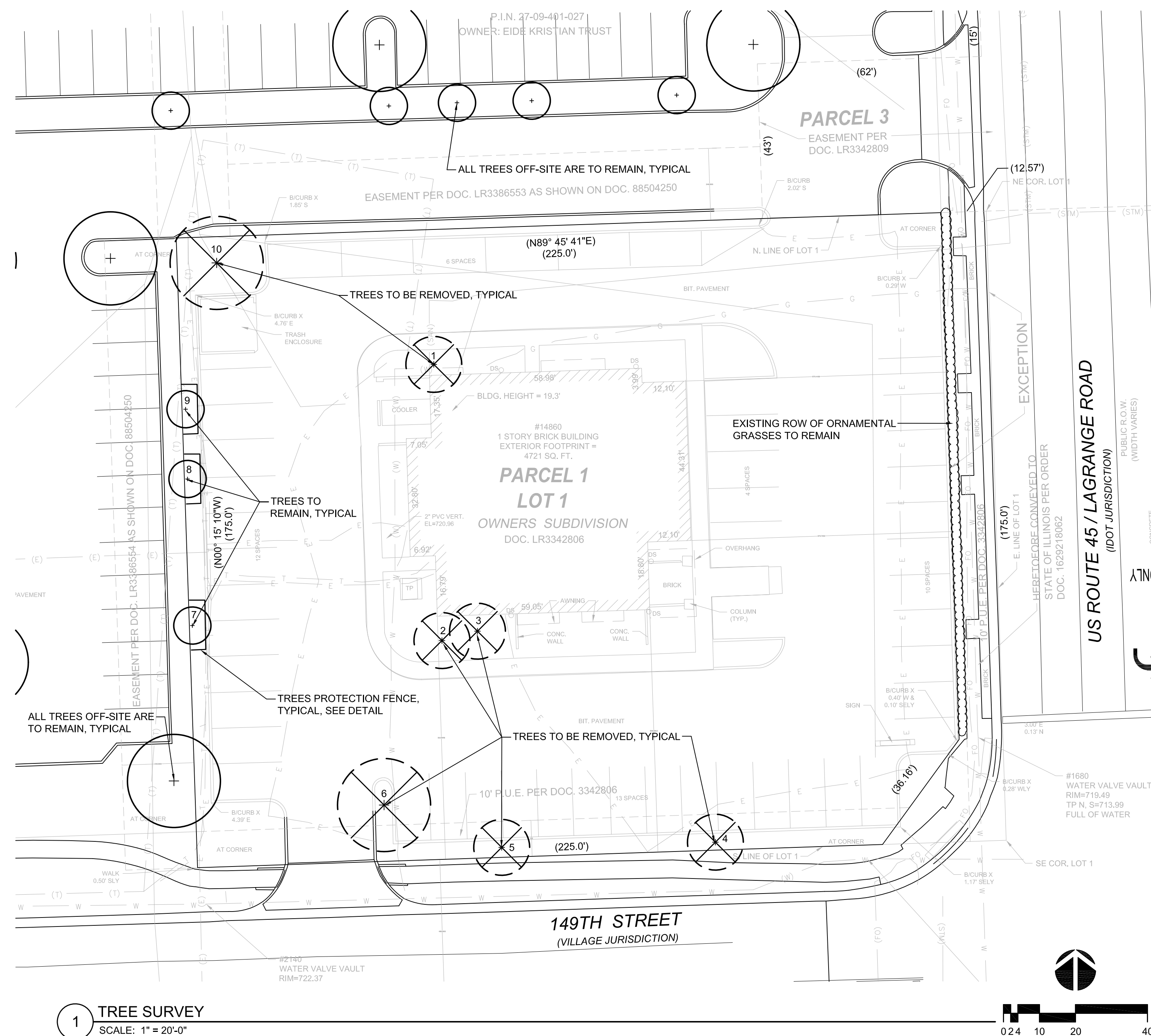


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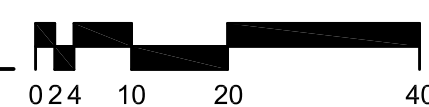
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**1 TREE SURVEY**  
SCALE: 1" = 20'-0"



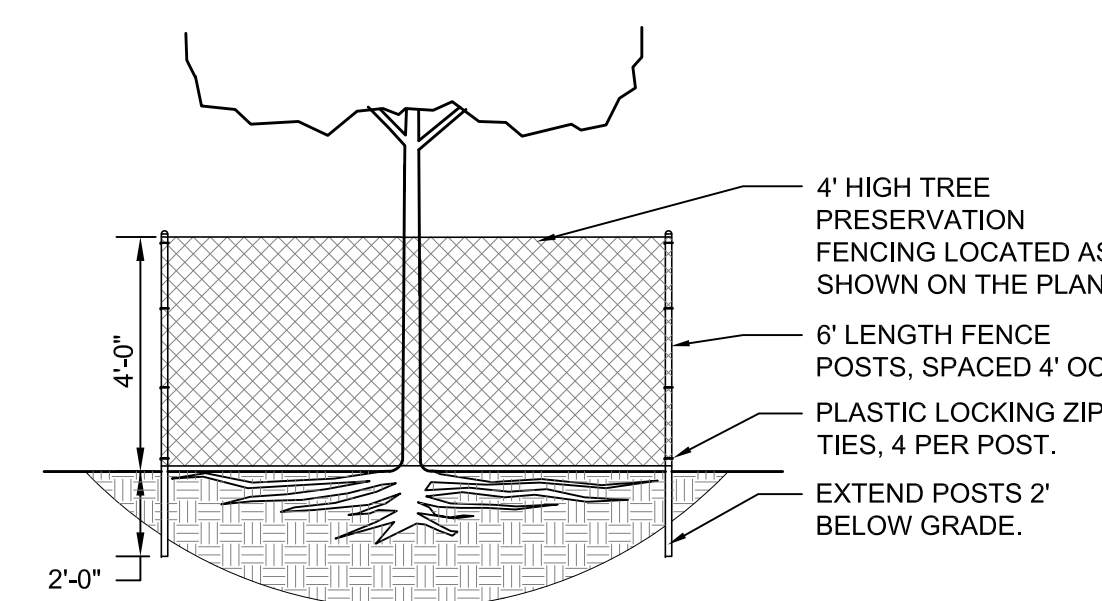
**EXISTING TREES**

NO.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	STATUS
1.	CRATEGUS SPECIES	HAWTHORN	10" CAL.	GOOD	REMOVE
2.	CRATEGUS SPECIES	HAWTHORN	(2) 5" CAL.	GOOD	REMOVE
3.	CRATEGUS SPECIES	HAWTHORN	(5) 4" CAL.	GOOD	REMOVE
4.	MALUS SPECIES	CRABAPPLE	10" CAL.	FAIR	REMOVE
5.	MALUS SPECIES	CRABAPPLE	11" CAL.	FAIR	REMOVE
6.	GLEDTISIA SPECIES	HONEYLOCUST	10" CAL.	FAIR	REMOVE
7.	MALUS SPECIES	CRABAPPLE	10" HT.	GOOD	PRESERVE
8.	MALUS SPECIES	CRABAPPLE	10" HT.	GOOD	PRESERVE
9.	MALUS SPECIES	CRABAPPLE	8" HT.	GOOD	PRESERVE
10.	FRAXINUS SPECIES	ASH	16" CAL.	POOR	REMOVE

**TREE REMOVAL AND PROTECTION NOTES**

- ALL EXISTING TREE LOCATIONS AND SIZES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS, PRIOR TO THE START OF CONSTRUCTION.
- LOCATION AND LENGTHS OF TREE PROTECTION FENCE IS APPROXIMATE. ACTUAL FENCE LOCATION MAY VARY A LITTLE. CONTACT LANDSCAPE ARCHITECT TO REVIEW AND APPROVE FENCE LAYOUT. SEE TREE PROTECTION FENCE DETAIL.
- FENCE IS TO REMAIN IN PLACE UNTIL THE SITE IS READY FOR SOD INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FENCE AND KEEPING IT INTACT AT ALL TIMES. ANY TREES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.
- VERIFY TREES TO BE REMOVED WITH LANDSCAPE ARCHITECT PRIOR TO REMOVING ANY TREES.
- TREES TO BE REMOVED ARE TO HAVE THEIR STUMPS REMOVED OR GROUND DOWN TO 12" BELOW GRADE.
- NO MATERIALS OR VEHICLES SHALL BE STORED, DRIVEN OR PARKED WITHIN TREE PROTECTION FENCING.
- ALL GRADING, CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE FORBIDDEN FROM ENCRANCHING WITHIN THE TREE PROTECTION FENCING.
- CRUSHED LIMESTONE OR ANY MATERIALS THAT MAY BE DETRIMENTAL TO TREES SHALL NOT BE DUMPED WITHIN THE TREE PROTECTION FENCING NOR SHALL THEY BE LOCATED AT ANY HIGHER ELEVATION WHERE DRAINAGE TOWARD THE TREE(S) COULD CONCEIVABLY AFFECT THE HEALTH OF THE TREE(S).
- IF IT IS THE CONTRACTOR'S OPINION THAT ANY OF THE TREES TO BE PRESERVED WILL BE NEGATIVELY AFFECTED DURING THE CONSTRUCTION PROCESS, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
- ANY TREE ROOTS FROM PRESERVED TREES THAT ARE UNEARTHED DURING CONSTRUCTION, SHALL BE CAREFULLY ROOT PRUNED USING THE STANDARDS OF THE NATIONAL ARBORISTS ASSOCIATION.
- TREES TO REMAIN ARE TO BE FERTILIZED BY A LICENSED ARBORIST OR APPLICATOR. FERTILIZATION IS TO PROMOTE ROOT GROWTH, OFFSETTING ANY ROOT DAMAGE INCURRED DURING CONSTRUCTION.
- TREES TO REMAIN ARE TO BE PRUNED BY A LICENSED ARBORIST. REMOVE ALL DEAD, SCARRED, BROKEN OR CROSSING BRANCHES. SHAPE PRUNE AS NEEDED, OFFSETTING ANY ROOT LOSS.
- PROVIDE A MULCH RING AROUND TREES TO REMAIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REGULAR MAINTENANCE WITHIN THE TREE PROTECTION FENCES, INCLUDING MOWING, WATERING, WEEDING AND LITTER OR LEAF REMOVAL.

FENCE IS TO BE INSTALLED AND APPROVED, PRIOR TO ANY DEMOLITION WORK. FENCING SHALL BE INSTALLED IN LOCATIONS AROUND ALL TREES TO REMAIN, AS SHOWN ON THE PLAN. POSTS SHALL BE PLACED 4' ON CENTER. AFTER INSTALLING ALL POSTS, TIGHTLY WRAP THE FABRIC ACROSS THE POSTS TO PREVENT SAGGING. THE FABRIC SHALL BE ATTACHED OUTSIDE THE POSTS, AWAY FROM THE TREE. SAFETY FENCE FABRIC SHALL BE ORANGE CONTRACTOR'S GRADE SMOOTH TOP DIAMOND PLASTIC FENCE. POSTS SHALL BE 6' LONG HEAVY DUTY GALVANIZED STEEL T-POSTS, SET TO A DEPTH OF 2' BELOW GRADE. POST SHALL NOT BE DRIVEN INTO TREE ROOTS OR UTILITY LINES. LOCKING TIES SHALL BE 8" PLASTIC LOCKING ZIP TIES, 4 PER POST. ANY ALTERATIONS TO THE FENCING LAYOUT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER.



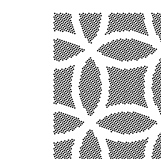
**2 TREE PROTECTION FENCING**  
NOT TO SCALE

Revisions	
8.	
7.	
6.	
5.	ISSUED FOR BID & PERMIT 10/21/22
4.	PER VILLAGE COMMENTS 09/12/22
3.	REVISED FOR APPROVAL 08/05/22
2.	REVISED FOR APPROVAL 07/13/22
1.	ISSUED FOR APPROVAL 04/27/22

Project  
**Wild Fork**  
LAGRANGE ROAD AND 149TH STREET  
ORLAND PARK, ILLINOIS

Sheet Title  
**TREE SURVEY**

Date 04/25/22	Project No. DWP 22-121
Scale 1" = 20'-0"	Sheet No. <b>L100</b>
Drawn By FERGUSON	
Approved SCHULENBERG	



DANIEL WEINBACH & PARTNERS, LTD.

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PLANT LIST

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	NATIVE	ADDITIONAL NOTES
<b>DECIDUOUS SHADE TREES</b>						
AF	ACER x FREEMANNI 'JEFFERSRED'	AUTUMN BLAZE MAPLE	2 1/2" CALIPER	3	YES	BRANCHED UP 6'
CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2 1/2" CALIPER	5	YES	BRANCHED UP 4'
GD	GYMNOCLADUS DIOICUS 'ESPRESSO'	ESPRESSO COFFEETREE	2 1/2" CALIPER	6	YES	BRANCHED UP 6'
GT	GLEDITSIA TTR. INERMIS 'SKYCOLE'	SKYLINE HONEYLOCUST	2 1/2" CALIPER	6	YES	BRANCHED UP 6'
PC	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR	2 1/2" CALIPER	5		BRANCHED UP 6'
QB	QUERCUS BILOBA	SWAMP WHITE OAK	2 1/2" CALIPER	3	YES	BRANCHED UP 6'
<b>ORNAMENTAL TREES</b>						
AL	AMELANCHIER LAEVIS 'CUMULUS'	COLUMNAR SERVICEBERRY	2 1/2" CALIPER	3	YES	
CM	CORNUS MAS 'GOLDEN GLORY'	GOLDEN GLORY CORNELIAN CHERRY	6' HT.	2		
MR	MALUS 'RED JEWEL'	RED JEWEL CRABAPPLE	2 1/2" CALIPER	3		
SR	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK TREE LILAC	2 1/2" CALIPER	6		
QW	QUERCUS x WAREI 'LONG'	REGAL PRINCE OAK	2 1/2" CALIPER	4	YES	
<b>EVERGREEN TREES</b>						
TO	THUJA OCCIDENTALIS 'WINTERGREEN'	WINTERGREEN ARBORVITAE	6' HT x 3' W	11	YES	
<b>DECIDUOUS SHRUBS</b>						
AM	ARONIA MELANOCARPA 'AUTUMN MAGIC'	AUTUMN MAGIC CHOKEBERRY	30" HT x 30" W	45	YES	
DL	DIERVILLA LONICERA	DWARF BUSH HONEYSUCKLE	18" HT x 24" W	36	YES	
HF	HYDRANGEA PAN. 'FIRELIGHT'	FIRELIGHT HYDRANGEA	24" HT x 24" W	12		
HL	HYDRANGEA PAN. 'LITTLE LIME'	LITTLE LIME HYDRANGEA	24" HT x 24" W	13		
RA	RHUS AROMATICA 'GRO-LOW'	GRO-LOW SUMAC	18" HT x 24" W	33	YES	
SP	SYRINGA MEYERI 'PALIBIN'	DWF. KOREAN LILAC	24" HT x 24" W	9		
VJ	VIBURNUM X JUDDII	JUDD VIBURNUM	30" HT x 30" W	10		
<b>EVERGREEN SHRUBS</b>						
JC	JUNIPERUS CHINENSIS 'KALLAY COMPACTA'	KALLAY'S COMPACT JUNIPER	12" HT x 24" W	25		
TM	TAXUS x MEDIA 'DENSIFORMIS'	DENSE YEW	18" HT x 24" W	35		
<b>PERENNIALS AND ORNAMENTAL GRASSES</b>						
AY	ACHILLEA MILLEFOLIUM 'MOONSHINE'	MOONSHINE YARROW	1 GALLON	14		SPACED 18" O.C. MAX.
CA	CALAMAGROSTIS ACUT. 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	1 GALLON	22		SPACED 24" O.C. MAX.
CB	CAREX BREVIOR	PLAINS OVAL SEDGE	1 GALLON	22	YES	SPACED 18" O.C. MAX.
CE	CAREX OSHMENSIS 'EVERGOLD'	EVERGOLD SEDGE	1 GALLON	72	YES	SPACED 15" O.C. MAX.
CN	CALAMINTHIA NEPETA 'MONTROSE WHITE'	MONTROSE WHITE CALAMINT	1 GALLON	34		SPACED 18" O.C. MAX.
CP	CAREX PENNSYLVANICA	COMMON OAK SEDGE	1 GALLON	96	YES	SPACED 18" O.C. MAX.
EK	ECHINACEA 'KIM'S KNEE HIGH'	KIM'S KNEE HIGH CONEFLOWER	1 GALLON	24		SPACED 18" O.C. MAX.
FG	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	1 GALLON	30		SPACED 12" O.C. MAX.
GM	GERANIUM MACULATUM	WILD CRANESBILL	1 GALLON	50	YES	SPACED 15" O.C. MAX.
LS	LIATRIS SPICATA 'KOBOLD'	DWARF BLAZING STAR	1 GALLON	45	YES	SPACED 18" O.C. MAX.
NF	NEPETA FAASSENI 'PURRSIAN BLUE'	CATMINT	1 GALLON	45		SPACED 18" O.C. MAX.
PH	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN DWARF FOUNTAIN GRASS	1 GALLON	15		SPACED 24" O.C. MAX.
RF	RUDBECKIA 'AMERICAN GOLD RUSH'	AMER. GOLD RUSH BLACK-EYE SUSAN	1 GALLON	44	YES	SPACED 18" O.C. MAX.
SA	SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	1 GALLON	107		SPACED 18" O.C. MAX.
SB	SALVIA NEMOROSA 'BLUE HILL'	BLUE HILL SALVIA	1 GALLON	43		SPACED 18" O.C. MAX.
SH	SPOROBOLOUS HETEROLEPSIS	PRAIRIE DROPSIED	1 GALLON	29	YES	SPACED 24" O.C. MAX.

PLANTS IDENTIFIED AS NATIVE MAY BE A NATIVE SPECIES OR AN IMPROVED CULTIVAR OF A NATIVE SPECIES.

LANDSCAPE DATA BOX

OVERALL SITE AREA 36,887 SF  
 OVERALL LANDSCAPE AREA 16,414 SF (44%)  
 PARKING STALLS 24  
 PARKING LOT TREES REQUIRED 3  
 PARKING LOT TREES PROVIDED 6 TREES (4 EXTRA TREES COUNTED FOR LAGRANGE PARKWAY TREES)

TREE REMOVAL MITIGATION

4 NATIVE TREES (4"-12") ARE TO BE REMOVED, REQUIRING 8 MITIGATION TREES (2.5") AND 2 NON-NATIVE TREES (4"-12") REQUIRING 2 MITIGATION TREES (2.5"). DUE TO SIGNIFICANT PROPOSED TREE PLANTING, IT IS REQUESTED THAT WE BE ALLOWED TO MAKE A CASH PAYMENT IN LIEU OF TREE PLANTING ON SITE.

SITE PERIMETER PLANT REQUIREMENTS

LAGRANGE ROAD FRONTAGE - 175 LF  
 PARKWAY TREES - 30' OC (175 LF / 30') 6 TREES REQUIRED  
 NO TREES PROVIDED - EXISTING STREETSCAPE RESTRICTS TREE INSTALLATION  
 6 ADDITIONAL TREES PROVIDED ON SITE (SEE PARKING LOT TREES-3, LAGRANGE CORRIDOR TREES-1 AND FOUNDATION PLANTING TREES-2)  
 CORRIDOR LANDSCAPE - 2 SHADE TREES + 2 ORNAMENTAL OR EVERGREEN TREES PER 100 LF (175 LF / 100')  
 4 SHADE TREES AND 4 ORNAMENTAL OR EVERGREEN TREES REQUIRED  
 4 SHADE TREES AND 4 ORNAMENTAL TREES PROVIDED

49TH STREET FRONTAGE - 211 LF

PARKWAY TREES - 40' OC (211 LF / 40') 5 TREES REQUIRED  
 5 SHADE TREES PROVIDED  
 CORRIDOR LANDSCAPE - 1 SHADE TREES + 1 ORNAMENTAL OR EVERGREEN TREES PER 100 LF (211' / 100')  
 2 SHADE TREES AND 2 ORNAMENTAL OR EVERGREEN TREES REQUIRED  
 3 SHADE TREES AND 2 ORNAMENTAL TREES PROVIDED (1 EXTRA TREE COUNTED FOR LAGRANGE PARKWAY TREES)

NORTH PROPERTY LINE - 211 LF

BUFFERYARD LANDSCAPE - 3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREE, AND 16 SHRUBS REQUIRED PER 100 LF  
 6 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES AND 34 SHRUBS REQUIRED  
 6 SHADE TREES, 2 EVERGREEN TREES AND 38 SHRUBS PROVIDED

WEST PROPERTY LINE - 175 LF

BUFFERYARD LANDSCAPE - 3 SHADE TREES, 1 ORNAMENTAL OR EVERGREEN TREE, AND 16 SHRUBS REQUIRED PER 100 LF  
 5 SHADE TREES, 2 ORNAMENTAL OR EVERGREEN TREES AND 28 SHRUBS REQUIRED  
 5 SHADE TREES, 3 EXISTING ORNAMENTAL TREES AND 36 SHRUBS PROVIDED

FOUNDATION LANDSCAPE

10' WIDE BED REQUIRED ALONG STREET FRONTAGE - 10' WIDE BED PROVIDED ALONG LAGRANGE ROAD AND 149TH STREET  
 7' WIDE BED REQUIRED ON NON-STREET FRONTAGE - 8'-10' WIDE BEDS PROVIDED  
 1 ORNAMENTAL TREE AND 16 SHRUBS / ORNAMENTAL GRASSES REQUIRED / 100 LF OF FOUNDATION  
 280 LF OF FOUNDATION  
 3 ORNAMENTAL TREES AND 45 SHRUBS / ORNAMENTAL GRASSES ARE REQUIRED  
 7 ORNAMENTAL TREES AND 110 SHRUBS / ORNAMENTAL GRASSES ARE PROVIDED

INTERIOR LANDSCAPE

1 TREE IS REQUIRED PER 10,000 SF OF SITE AREA  
 36,887 SF OF SITE AREA REQUIRES 4 TREES  
 2 SHADE TREES AND 2 EXTRA ORNAMENTAL FOUNDATION TREES ARE PROVIDED

PARKING LOT LANDSCAPE

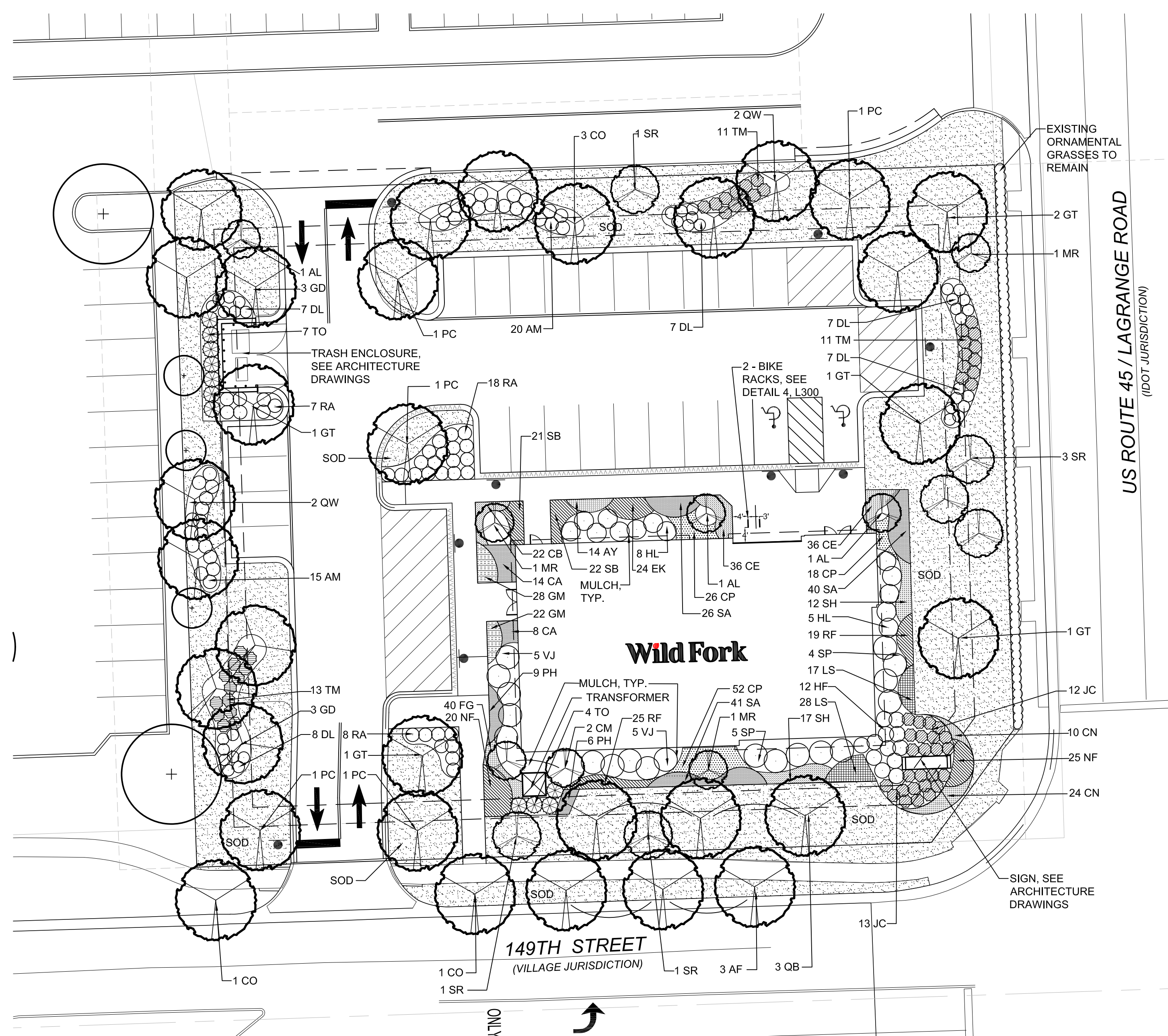
75% PERIMETER COVERAGE TO A 3' HEIGHT IS REQUIRED AND IS PROVIDED  
 1 DETACHED ISLAND PER 10 PARKING SPACES IS REQUIRED - 24 SPACES / 10 = 3 ISLANDS / TREES  
 3 DETACHED ISLANDS/TREES AND 3 CORNER ISLANDS/TREES ARE PROVIDED (4 EXTRA TREES ARE COUNTED TOWARDS LAGRANGE PARKWAY TREES)

SIGNAGE

A 5' WIDE (AVERAGE) PLANT BED IS REQUIRED AROUND THE SIGN  
 A 6.5' WIDE AVERAGE PLANT BED IS PROVIDED

STORMWATER MANAGEMENT

NOT APPLICABLE - NO STORMWATER IS COLLECTED ABOVE GRADE



NOTE: AN AUTOMATED IRRIGATION SYSTEM WILL BE PROVIDED.

1 LANDSCAPE PLAN  
 SCALE: 1" = 20'-0"

Revisions	
8.	
7.	
6.	
5.	ISSUED FOR BID & PERMIT 10/21/22
4.	PER VILLAGE COMMENTS 09/12/22
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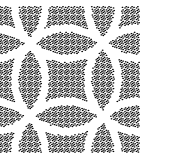
Project

LAGRANGE ROAD AND 149TH STREET  
 ORLAND PARK, ILLINOIS

Sheet Title

# LANDSCAPE PLAN

Date 04/25/22	Project No. DWP 22-121
Scale 1" = 20'-0"	Sheet No. <b>L200</b>
Drawn By FERGUSON	
Approved SCHULENBERG	

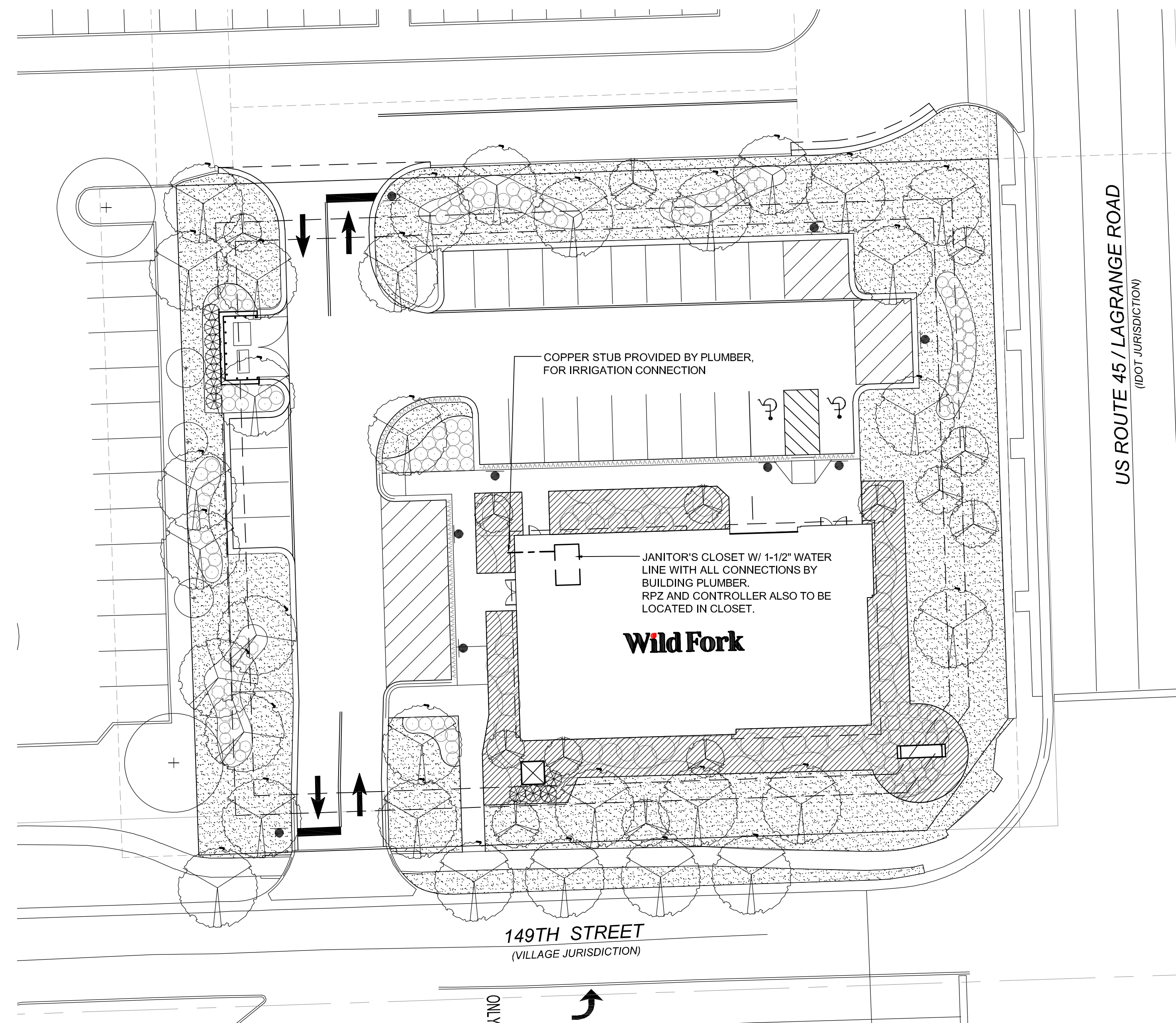


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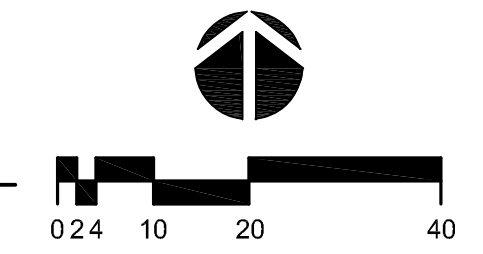


US ROUTE 45 / LAGRANGE ROAD  
(DOT JURISDICTION)

149TH STREET  
(VILLAGE JURISDICTION)

NOTE: AN AUTOMATED IRRIGATION SYSTEM WILL BE PROVIDED.

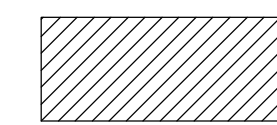
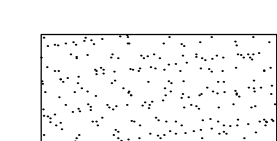
1 IRRIGATION SCOPE PLAN  
SCALE: 1" = 20'-0"



IRRIGATION NOTES

1. A PLASTIC, AUTOMATIC, TIMER-ACTIVATED IRRIGATION SYSTEM SHALL BE PROVIDED FOR ALL LAWN AREAS AND BUILDING FOUNDATION PLANTING AS SHOWN. SEPARATE ZONES TO BE PROVIDED FOR LAWN AND PLANT BEDS.
2. PROVIDE ROTARY AND MIST POP-UP SPRAYHEADS AS APPROPRIATE FOR THE PARTICULAR SIZE AND SHAPE OF LAWN AREA, WITH 60% HEAD TO HEAD SPACING. THERE SHALL BE NO OVER SPRAY ON ROADS OR SIDEWALKS.
3. PROVIDE DRIP IRRIGATION WHERE NOTED ON THE PLANS. DRIP IRRIGATION TO PROVIDE PROPER MOISTURE LEVEL FOR SPECIFIED PLANTS (SEE PLANS). A DRIP SYSTEM OPERATION INDICATOR SHALL BE PROVIDED FOR EACH ZONE. DRIP LINES TO BE RAINBIRD 'XFS' SUBSURFACE DRIP LINES.
4. PROVIDE WATER CONNECTION, BACKFLOW PREVENTER AND IRRIGATION CONTROLLER INSIDE THE BUILDING. COORDINATE LOCATION WITH ARCHITECT / MEP.
5. SIZE BOOSTER PUMP, IF REQUIRED, TO PROVIDE 50 GPM AND 40 PSI AT THE SPRINKLER HEADS.
6. PROVIDE SLEEVING AS NECESSARY AND COORDINATE SLEEVE INSTALLATION WITH THE GENERAL CONTRACTOR TO ELIMINATE FUTURE DAMAGE TO INSTALLED PAVEMENT.
7. ALL IRRIGATION EQUIPMENT SHALL BE BY RAINBIRD, OR APPROVED EQUAL.
8. THE IRRIGATION CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING THE DESIGN OF THE SYSTEM FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. THE DRAWING SHOULD INDICATE THE WATER CONNECTION, BACKFLOW PREVENTER, PIPING, INCLUDING SIZES, VALVES, INCLUDING SIZES, HEADS, INCLUDING LOCATIONS, TYPE AND INDICATION OF SPRAY RADIUS, DRIP LINES, INCLUDING EMITTERS, QUICK COUPLERS, THE AUTOMATIC RAIN SHUTOFF AND THE PROPOSED ELECTRICAL CONNECTION. PROVIDE CATALOGUE CUTS FOR ALL EQUIPMENT.
9. PROVIDE AN AUTOMATIC RAIN SHUT-OFF.
10. PROVIDE A QUICK COUPLER IN OR ADJACENT TO EACH VALVE BOX, AND AT INTERVALS ALONG THE MAIN WITHIN 100' OF ALL NEW PLANTS, OR AS INDICATED ON THE PLANS.
11. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR BLOWING OUT THE SYSTEM BY AIR COMPRESSION IN THE FALL FOLLOWING INSTALLATION AND TURNING ON THE SYSTEM IN THE FOLLOWING SPRING.
12. THE ENTIRE IRRIGATION SYSTEM SHALL BE GUARANTEED BY THE CONTRACTOR AS TO MATERIAL AND WORKMANSHIP, INCLUDING SETTLING OF BACKFILLED AREAS BELOW GRADE FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF THE WORK.
13. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPALITY STANDARDS, CODES AND ORDINANCES.

IRRIGATION LEGEND

-  DRIP IRRIGATION @ BUILDING FOUNDATION PLANTING
-  ROTARY/POP-UP SPRAY HEAD IRRIGATION IN LAWN AREAS (NOT SHRUB BEDS)

Revisions

8.	
7.	
6.	
5. ISSUED FOR BID & PERMIT	10/21/22
4. PER VILLAGE COMMENTS	09/12/22
3. REVISED FOR APPROVAL	08/05/22
2. REVISED FOR APPROVAL	07/13/22
1. ISSUED FOR APPROVAL	04/27/22

Project

**Wild Fork**

LAGRANGE ROAD AND 149TH STREET  
ORLAND PARK, ILLINOIS

Sheet Title

**IRRIGATION  
SCOPE PLAN**

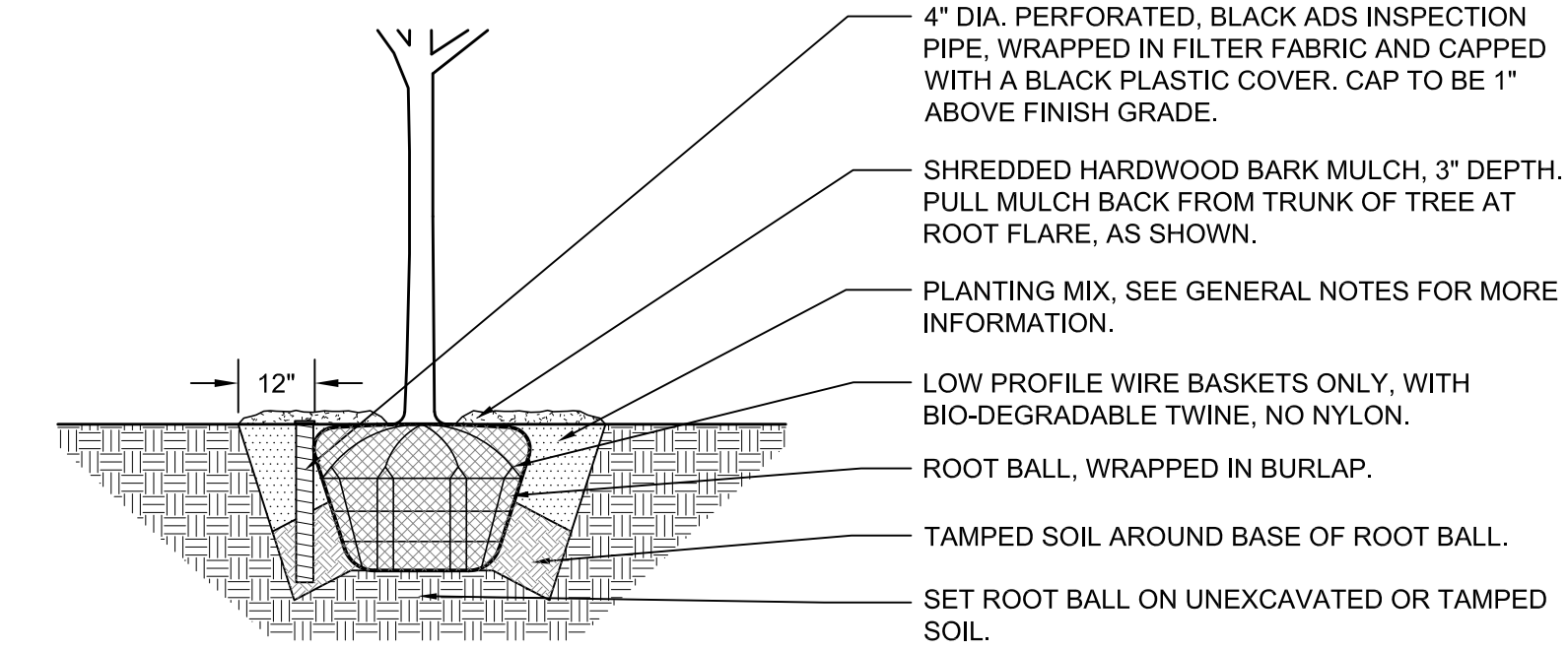
Date 04/25/22	Project No. DWP 22-121
Scale 1" = 20'-0"	Sheet No. <b>L201</b>
Drawn By FERGUSON	
Approved SCHULENBERG	

**GENERAL NOTES**

- ALL DIMENSIONS AND SITE CONDITIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO STARTING WORK. SITE PLAN, ARCHITECTURE PLAN AND SITE SURVEY WERE PROVIDED BY OTHERS.
- THE CONTRACTOR SHALL HAVE A MINIMUM OF FIVE YEARS EXPERIENCE WITH PROJECTS OF SIMILAR SIZE AND TYPE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS, SUCH AS PLUMBING, GAS AND ELECTRIC.
- COORDINATE PARKING IN THE LOADING AREA AND ALONG PIONEER STREET, WITH THE OWNER (BUILDING'S MANAGEMENT OFFICE).
- SPECIES AND SIZES OF PLANTS LISTED IN THE PLANT LIST ARE SUBJECT TO AVAILABILITY AT TIME OF INSTALLATION. IF SUBSTITUTIONS ARE REQUIRED, THE CONTRACTOR SHALL SUBMIT REQUESTS TO THE LANDSCAPE ARCHITECT FOR APPROVAL.
- QUANTITIES SHOWN ON THE DRAWING AND IN THE PLANT LIST ARE PROVIDED ONLY FOR THE CONTRACTOR'S CONVENIENCE. THE CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES ON THE DRAWINGS AND NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
- ALL OVERHEAD AND UNDERGROUND UTILITIES ARE TO BE LOCATED PRIOR TO DIGGING OR EXCAVATION. IF UTILITIES OR OTHER OBSTRUCTIONS ARE DISCOVERED TO CONFLICT WITH GRADING, PLANT OR MATERIALS PLACEMENT, NOTIFY THE LANDSCAPE ARCHITECT SO THAT ADJUSTMENTS MAY BE MADE PRIOR TO PROCEEDING.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT EXISTING FENCES, SITE FEATURES AND PAVING TO REMAIN. ANY DAMAGE TO THESE EXISTING AREAS OR FEATURES SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DRAINAGE CONCERNS.
- IMPORTED TOPSOIL FOR THIS PROJECT SHALL BE FRIABLE LOAM OR SANDY LOAM, COMPRISED OF BETWEEN 20% AND 50% SILT, 10% AND 25% CLAY, AND 30% AND 60% SAND. THE pH LEVEL SHALL BE BETWEEN 6.0 AND 7.2 AND THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 3% AND 6%. TOPSOIL SHALL BE FREE OF SEEDS, STONES, LARGE CLUMPS, ROOTS, LEAVES AND DEBRIS, AND SHALL NOT BE DELIVERED WHILE IN A FROZEN OR MUDDY CONDITION. CONTRACTOR SHALL PROVIDE A RECENT SOIL TEST ANALYSIS FOR ALL SOIL TO BE USED. THE ANALYSIS MUST INCLUDE THE INFORMATION REQUIRED ABOVE. IF TESTED TOPSOIL REQUIRES AMENDMENTS TO COMPLY WITH REQUIREMENTS, CONTRACTOR SHALL AMEND THE TOPSOIL, RE-TEST AND RESUBMIT THE ANALYSIS FOR APPROVAL PRIOR TO BRINGING THE TOPSOIL ON SITE.
- EXISTING TOPSOIL FROM ON SITE MAY BE USED. FOR EXISTING TOPSOIL AREAS TO REMAIN, AND FOR AREAS WHERE EXISTING TOPSOIL HAS BEEN SPREAD, ADD A 1" DEPTH OF ONE STEP SOIL CONDITIONER FROM MIDWEST TRADING, AND TILL TO A DEPTH OF 6".
- SOD SHALL BE A TALL FESCUE BLEND SOD, SUCH AS BLACK BEAUTY OR APPROVED EQUAL. BLUEGRASS BLEND SOD IS NOT ACCEPTABLE, UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL MUST BE SPECIMEN QUALITY, TRUE TO SPECIES AND VARIETY, WITH FULL, DENSE AND HEALTHY FORMS. PLANTS THAT ARE NOT SPECIMEN QUALITY WILL NOT BE ACCEPTED. ALL PLANTS MUST HAVE BEEN LOCALLY GROWN AT A STATE INSPECTED AND CERTIFIED NURSERY, LOCATED WITHIN 50 MILES OF THE PROJECT SITE.
- ALL TREES, AND SHRUBS THAT ARE 36" HEIGHT OR TALLER, ARE TO HAVE FRESHLY DUG, BALLED AND BURLAPPED ROOT BALLS WITH SIZES THAT MEET THE STANDARDS OF THE AMERICAN NURSERYMEN'S ASSOCIATION. SHRUBS THAT ARE 30" HEIGHT OR LESS ARE TO BE CONTAINER GROWN. ALL PERENNIALS AND ORNAMENTAL GRASSES MUST BE CONTAINER GROWN, CONTAINER GROWN MATERIALS SHALL HAVE BEEN GROWN IN THEIR CURRENT CONTAINER FOR A PERIOD OF NO LESS THAN SIX MONTHS.
- ALL TREES SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT, AT THE NURSERY, PRIOR TO DIGGING. TREES THAT ARE ACCEPTABLE WILL BE SEALED. ALL SEALS APPLIED BY THE LANDSCAPE ARCHITECT MUST REMAIN ON THE TREES AND ARE NOT TO BE REMOVED BY THE CONTRACTOR. ALL TREES MUST HAVE SEALS IN PLACE AT TIME OF ACCEPTANCE OR WILL BE AUTOMATICALLY REJECTED. HELED-IN TREES WILL NOT BE ACCEPTED WITHOUT PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT.
- ALL SHRUBS 36" HEIGHT OR TALLER ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. AN EXAMPLE SHRUB MAY BE TAGGED OR PICTURES MAY BE SUBMITTED FOR APPROVAL. ALL SHRUBS THAT DO NOT MATCH THE APPROVED EXAMPLE SHRUB IN SIZE AND FORM, WILL BE REJECTED. ALL OTHER SHRUBS MUST MEET THE MINIMUM SIZES GIVEN IN THE PLANT LIST AND BE SPECIMEN QUALITY. SHRUBS THAT DO NOT MEET THESE GUIDELINES WILL BE REJECTED.
- PLANT MATERIAL SHALL ONLY BE INSTALLED WITHIN THE FOLLOWING DATES:  

DECIDUOUS TREES AND SHRUBS:	MAY 1 THROUGH NOV 15
EVERGREEN TREES AND SHRUBS:	MAY 1 THROUGH NOV 1
PERENNIALS AND ORN. GRASSES:	MAY 1 THROUGH OCT 15.
- TEST TREE PITS AND PLANT BEDS FOR ADEQUATE DRAINAGE. FILL PLANT PIT WITH 12" OF WATER. IF WATER LEVEL DOES NOT DROP A MINIMUM OF ONE INCH PER HOUR, NOTIFY THE LANDSCAPE ARCHITECT OF DRAINAGE ISSUES.
- PLANTING MIX FOR ALL PLANTINGS SHALL BE AS FOLLOWS 80% TOPSOIL AND 20% ONE STEP SOIL CONDITIONER FROM MIDWEST TRADING. MIXING OF PLANTING MIX COMPONENTS SHALL BE THOROUGHLY BLENDED OUTSIDE THE PLANTING PITS, PRIOR TO PLANTING.
- ALL PLANT BEDS ARE TO BE WELL SHAPED 'SPADE CUT' EDGES, 3" DEPTH, IN LINES OR IN CURVES AS SHOWN ON THE DRAWINGS.
- ALL PLANT MATERIAL, INCLUDING SOD, SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL 'ACCEPTANCE' IS GRANTED. MAINTENANCE SHALL INCLUDE, WATERING, WEEDING, PRUNING, STRAIGHTENING, SPRAYING, MULCH REPLACEMENT AND MOWING.
- CONTRACTOR TO PROVIDE COPIES OF INVOICES AND WARRANTY INFORMATION FOR ALL MATERIALS TO THE OWNER.
- THE CONTRACTOR SHALL REQUEST AN INSPECTION OF LANDSCAPE PLANTING UPON SUBSTANTIAL COMPLETION FOR "ACCEPTANCE". REQUEST MUST BE SUBMITTED TO LANDSCAPE ARCHITECT AT LEAST TEN DAYS PRIOR TO ANTICIPATED INSPECTION. UPON INSPECTION THE LANDSCAPE ARCHITECT SHALL PREPARE A PUNCH LIST OF UNACCEPTABLE OR OUTSTANDING ITEMS. AFTER THE ITEMS HAVE BEEN SATISFACTORILY COMPLETED AND REVIEWED, THE LANDSCAPE ARCHITECT WILL RECOMMEND "ACCEPTANCE". SOD AND SEED SHALL BE REVIEWED FOR ACCEPTANCE, ONLY AFTER THEY HAVE FULLY ROOTED AND HAVE BEEN MOWED AT LEAST TWICE.
- ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF "ACCEPTANCE". AT OR NEAR THE END OF THE GUARANTEE PERIOD, THE CONTRACTOR SHALL REQUEST AN INSPECTION OF LANDSCAPE PLANTING FOR "FINAL ACCEPTANCE". REQUEST MUST BE SUBMITTED TO LANDSCAPE ARCHITECT AT LEAST TEN DAYS PRIOR TO ANTICIPATED INSPECTION. UPON INSPECTION THE LANDSCAPE ARCHITECT SHALL PREPARE A PUNCH LIST OF UNACCEPTABLE ITEMS. AFTER THE ITEMS HAVE BEEN SATISFACTORILY REPLACED OR REPAIRED, REVIEWED AND APPROVED, THE LANDSCAPE ARCHITECT WILL RECOMMEND "FINAL ACCEPTANCE".

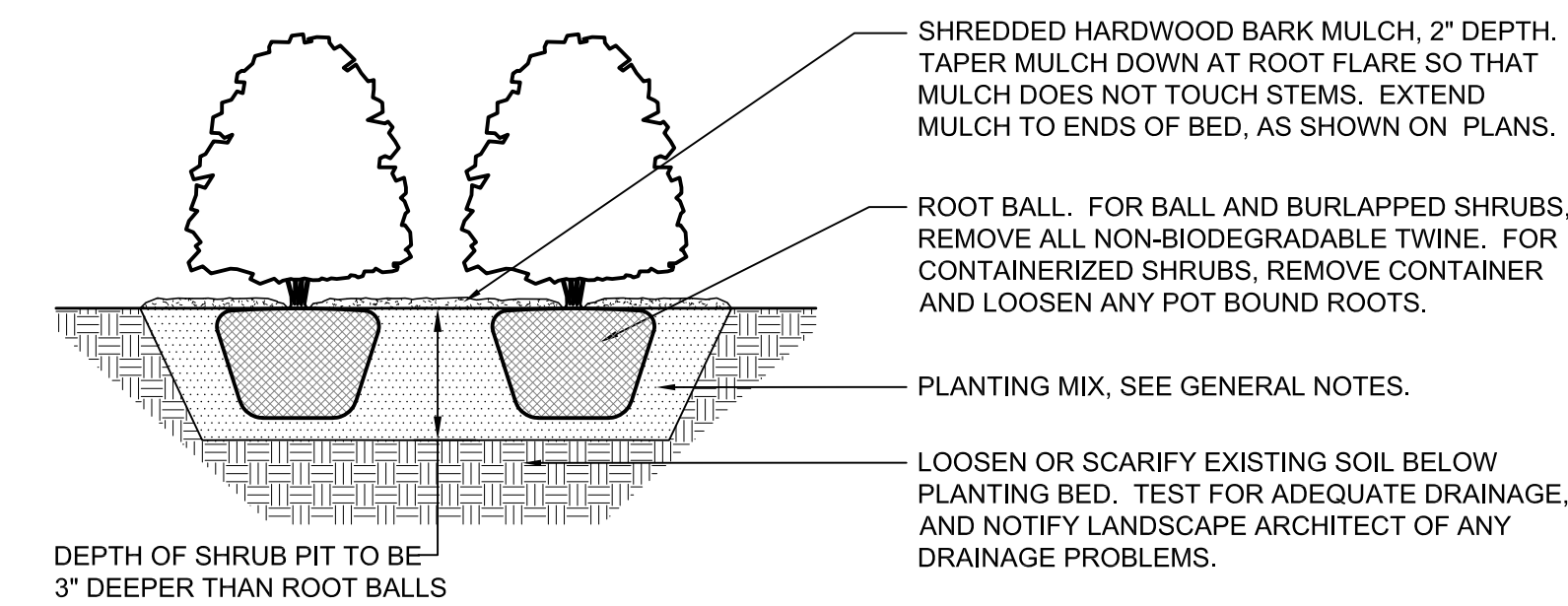
LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. TREE PIT WIDTH TO BE EXTENDED 12" AROUND THE ENTIRE ROOT BALL AS SHOWN IN THE DETAIL BELOW. TEST TREE PIT FOR DRAINAGE PRIOR TO INSTALLING TREE. PRUNE OFF ALL DEAD, BROKEN OR SCARRED BRANCHES, AND SHAPE PRUNE AS DIRECTED BY THE LANDSCAPE ARCHITECT. FOR TREES UP TO 4" CALIPER OR 12' HEIGHT, REMOVE APPROXIMATELY 5% OF THE OVERALL BRANCHING. LOCATE ROOT FLARE IN ROOT BALL AND SET TREE HEIGHT SO THAT ROOT FLARE IS FLUSH WITH FINISH GRADE. WATER IN THE PLANTING MIX THOROUGHLY, WHILE KEEPING THE TREE PLUMB. STRAIGHTEN TREE IF SETTLING OCCURS. CONTRACTOR TO UN-TIE AND REMOVE TWINE FROM AROUND ROOT FLARE OF TREE AT THE END OF THE WARRANTY PERIOD.



**1 TREE PLANTING DETAIL**

NOT TO SCALE

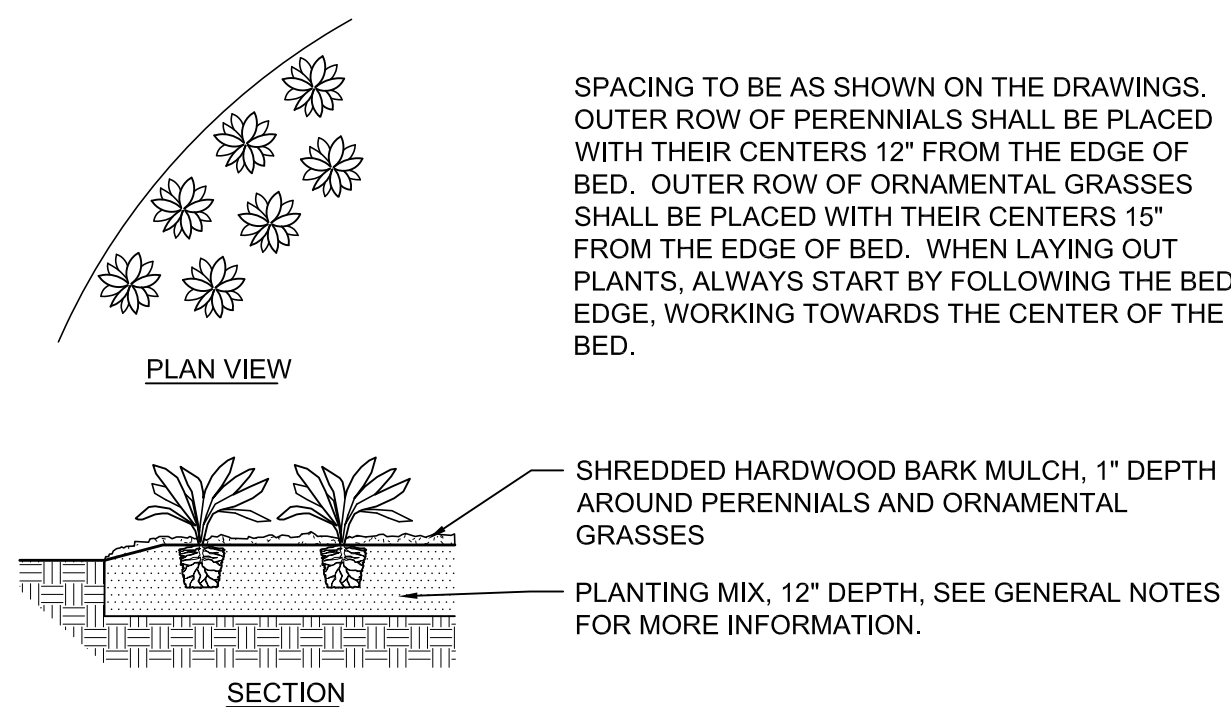
LOCATE ALL UNDERGROUND UTILITIES PRIOR TO PLANTING. SHRUBS BEDS ARE TO BE EXCAVATED AS A SINGLE SHRUB PIT. EXTEND SHRUB PIT WIDTH TO EDGES OF PLANT BED AS SHOWN ON THE LANDSCAPE PLAN. LOCATE ROOT FLARE IN ROOT BALL AND SET SHRUB HEIGHT SO THAT ROOT FLARE IS FLUSH WITH FINISH GRADE. REMOVE TWINE FROM ROOT FLARE. BACKFILL AND WATER IN THE PLANTING MIX THOROUGHLY, WHILE KEEPING THE SHRUB PLUMB. STRAIGHTEN SHRUB IF SETTLING OCCURS. PRUNE OFF ALL DEAD, BROKEN OR SCARRED BRANCHES, AND SHAPE PRUNE AS DIRECTED BY THE LANDSCAPE ARCHITECT. MULCH LIMITS FOR SHRUBS SHALL EXTEND TO ALL OUTER EDGES OF PLANTING BEDS, SEE LANDSCAPE PLAN FOR BED LAYOUTS.



**2 SHRUB PLANTING DETAIL**

NOT TO SCALE

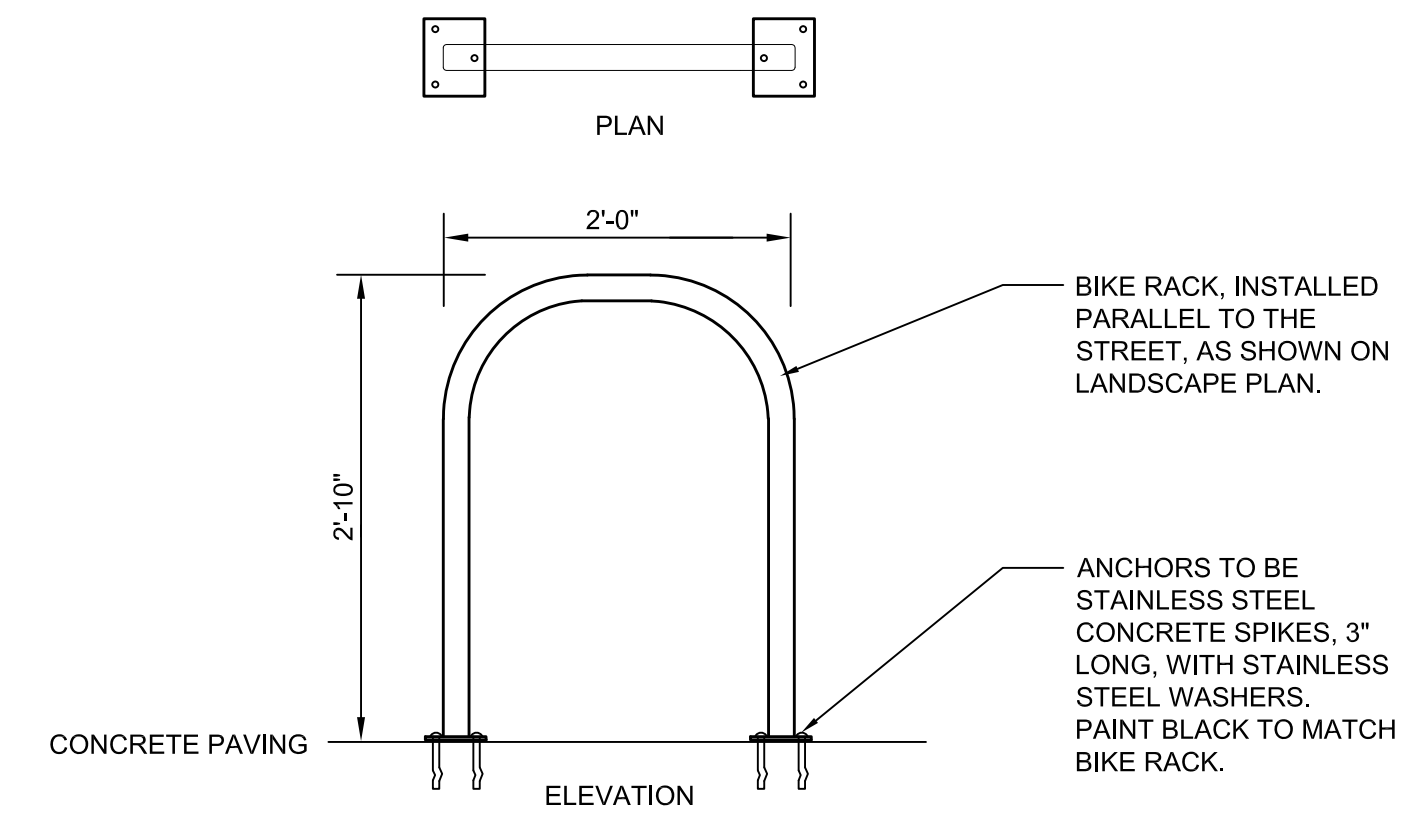
LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING. EXCAVATE ENTIRE PERENNIAL BED, AND BACKFILL WITH PLANTING MIX AS SPECIFIED. BED HEIGHT IS TO BE 1" ABOVE FINISH GRADE AND WELL DRAINED. MULCH LIMITS FOR PERENNIAL BEDS TO EXTEND TO ALL EDGES OF THE BEDS. SEE PLANS FOR BED LAYOUTS. SEE PLANT LIST FOR PLANT SPACING. GAPS BETWEEN PLANTS SHALL BE NO GREATER THAN THE SPECIFIED SPACING FOR THAT PARTICULAR PLANT.



**3 PERENNIAL AND ORNAMENTAL GRASS PLANTING DETAIL**

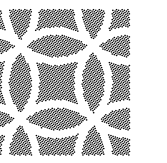
NOT TO SCALE

BIKE RACKS TO BE WELLE SERIES FLAT TOP SQUARE TUBE WITH SURFACE FLANGE, MODEL WSWF02-SQ-SF-GP. MANUFACTURER IS PALMER GROUP, BIKEPARKING.COM. BIKE RACKS TO BE HOT DIPPED GALVANIZED WITH BLACK POWDER COAT. USE PERMANENT ANCHORS AS RECOMMENDED BY THE MANUFACTURER. BIKE RACKS TO BE LOCATED A MINIMUM OF 2 FEET AWAY FROM ALL TREES GRATES, UTILITIES, OR OTHER STRUCTURES. TOTAL QUANTITY=2 @ 3' O.C. AS SHOWN PLAN.



**4 BIKE RACK DETAIL**

NO SCALE



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Revisions	
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6.	
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Project

LAGRANGE ROAD AND 149TH STREET  
ORLAND PARK, ILLINOIS

Sheet Title  
**LANDSCAPE NOTES AND DETAILS**

Date 04/25/22	Project No. DWP 22-121
Scale NONE	Sheet No.
Drawn By FERGUSON	<b>L300</b>
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