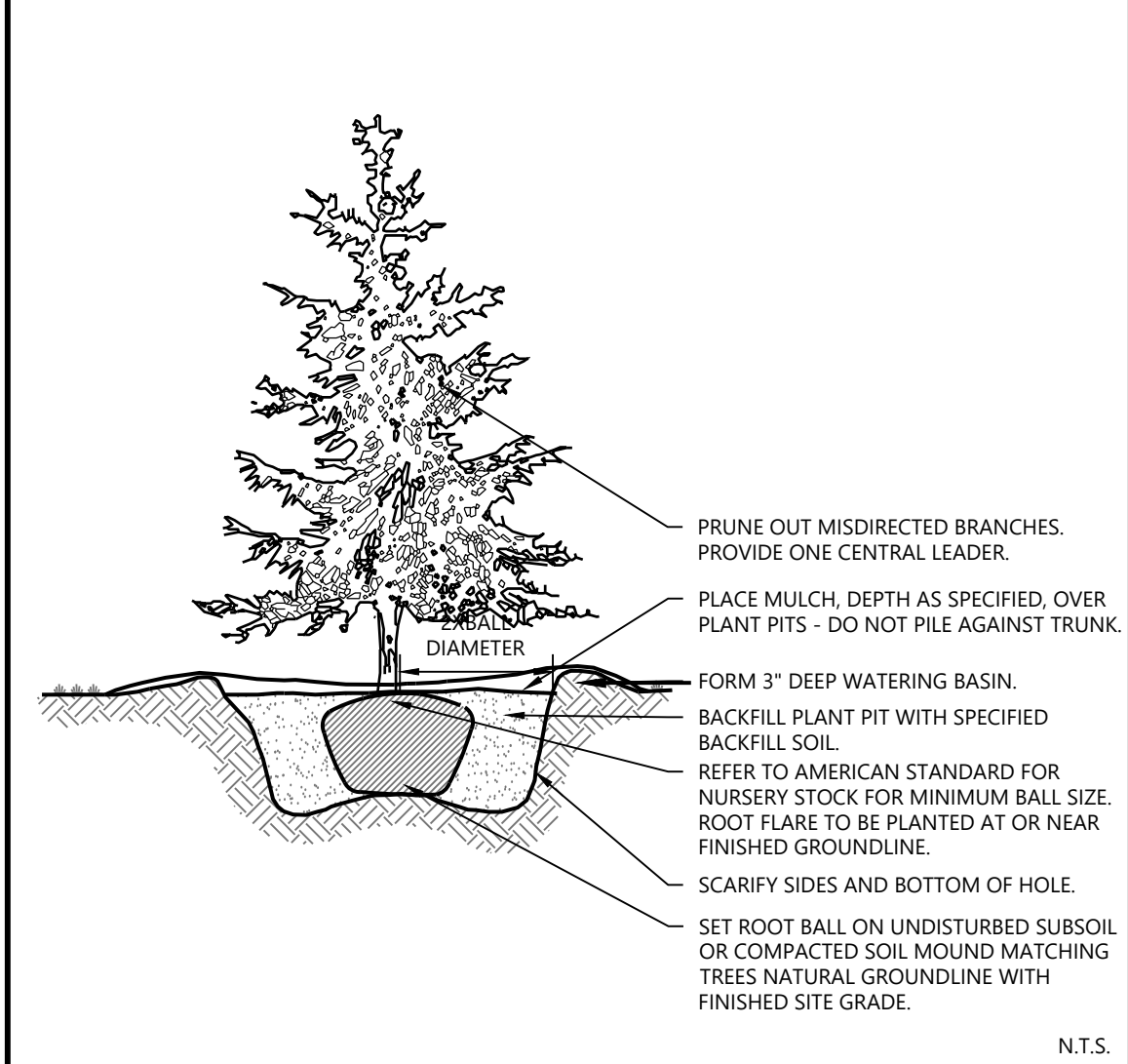
DATE: 08/06/21



Westwood	SHRUB & PERENNIAL CONTAINER PLANTING	LAST REVISED: 10/23/18
		LA27-C



Westwood	DECIDUOUS TREE PLANTING	LAST REVISED: 10/19/18
		LA28



Westwood	EVERGREEN TREE PLANTING	LAST REVISED: 10/19/18
		LA29

PLANTING NOTES

- CONTRACTOR SHALL CONTACT COMMON GROUND ALLIANCE AT 811 OR CALL811.COM TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
- ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
- NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
- ALL SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
- ALL PLANTS TO BE SPECIMEN GRADE, MINNESOTA-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
- PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
- PLANTS TO BE INSTALLED AS PER MNLA & ANSI STANDARD PLANTING PRACTICES.
- PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
- PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
- OPEN TOP OF BURLAP ON BB MATERIALS; REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
- PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
- THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR THE NEED OF ANY SOIL AMENDMENTS.
- BACKFILL SOIL AND TOPSOIL TO ADHERE TO MN/DOT STANDARD SPECIFICATION 3877 (SELECT TOPSOIL BORROW) AND TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 4" DEPTH TOPSOIL FOR ALL LAWN GRASS AREAS AND 12" DEPTH TOPSOIL FOR TREE, SHRUBS, AND PERENNIALS.
- MULCH TO BE AT ALL TREE, SHRUB, PERENNIAL, AND MAINTENANCE AREAS. TREE AND SHRUB PLANTING BEDS SHALL HAVE 4" DEPTH OF SHREDDED HARDWOOD MULCH. SHREDDED HARDWOOD MULCH TO BE USED AROUND ALL PLANTS WITHIN TURF AREAS. PERENNIAL AND ORNAMENTAL GRASS BEDS SHALL HAVE 2" DEPTH SHREDDED HARDWOOD MULCH. MULCH TO BE FREE OF DELETERIOUS MATERIAL AND COLORED RED, OR APPROVED EQUAL ROCK MULCH TO BE BUFF LIMESTONE, 1 1/2" TO 3" DIAMETER, AT MINIMUM 3" DEPTH, OR APPROVED EQUAL ROCK MULCH TO BE ON COMMERCIAL GRADE FILTER FABRIC, BY TYPAR, OR APPROVED EQUAL WITH NO EXPOSURE. MULCH AND FABRIC TO BE APPROVED BY OWNER PRIOR TO INSTALLATION. MULCH TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- EDGING TO BE COMMERCIAL GRADE VALLEY-VIEW BLACK DIAMOND (OR EQUAL) POLY EDGING OR SPADED EDGE, AS INDICATED. POLY EDGING SHALL BE PLACED WITH SMOOTH CURVES AND STAKED WITH METAL SPIKES NO GREATER THAN 4 FOOT ON CENTER WITH BASE OF TOP BEAD AT GRADE, FOR MOWERS TO CUT ABOVE WITHOUT DAMAGE. UTILIZE CURBS AND SIDEWALKS FOR EDGING WHERE POSSIBLE. SPADED EDGE TO PROVIDE V-SHAPED DEPTH AND WIDTH TO CREATE SEPARATION BETWEEN MULCH AND GRASS. INDIVIDUAL TREE, SHRUB, OR RAIN-GARDEN BEDS TO BE SPADED EDGE, UNLESS NOTED OTHERWISE. EDGING TO MATCH EXISTING CONDITIONS (WHERE APPLICABLE).
- ALL DISTURBED AREAS TO BE SODDED OR SEEDED, UNLESS OTHERWISE NOTED. PARKING LOT ISLANDS TO BE SODDED WITH SHREDDED HARDWOOD MULCH AROUND ALL TREES AND SHRUBS. SOD TO BE STANDARD MINNESOTA GROWN AND HARDY BLUEGRASS MIX, FREE OF LAWN WEEDS. ALL TOPSOIL AREAS TO BE RAKED TO REMOVE DEBRIS AND ENSURE DRAINAGE. SLOPES OF 3:1 OR GREATER SHALL BE STAKED. SEED AS SPECIFIED AND PER MN/DOT SPECIFICATIONS. IF NOT INDICATED ON LANDSCAPE PLAN, SEE EROSION CONTROL PLAN.
- CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.
- REPAIR, REPLACE, OR PROVIDE SOD/SEED AS REQUIRED FOR ANY ROADWAY BOULEVARD AREAS ADJACENT TO THE SITE DISTURBED DURING CONSTRUCTION.
- REPAIR ALL DAMAGE TO PROPERTY FROM PLANTING OPERATIONS AT NO COST TO OWNER.
- RAIN GARDEN NOTE: PROVIDE AND INSTALL EROSION CONTROL BLANKET AT RAIN GARDEN AREA SIDE SLOPES AFTER ALL PLANTING HAVE BEEN INSTALLED. BLANKET TO BE ONE SEASON GEOJUTE, MN/DOT CATEGORY 2 (STRAW 1S, WOOD FIBER 1S) OR APPROVED EQUAL. BLANKET TO BE OVERLAPPED BY 4" AND ANCHORED BY SOD STAPLES. PLACE BLANKET PERPENDICULAR TO THE SLOPE. TRENCH IN EDGES OF BLANKET AREA TO PREVENT UNDER MINING. PROVIDE SILT FENCE AT TOP OF SLOPE AS NEEDED. SHREDDED HARDWOOD MULCH TO MATCH OTHER PROJECT PLANTING MULCH. PLACE 4" DEPTH OF MULCH AT ALL PLANTING AND EROSION CONTROL BLANKET AREA (NO FILTER FABRIC). SEE RAIN GARDEN DETAIL FOR FURTHER INFORMATION. RAIN GARDEN TO PROVIDE PROPER INFILTRATION AND DRAINAGE REQUIREMENTS PER ENGINEERS APPROVAL.

STANDARD CITY PLANTING NOTES

- SOIL COMPACTION FOR ALL NON-STRUCTURAL LANDSCAPED AREAS (INCLUDING LANDSCAPING ISLANDS) MUST NOT EXCEED 80% OF STANDARD PROCTOR OR NOT TO EXCEED 200PSI FOR A MINIMUM OF THE 18" OF SOIL. COMPACTION SAMPLES ARE TO BE TAKEN AFTER FINAL GRADING OF THE SITE IS COMPLETE. COMPACTION SAMPLES ARE TO BE TAKEN AFTER FINAL GRADING OF THE SITE IS COMPLETE. THEY ARE TO BE SUBMITTED AND APPROVED BY THE CITY OF SHAKOPEE'S NATURAL RESOURCES DEPT. BEFORE THE INSTALLATION OF LANDSCAPING BEGINS. SAMPLES SHALL BE RANDOMLY TAKEN WITH EVEN COVERAGE OF ALL LANDSCAPED AREAS. SUBMIT SAMPLE RESULTS TO THE SHAKOPEE NATURAL RESOURCES DEPT. TO NBUSKA@SHAKOPEEMN.GOV OR 952-233-9371. SOILS NOT MEETING THIS REQUIREMENT ARE REQUIRED TO BE SUBSOILED TO RELIEVE COMPACTION.
- TREES SHALL NOT BE PLANTED IN A LOCATION THAT WILL INTERFERE WITH INFRASTRUCTURE OR BE IN EXTREME COMPETITION FOR RESOURCES WITH OTHER TREES AT MATURITY. MINIMUM SPACING BETWEEN NON-ORNAMENTAL TREES IS 20 FEET.
- THE LANDSCAPE CONTRACTOR MUST NOTIFY THE CITY OF SHAKOPEE NATURAL RESOURCE DEPT. WHEN LANDSCAPING IS COMPLETE. THE WARRANTY PERIOD SHALL NOT BEGIN UNTIL INSPECTION AND CITY ACCEPTANCE IS COMPLETE. CONTACT 952-233-9371 OR JBUSIAHN@SHAKOPEEMN.GOV.
- NO TREES SHALL BE PLANTED WITHIN EASEMENTS OR RIGHT OF WAYS WITHOUT AN APPROVED TREE, SHRUB, AND BUSH PERMIT FROM THE CITY'S PUBLIC WORKS DEPARTMENT.
- TREES PLANTED WITH THE RIGHT-OF-WAY MUST MEET THE FOLLOWING REQUIREMENTS:
 - MUST BE COMPLETED WITH A CONTRACTOR WHO HAS A MINNESOTA NURSERY & LANDSCAPE ASSOCIATION CERTIFIED PROFESSIONAL OR CERTIFIED ARBORIST ON STAFF AND IS OVERSEEING THE PROJECT. CONTRACTOR MUST BE APPROVED BY THE CITY ENGINEER BEFORE WORK BEGINS.
 - BEFORE PLANTING BEGINS MUST CONTACT THE CITY'S PUBLIC WORKS, NATURAL RESOURCES DIVISION TO APPROVE FINAL PLANTING LOCATIONS AND SPECIES. CALL 952-233-9371.

Call 48 Hours before digging:

811 or call811.com
Common Ground Alliance

DESIGNED: FDH III
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PREPARED FOR:

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FINAL LANDSCAPE NOTES
& DETAILS

PROJECT NUMBER: 0029534.00

SHEET NUMBER:

50 OF 51

DATE: 08/06/21