PLANTING DETAILS PLANTING NOTES: PLANT SO THAT TOP OF ROOT BALL IS EVEN/SLIGHTLY ABOVE FINISHED GRADE CANOPY SPREAD STAKE TO FIRST BRANCHES AS NECESSARY FOR FIRM SUPPORT STAKING WIRE SHALL NOT TOUCH OR RUB ADJACENT TRUNKS OR BRANCHES 2-3, 2" X 2" HARDWOOD STAKES -DRIVEN FIRMLY A MINIMUM OF PRIOR TO BACKFILLING 2-STRAND 12-GAUGE GALV.— TREE WRAP WIRE TWISTED AND ENCASED IN RUBBER HOSE 6-9" -3" MULCH MIN. FROM TOP OF STAKE 2 WIRE FORM SAUCER SUPPORTS SHALL BE USED ON MAIN STRUCTURAL BRANCHES SPECIFIED PLANTING MIX WATER & TAMP TO REMOVE AIR POCKETS STAKING AND WRAPPING TREE PLANTING & STAKING NOT TO SCALE PLANTING NOTES: STAKE AND GUY AS NEEDED • DO NOT CUT OR DAMAGE LEADER 2-STRAND 12-GAUGE GALV. WIRE TWISTED AND ENCASED IN RUBBER HOSE 6 - 9" FROM TOP OF STAKE _12-GUAGE GALVANIZED WIRE, DOUBLE STRAND TWISTED. _SET ROOTBALL 3" HIGHER THAN GRADE AT WHICH TREE GREW 4" DEEP WATER RETENTION BASIN - APPLY SPECIFIED MULCH 3" DEEP TO REMAIN PERMANENTLY FINISHED GRADE — 2" X 2" HARDWOOD STAKES DRIVEN FIRMLY A MINIMUM OF 24" INTO THE SUBGRADE PRIOR TO BACKFILLING - UNDISTURBED SUBGRADE 2 x ROOTBALL DIA EVERGREEN TREE PLANTING NOT TO SCALE PLANTING NOTES: · STAKE TO FIRST BRANCHES AS NECESSARY FOR FIRM SUPPORT WIRE SHALL NOT TOUCH OR RUB AGAINST 2" X 2" HARDWOOD STAKES DRIVEN FIRMLY A MINIMUM OF 24" INTO THE SUBGRADE PRIOR TO BACKFILLING TRUNKS OR BRANCHES 2-STRAND 12-GAUGE GALV. WIRE TWISTED AND ENCASED IN RUBBER HOSE 6 - 9" FROM TOP OF STAKE 3" MULCH MIN. -2 WIRE SUPPORTS SHALL BE USED ON MAIN STRUCTURAL FORM SAUCER WITH ----SPECIFIED PLANTING MIX WATER & TAMP TO STAKING AS REQUIRED 2 X BALL DIA MULTI-TRUNK TREE STAKING NOT TO SCALE FORM SAUCER WITH -3" MULCH MIN. 3" CONTINUOUS RIM MIX. WATER & TAMP TO REMOVE AIR SHRUB PLANTING NOT TO SCALE PLANT SPACING AS -3" COMPOST/LEAF MULCH -INSTALLED BEFORE PLANTING PREPARE BED AS PER — WRITTEN SPECIFICATION PERENNIAL PLANTING NOT TO SCALE PLANT SO THAT TOP OF ROOTBALL IS EVEN WITH THE FINISHED FORM SAUCER WITH 3" CONTINUOUS RIM -BACKFILL TO MEET EX. -LEVEL GRADE AT -SPECIFIED PLANTING MIX. WATER & TAMP TO REMOVE AIR POCKETS EXISTING GRADE -HILLSIDE PLANTING NOT TO SCALE

GENERAL LANDSCAPE NOTES

- 1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED. ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE STANDARDS AND CODES.
- 2. CALL J.U.L.I.E. UTILITY LOCATING SERVICE (TEL 800.892.0123), 48 HOURS PRIOR TO THE START OF ANY DIGGING.

3. GENERAL PLANT NOTES:

- A. ALL PLANT MATERIAL SHALL CONFORM IN SIZE AND GRADE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK.
- B. ALL PLANT MATERIAL SHALL BE MAINTAINED ALIVE, HEALTHY, AND FREE FROM DISEASE AND PESTS.
- C. ALL NEW PLANT MATERIAL SHALL BE FROM A LOCAL SOURCE WHENEVER POSSIBLE (LESS THAN 50 MILES).
- D. PLANTS SHALL BE ALLOWED TO GROW IN THEIR NATURAL FORM / HABIT. PLANTS SHALL NOT BE PRUNED/HEDGED UNLESS ABSOLUTELY NECESSARY (DUE TO VISIBILITY OR HAZARD OBSTRUCTION).
- E. ALL LANDSCAPED AREAS SHALL BE FREE OF WEEDS, LITTER, AND SIMILAR SIGNS OF DEFERRED MAINTENANCE.
- F. MAINTENANCE AND CARE OF PLANT MATERIAL SHALL INCLUDE, BUT NOT BE LIMITED TO, WATERING, FERTILIZING (IF NECESSARY), DEAD-HEADING, WEEDING, AND MULCHING.
- 4. LOCATIONS OF PROPOSED PLANT MATERIAL MAY BE ADJUSTED AT TIME OF INSTALLATION DUE TO FINAL ENGINEERING AND FINAL LOCATION OF SITE UTILITIES.
- 5. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SPREADING TOPSOIL (6"-12" DEEP), FINE GRADING, AND PREPARATION OF ALL LAWN AND LANDSCAPE AREAS. ALL SOILS SHALL BE FREE OF CONSTRUCTION DEBRIS, PRIOR TO INSTALLING ANY PLANT MATERIAL.
- PRIOR TO SPREADING TOPSOIL, THE LANDSCAPE CONTRACTOR SHALL INSPECT AND ACCEPT ALL BASE GRADES. ANY DEVIATION FROM GRADES INDICATED ON THE GRADING PLAN SHALL BE CORRECTED BEFORE PLACING ANY TOPSOIL.
- 7. ALL SHRUB, GROUNDCOVER, PERENNIAL, AND ANNUAL PLANTING BEDS SHALL BE PREPARED WITH A SOIL AMENDMENT MIX 1/3 TOPSOIL, 1/3 MUSHROOM COMPOST, AND 1/3 TORPEDO SAND. MATERIAL SHALL BE ROTO-TILLED JUST PRIOR TO THE INSTALLATION OF PLANT MATERIAL.
- 8. ALL PLANTING ISLANDS SHALL BE MOUNDED TO A CENTER HEIGHT OF TWELVE INCHES (12").
- 9. ALL PLANTING BEDS ADJACENT TO LAWN AREAS SHALL HAVE A SPADED EDGE BORDER, UNLESS METAL OR OTHER BORDER IS SPECIFIED.
- 10. ALL PLANTING BED AREAS SHALL MAINTAIN A MAX. 3" DEEP LAYER OF SHREDDED HARDWOOD MULCH (COLOR: NON-DYED, BROWN).
- 11. LANDSCAPE CONTRACTOR SHALL COORDINATE PLANTING SCHEDULE WITH LANDSCAPE MAINTENANCE CONTRACTOR, TO ENSURE PROPER WATERING OF PLANTED AND SODDED AREAS AFTER INITIAL INSTALLATION.
- 12. LANDSCAPE CONTRACTOR SHALL COORDINATE WORK WITH OTHER CONTRACTORS ON SITE TO MINIMIZE ANY REDO OF COMPLETED LANDSCAPE WORK AND DAMAGE TO PLANT MATERIAL.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER OWN LAYOUT WORK. UPON REQUEST, LANDSCAPE ARCHITECT SHALL BE AVAILABLE TO ASSIST/APPROVE CONTRACTOR LAYOUT.
- 14. EVERY ATTEMPT HAS BEEN MADE TO DEPICT ALL EXISTING UTILITY LINES. CONTRACTOR SHALL USE PRECAUTION WHEN DIGGING. CONTRACTOR SHALL MAKE THEMSELVES THOROUGHLY FAMILIAR WITH ALL UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY DIGGING, VERIFYING LOCATIONS AND DEPTHS OF ALL UTILITIES.
- 15. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID SUBMITTAL, TO BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE SITE.
- 16. PLANT LIST QUANTITIES PROVIDED AT TIME OF FINAL PLANS ARE APPROXIMATIONS. CONTRACTORS ARE RESPONSIBLE FOR COMPLETING THEIR OWN QUANTITY TAKE-OFFS. IF A DISCREPANCY IS FOUND BETWEEN THE PLAN AND THE PLANT LIST, THEN THE PLAN SHALL PREVAIL.
- 17. PLANT SUBSTITUTIONS ARE ALLOWED DUE TO PLANT AVAILABILITY OR PLANTING TIME OF YEAR, ONLY WITH THE PRIOR CONSENT OF THE LANDSCAPE ARCHITECT. IF SUBSTITUTIONS ARE MADE WITHOUT PRIOR CONSENT, THE LANDSCAPE ARCHITECT MAINTAINS THE RIGHT TO REJECT MATERIAL IN THE FIELD, AT THE COST TO THE CONTRACTOR.
- 18. CONTRACTOR TO PROVIDE TEST OF EXISTING AND IMPORTED SOILS PER SPECIFICATIONS. PLANTING SOIL SHALL BE AMENDED PER SPECIFICATIONS.
- 19. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AREAS OF POOR DRAINAGE OR OTHER UNUSUAL SUBSURFACE CONDITIONS ARE ENCOUNTERED DURING EXCAVATION FOR PLANTING PITS.
- 20. ALL TURF SHALL SHALL BE KENTUCKY BLUEGRASS BLEND SOD (MINERAL, NOT PEAT), UNLESS OTHERWISE NOTED ON THE PLAN.
- 21. CONTRACTOR SHALL RESTORE LAWN AREAS THAT HAVE REMAINED PARTIALLY INTACT, TOP DRESSING WITH SOIL, SCARIFYING, AND SEEDING TO FORM A SMOOTH, FULL, EVEN LAWN, FREE OF BARE SPOTS, INDENTATIONS, AND WEEDS.
- 22. LANDSCAPE DETAILS SHOWN ARE FOR DESIGN INTENT ONLY, LANDSCAPE ARCHITECT ASSUMES NO LIABILITY. CONTRACTOR IS RESPONSIBLE FOR ERECTING AND INSTALLING PROPERLY BUILT AMENITIES PER CODE, PER SITE CONDITIONS (FINAL GRADING & UTILITY LOCATIONS), AND PER AREA CLIMATE CONDITIONS. ALL LANDSCAPE SITE DETAILS FOR STRUCTURES AND FOOTINGS SHALL BE REVIEWED & APPROVED BY A STRUCTURAL ENGINEER.
- 23. CONTRACTOR INSTALLATION BIDS SHALL INCLUDE A ONE-YEAR WARRANTY ON ALL PLANT MATERIAL, , IN PERPETUITY.
- 24. (IF APPLICABLE) CONTRACTOR INSTALLATION BIDS SHALL INCLUDE A THREE-YEAR MONITORING AND MAINTENANCE PROGRAM ON ALL NATURALIZED DETENTION AREAS.

PROJECT TEAM

DEVELOPER:

NET3 REAL ESTATE 2803 BUTTERFIELD ROAD, SUITE 310 OAK BROOK, IL 60523 TEL (678) 409-3413

CONTACT: JENNIFER BERK

ARCHITECT:

RICHARD L. BOWEN + ASSOCIATES INC. 13000 SHAKER BOULEVARD CLEVELAND, OH 44120 TEL (216) 377-3850

CONTACT: MELANIE LEWIS

CIVIL ENGINEER:

TEL (630) 520-2467

ADVANTAGE CONSULTING ENGINEERS 80 MAIN STREET, SUITE 17 LEMONT, IL 60439

CONTACT: BILL ZALEWSKI

ECOLOGIST:

ECOLOGY + VISION, LLC P.O. BOX 98 LELAND, IL 60531 TEL (815) 981-8003

CONTACT: JENNA WHALEN / ANDY STAHR

LANDSCAPE ARCHITECT:

DICKSON DESIGN STUDIO, INC. 526 SKYLINE DRIVE ALGONQUIN, IL 60102 TEL (847) 878-4019

CONTACT: SHARON DICKSON

SHEET KEY

L0.1 PROJECT TEAM

GENERAL LANDSCAPE NOTES

PLANTING DETAILS (GENERAL)

L0.2 BIO-SWALE PLANT LISTS

BIO-SWALE SPECIFICATIONS

L1.0 TREE PRESERVATION & REMOVAL PLAN

L2.0 PLANT & MATERIALS LIST (GENERAL)

PLANT COUNT CALCULATIONS

LANDSCAPE PLAN



526 SKYLINE DRIVE ALGONQUIN IL 60102 847 878 4019

CLIENT NAME AND ADDRESS

NET3, LLC

OAK BROOK, IL

PLAN DATE **JUNE 1, 2016**

REVISIONS

1. PER WATER MAIN 6/30/16
2. PER VILL COMMENTS 7/18/16
3. PER VILL COMMENTS 7/19/16

4. PER BASIN 8/19/16

5.

6.

7. 8.

10.

PROJECT NAME AND SHEET TITLE

COMMERCIAL DEVELOPMENT 7170 W. 159TH STREET

ORLAND PARK, IL

FINAL LANDSCAPE PLAN

SHEET NUMBER

LO.1

BIO-SWALE PLANT LISTS

Trans	sitional Buffer Seed Mix (Dry-Mesic Soils)																	
MIX STAT	STICS	-																	
Number o	f Native Species in Mix	2																	
Native FQ		2.8																	
Native Me	an C Value	4.0]																
Native Me	an W Value	5.0																	
National V	Vetland Category	UPL																	
Total Lbs o	of Native Seed	6.5																	
Seeds per	Square Foot	178.1																	
Percent of	Mix (by Seed Count) Requiring Stratification	0.0%																	
Acres to b	e Planted	3,180.00																	
Grasses, S	edges, & Rushes			T	T	1					4 710 45					0.4	NE 8411/		
CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	Min-Max	GHT	BLOOM			J A S		SEEDS/OZ	TOTAL OZ	TOTAL LBS		by Seed Count	GERMINATION	TOP SOW
BOUCUR	Bouteloua curtipendula	Side-oats Grama	8	5	UPL	1.5-2.5'	2	N/A	A IVI	,	J A S	-		80.00	5.00	by Weight 76.929	<u> </u>	N/A	1
	Bouteloua dactyloides 'BOWIE'	Bowie Buffalo Grass	0	5	UPL	3"-8"	0.5	N/A	М	J.	J A S	-	3,600	24.00		23.089		N/A	+
	•	•	•	•		•		•					Grass/Sedge	Subtotals	6.500	100.009	6 100.00%		•
													Mix TO	TALS	6.500	100.009	6 100.00%		

Mesic Prairie Seed Mix (Mesic Soils)

MIX STATISTICS	
Number of Native Species in Mix	34
Native FQI	33.8
Native Mean C Value	5.8
Native Mean W Value	2.5
National Wetland Category	FACU-
Total Lbs of Native Seed	4.5
Seeds per Square Foot	181.3
Percent of Mix (by Seed Count) Requiring Stratification	58.7%
Square Feet to be Planted	6,625.00

Grasses, Sedges, & Rushes

Grasses, S	beages, & Rusiles																			
CODE	SCIENTIFIC NAME	COMMON NAME	CVALUE	34/3/4/115	METNIECC	HEI	GHT	BLOOM		BLO	OM	TIME		CEEDC/OZ	TOTAL 07	TOTALIBO	% O	F MIX	GERMINATION	TOD COM
CODE	SCIENTIFIC NAIVIE	COMMON NAME	C-VALUE	W-VALUE	WEINESS	Min-Max	Typical	COLOR	Α	M J	J	A S	0	SEEDS/UZ	IUIALUZ	TOTAL LBS	by Weight	by Seed Count	GERIVIINATION	IOP SOW
BOUCUR	Bouteloua curtipendula	Side-oats Grama	8	5	UPL	1.5-2.5'	2	N/A			J	A S	0	6,000	15.00	0.94	20.74%	7.50%	N/A	
CXBICK	Carex bicknellii	Copper-shouldered Oval Sedge	10	3	FACU	1.5-2.5'	2	N/A		M J				17,000	1.00	0.06	1.38%	1.42%	CM-60	
CXBREV	Carex brevior	Plains Oval Sedge	4	0	FAC	1-3'	2	N/A		M J				29,000	1.00	0.06	1.38%	2.42%	CM-60	
CXMOLE	Carex molesta	Field Oval Sedge	2	0	FAC	1-2.5'	2	N/A		M J				25,000	1.00	0.06	1.38%	2.08%	CM-60	
ELYCAN	Elymus canadensis	Canada Wild Rye	4	3	FACU	3-5'	5	N/A			J	A S		5,200	7.00	0.44	9.68%	3.03%	N/A	
JUNINT	Juncus interior	Inland Rush	6	0	FAC	1-2'	2	N/A		J	J	A S		2,800,000	0.0625	0.00	0.09%	14.59%	CM-60	Yes
PANVIR	Panicum virgatum	Switch Grass	5	0	FAC	3-6'	4	N/A			J	A S		14,000	3.00	0.19	4.15%	3.50%	N/A	
SCHSCO	Schizachyrium scoparium	Little Bluestem	5	3	FACU	2-3'	3	N/A			J	A S	0	15,000	12.00	0.75	16.59%	15.01%	N/A	
									•			·		Grass/Sedg	e Subtotals	2.504	55.40%	49.55%		

Wildflow						μει	GHT	вьоом	Т	BLOC	M TIN	1 E					9/ Q 1	F MIX		
CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WETNESS	Min-Max		COLOR	A		JA		o si	EDS/OZ T	OTAL OZ TO	TAL LBS		by Seed Count	GERMINATION	TOP SO
ALLCER	Allium cernuum	Nodding Onion	7	3	FACU	1-2'	1.5	Purple			J A	_		7,600	0.50	0.03	0.69%	0.32%	CM-60	
ASCTUB	Asclepias tuberosa	Butterfly Weed	7	5	UPL	1-2.5'	2	Orange		J	JA			4,300	2.00	0.13	2.77%	0.72%	CM-30	
BAPALB	Baptisia alba	White Wild Indigo	8	3	FACU	3-6'	4	White		J	J A			1,700	0.50	0.03	0.69%	0.07%	CM-10, H, I	
CHAFAS	Chamaecrista fasciculata	Partridge Pea	5	3	FACU	6"-2'	2	Yellow			J A	S	0	2,700	4.00	0.25	5.53%	0.90%	CM-10, H, I	
CORPAL	Coreopsis palmata	Prairie Coreopsis	6	5	UPL	1-2.5'	2	Yellow		J	JA			10,000	0.125	0.01	0.17%	0.10%	CM-60, M	
DALPUR	Dalea purpurea	Purple Prairie Clover	9	5	UPL	1-3'	2	Purple		J	JA			18,000	1.25	0.08	1.73%	1.88%	J, I	
ECHPAL	Echinacea pallida	Pale Purple Coneflower	8	5	UPL	2-3'	3	Purple		J	J			5,200	4.00	0.25	5.53%	1.73%	CM-90 or M	
ECHPUR	Echinacea purpurea	Purple Coneflower	3	5	UPL	2-5'	4	Purple			JA	S		6,600	2.00	0.13	2.77%	1.10%	N/A	
ERYYUC	Eryngium yuccifolium	Rattlesnake Master	9	0	FAC	2-5'	4	White			JA	S		7,500	1.00	0.06	1.38%	0.63%	CM-60	
HELPAU	Helianthus pauciflorus	Stiff Sunflower	8	5	UPL	2-5'	4	Yellow			Α	S	0	4,000	0.50	0.03	0.69%	0.17%	CM-30	
HELHEL	Heliopsis helianthoides	Early Sunflower	5	3	FACU	3-5'	5	Yellow		J	JA	S		6,300	4.00	0.25	5.53%	2.10%	CM-30	
LESCAP	Lespedeza capitata	Round-headed Bush Clover	4	3	FACU	2-5'	4	Green			JA	S		8,000	0.50	0.03	0.69%	0.33%	CM-10, H, I, J	
LIAPYC	Liatris pycnostachya	Prairie Blazing Star	8	0	FAC	2-4'	4	Purple			JA	S		11,000	1.00	0.06	1.38%	0.92%	CM-60	
MONFIS	Monarda fistulosa	Wild Bergamot	4	3	FACU	2.5-4'	4	Purple			JA	S		70,000	1.00	0.06	1.38%	5.84%	N/A	
PARINT	Parthenium integrifolium	Wild Quinine	8	5	UPL	2-3.5'	3	White		J	JA	S		7,000	0.50	0.03	0.69%	0.29%	CM-60	
PENDIG	Penstemon digitalis	Foxglove Beardtongue	4	0	FAC	2-3'	3	White		J	J			130,000	0.25	0.02	0.35%	2.71%	CM-30, G	Yes
PYCVIR	Pycnanthemum virginianum	Virginia Mountain Mint	5	-3	FACW	1-4'	3	White			JA	S		220,000	0.13	0.01	0.17%	2.29%	N/A	Yes
RATPIN	Ratibida pinnata	Yellow Coneflower	4	5	UPL	2-4'	4	Yellow		J	JA	S		30,000	3.00	0.19	4.15%	7.50%	CM-30	
RUDHIR	Rudbeckia hirta	Black-eyed Susan	1	3	FACU	2-3'	2	Yellow		J	JA	S	0	92,000	1.50	0.09	2.07%	11.50%	CM-30	
RUDSUB	Rudbeckia subtomentosa	Sweet Black-eyed Susan	9	3	FACU	3-6'	5	Yellow			JA	S	0	43,000	0.25	0.02	0.35%	0.90%	CM-30	
SILLAC	Silphium laciniatum	Compass Plant	5	5	UPL	6-12'	8	Yellow		J	JA	S		660	0.25	0.02	0.35%	0.01%	CM-60	
SOLRIG	Solidago rigida	Stiff Goldenrod	4	3	FACU	2-5'	4	Yellow			Α	S	0	41,000	0.75	0.05	1.04%	2.56%	CM-60	
SYMLAE	Symphyotrichum laeve	Smooth Blue Aster	9	3	FACU	1.5-3'	3	Blue			Α	S	0	55,000	0.25	0.02	0.35%	1.15%	N/A	
SYMNOV	Symphyotrichum novae-angliae	New England Aster	4	-3	FACW	3-5'	4	Purple			Α	S	0	66,000	0.50	0.03	0.69%	2.75%	CM-60	
TRAOHI	Tradescantia ohiensis	Ohio Spiderwort	2	3	FACU	2-4'	3	Blue	ı	M 1	J			8,000	1.25	0.08	1.73%	0.83%	CM-120 or M, G	
ZIZAUR	Zizia aurea	Golden Alexanders	7	0	FAC	1-2.5'	2	Yellow	A 1	M 1				11,000	1.25	0.08	1.73%	1.15%	CM-60 or M, G	
													V	/ildflower 9	ubtotals	2.016	44.60%	50.45%		
														Mix TO	ALS	4.520	100.00%	100.00%		

BIO-SWALE SPECIFICATIONS

REFER TO MONITORING & MAINTENANCE PLAN ("M&M")

Dry-Bottom Detention Basin Seed Mix (Mesic-Wet Soils at the Bottom of Basins or Swales)

MIX STATISTICS	
Number of Native Species in Mix	46 Mix Description: ecology's Dry Bottom Detention Basin Mix is designed for sunny areas that flood periodically for short periods of time, ranging from 24-48 hours, but
Native FQI	32.6 remain mesic-dry for most of the growing season. It is composed of species that tolerate fluctuating water levels & poor water quality, and is ideal for planting in the
Native Mean C Value	4.8 bottom of dry-bottom detention basins, within the "Bounce Zone" on detention basin slopes, dry-bottom bioswales, large rain gardens, and within open floodplains. This
Native Mean W Value	-1.0 is a medium height prairie with an average height of 3.4' by seed count and about 23% of seeds typically averaging 5.0' high or more. While this mix does provide
National Wetland Category	FAC+ flowering species from April-October, it is designed to be a bit graminoid heavy (particularly long-term) with nearly 66% of seeds being grass and sedge species. ecology
Lbs/Acre of Native Seed	30.0 designed the mix in this fashion to ensure excellent erosion control when used in stromwater applications. This mix can be supplemented with the recommended plug list
Seeds per Square Foot	330.8 provided below to add diversity, color, and resilience to the long-term health of your naturalized basin.
Percent of Mix (by Seed Count) Requiring Stratification	59.0%

Grasses, S	Sedges, & Rushes																		
CODE	SCIENTIFIC NAME	COMMON NAME	CVALUE	W-VALUE	WETNIECC	HEI	GHT	BLOOM	В	LOO	M TII	ME	SEEDS	OZ OZ/ACRE	LB/ACRE	% O	F MIX	GERMINATION	TOD SOW
CODE	SCIENTIFIC NAIVIE	COMMON NAME	C-VALUE	W-VALUE	WEINESS	Min-Max	Typical	COLOR	A M	J	JΑ	S	0 35503/	DZ OZ/ACKE	LD/ACRE	by Weight	by Seed Count	GERIVIINATION	TOP 30W
ANDGER	Andropogon gerardii	Big Bluestem	5	0	FAC	6-8'	7	N/A			Д	S	O 10,	00 64.00	4.00	13.33%	4.44%	N/A	
CXBEBB	Carex bebbii	Bebb's Oval Sedge	6	-5	OBL	1-3'	2	N/A		J	J		34,	00 2.00	0.13	0.42%	0.47%	CM-60	
CXBREV	Carex brevior	Plains Oval Sedge	4	0	FAC	1-3'	2	N/A	М	J			29,	00 4.00	0.25	0.83%	0.81%	CM-60	
CXCRIS	Carex cristatella	Crested Oval Sedge	4	-3	FACW	2-4'	3	N/A		J	J		58,	00 1.00	0.06	0.21%	0.40%	CM-60	
CXHYST	Carex hystericina	Porcupine Sedge	5	-5	OBL	1-2.5'	2	N/A		J	J		30,	00 2.00	0.13	0.42%	0.42%	CM-60	
CXMOLE	Carex molesta	Field Oval Sedge	2	0	FAC	1-2.5'	2	N/A	M	J			25,	00 3.00	0.19	0.63%	0.52%	CM-60	
CXSCOP	Carex scoparia	Lance-fruited Oval Sedge	7	-3	FACW	1-3'	2	N/A	M	J	J		84,	00 1.00	0.06	0.21%	0.58%	CM-60	
CXVULP	Carex vulpinoidea	Brown Fox Sedge	2	-3	FACW	1.5-3.5'	3	N/A	M	J	J		100,	00 8.00	0.50	1.67%	5.55%	CM-60	Yes
ELEPAL	Eleocharis palustris	Great Spike Rush	2	-5	OBL	1-3.5'	2	N/A	М	J	JΑ	\	51,	00 6.00	0.38	1.25%	2.12%	CM-60	Yes
ELYCAN	Elymus canadensis	Canada Wild Rye	4	3	FACU	3-5'	5	N/A			JΑ	\ S	5,	00 32.00	2.00	6.67%	1.15%	N/A	
ELYVIR	Elymus virginicus	Virginia Wild Rye	4	-3	FACW	2.5-4'	4	N/A			JΑ	\	4,	00 48.00	3.00	10.00%	1.40%	N/A	
JUNDUD	Juncus dudleyi	Dudley's Rush	4	-3	FACW	1-2.5'	2	N/A	M	J	J		3,200,	00 1.00	0.06	0.21%	22.21%	CM-60	Yes
PANVIR	Panicum virgatum	Switch Grass	5	0	FAC	3-6'	4	N/A			JΑ	S	14,	00 80.00	5.00	16.67%	7.77%	N/A	
SCHSCO	Schizachyrium scoparium	Little Bluestem	5	3	FACU	2-3'	3	N/A			JA	\ S	O 15,	00 64.00	4.00	13.33%	6.66%	N/A	
SCIATR	Scirpus atrovirens	Dark-green Bulrush	4	-5	OBL	2-6'	5	N/A		J	JA		460,	00 1.00	0.06	0.21%	3.19%	CM-60 or M	Yes
SCICYP	Scirpus cyperinus	Wool Grass	6	-5	OBL	3-5'	5	N/A			Д	\ S	O 1,700,	00 0.50	0.03	0.10%	5.90%	CM-60 or M	Yes
SORNUT	Sorghastrum nutans	Indian Grass	5	3	FACU	3-7'	6	N/A			Д	S	O 12,	00 16.00	1.00	3.33%	1.33%	N/A	
	· · · · · · · · · · · · · · · · · · ·		-					-					Grass/S	dge Subtotals	20.844	69.48%	64.94%		

6005	COURNITIES NAME	CON4040N NA045	6 1/4 1115		14/ETNIE66	HEI	GHT	BLOOM		BLOO	M TII	ME	SEEDS/07	07/4605	1 D /4 CDF	% OI	MIX	CERTAIN ATION	TOD 601
CODE	SCIENTIFIC NAME	COMMON NAME	C-VALUE	W-VALUE	WE INESS	Min-Max	Typical	COLOR	A M	1 J	JA	S	SEEDS/OZ	OZ/ACRE	LB/ACRE	by Weight	by Seed Count	GERMINATION	IOPSO
ALLCER	Allium cernuum	Nodding Onion	7	3	FACU	1-2'	1.5	Purple			JA		7,600	4.00	0.25	0.83%	0.21%	CM-60)
ASCINC	Asclepias incarnata	Swamp Milkweed	4	-5	OBL	3-6'	4	Pink			Δ	S	4,800	24.00	1.50	5.00%	0.80%	CM-30)
CHAFAS	Chamaecrista fasciculata	Partridge Pea	5	3	FACU	6"-2'	2	Yellow			JA	S	2,700	16.00	1.00	3.33%	0.30%	CM-10, H, I	i
CORTRI	Coreopsis tripteris	Tall Coreopsis	5	0	FAC	3-8'	7	Yellow			JΑ	S	14,000	6.00	0.38	1.25%	0.58%	CM-60	J
DESCAA	Desmodium canadense	Showy Tick Trefoil	4	3	FACU	3-6'	4	Purple			JA	\	5,500	4.00	0.25	0.83%	0.15%	J, I	ıT.
ECHPUR	Echinacea purpurea	Purple Coneflower	3	5	UPL	2-5'	4	Purple			JA	S	6,600	8.00	0.50	1.67%	0.37%	N/A	4
ERYYUC	Eryngium yuccifolium	Rattlesnake Master	9	0	FAC	2-5'	4	White			JA	A S	7,500	12.00	0.75	2.50%	0.62%	CM-60)
EUPPER	Eupatorium perfoliatum	Boneset	4	-5	OBL	3-4'	4	White			JΑ	A S	160,000	0.50	0.03	0.10%	0.56%	CM-30) Yes
EUTGRA	Euthamia graminifolia	Grass-leaved Goldenrod	4	-3	FACW	2-4'	3	Yellow			Δ	S (350,000	1.00	0.06	0.21%	2.43%	CM-60) Yes
EUTMAC	Eutrochium maculatum	Spotted Joe Pye Weed	4	-5	OBL	3-6'	5	Pink			JA	S	95,000	2.00	0.13	0.42%	1.32%	CM-30) Yes
HELAUT	Helenium autumnale	Sneezeweed	5	-3	FACW	2-5'	4	Yellow			Δ	\ S (130,000	3.00	0.19	0.63%	2.71%	N/A	A Yes
KUHEUP	Kuhnia eupatorioides	False Boneset	6	5	UPL	1-3.5'	3	Cream			Δ	4 S (32,000	4.00	0.25	0.83%	0.89%	N/A	4
LIAPYC	Liatris pycnostachya	Prairie Blazing Star	8	0	FAC	2-4'	4	Purple			JA	S	11,000	2.00	0.13	0.42%	0.15%	CM-60)
LIASPI	Liatris spicata	Marsh Blazing Star	6	0	FAC	2-5'	5	Purple			JΑ	\ S	11,000	2.00	0.13	0.42%	0.15%	CM-60	J
MONFIS	Monarda fistulosa	Wild Bergamot	4	3	FACU	2.5-4'	4	Purple			JΑ	S	70,000	4.00	0.25	0.83%	1.94%	N/A	4
PENDIG	Penstemon digitalis	Foxglove Beardtongue	4	0	FAC	2-3'	3	White		J	J		130,000	4.00	0.25	0.83%	3.61%	CM-30, G	3 Yes
PHYVIR	Physostegia virginiana	Obedient Plant	6	-3	FACW	3-4'	4	Pink			Δ	S	11,000	2.00	0.13	0.42%	0.15%	CM-60	(
PYCVIR	Pycnanthemum virginianum	Virginia Mountain Mint	5	-3	FACW	1-4'	3	White			JΑ	\ S	220,000	2.00	0.13	0.42%	3.05%	N/A	A Yes
RUDHIR	Rudbeckia hirta	Black-eyed Susan	1	3	FACU	2-3'	2	Yellow		J	JA	S	92,000	8.00	0.50	1.67%	5.11%	CM-30	(
RUDSUB	Rudbeckia subtomentosa	Sweet Black-eyed Susan	9	3	FACU	3-6'	5	Yellow			JΑ	4 S (O 43,000	1.00	0.06	0.21%	0.30%	CM-30	J
RUDTRI	Rudbeckia triloba	Brown-eyed Susan	3	3	FACU	2-6'	5	Yellow			JA	S	34,000	3.00	0.19	0.63%	0.71%	CM-30	ر
SILPER	Silphium perfoliatum	Cup Plant	5	-3	FACW	6-10'	8	Yellow			JA	S	1,400	0.50	0.03	0.10%	0.00%	CM-60)
SOLRID	Solidago riddellii	Riddell's Goldenrod	7	-5	OBL	2-4'	3	Yellow			Δ	S	93,000	2.00	0.13	0.42%	1.29%	CM-60) Yes
SOLRIG	Solidago rigida	Stiff Goldenrod	4	3	FACU	2-5'	4	Yellow			Δ	S	0 41,000	1.50	0.09	0.31%	0.43%	CM-60)
SYMNOV	Symphyotrichum novae-angliae	New England Aster	4	-3	FACW	3-5'	4	Purple			Δ	S	0 66,000	6.00	0.38	1.25%	2.75%	CM-60	ر
THADAS	Thalictrum dasycarpum	Purple Meadow Rue	5	-3	FACW	3-7'	6	Cream		J	J		11,000	4.00	0.25	0.83%	0.31%	CM-60, G	ز
VERHAS	Verbena hastata	Blue Vervain	4	-3	FACW	2-6'	5	Blue			JA	S	93,000	4.00	0.25	0.83%	2.58%	CM-30) Yes
VERFAS	Vernonia fasciculata	Common Ironweed	5	-3	FACW	3-6'	6	Purple			JA	S (24,000	4.00	0.25	0.83%	0.67%	CM-60)
ZIZAUR	Zizia aurea	Golden Alexanders	7	0	FAC	1-2.5'	2	Yellow	A N	1 J			11,000	12.00	0.75		0.92%	CM-60 or M, G	.
			-										Wildflowe	r Subtotals	9.156	30.52%	35.06%	•	
													—	OTALS	30.000	100.00%	100.00%		

BIO-SWALE DESIGN & PLANT LISTS PROVIDED BY:



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526 SKYLINE DRIVE ALGONQUIN IL 60102 847 878 4019

CLIENT NAME AND ADDRESS

NET3, LLC

OAK BROOK, IL

PLAN DATE

JUNE 1, 2016

REVISIONS

1. PER WATER MAIN 6/30/16
2. PER VILL COMMENTS 7/18/16
3. PER VILL COMMENTS 7/19/16
4. PER BASIN 8/19/16
5.
6.
7.

8.

10.

PROJECT NAME AND SHEET TITLE

COMMERCIAL DEVELOPMENT 7170 W. 159TH STREET ORLAND PARK, IL

FINAL LANDSCAPE PLAN

SHEET NUMBER

L0.2

TREE INVENTORY AND SUMMARY

* Per Village Code, Tree Replacement Standards:

- ALL OFFSITE, EXISTING TREES SHALL BE PRESERVED.

- TREE SURVEY & INVENTORY WAS COMPLETED BY: BOLLINGER ENVIRONMENTAL, INC. (DOWNERS GROVE, IL - TEL 630.968.1960)

Tree #	DBH (inches)	Scientific Name	Common Name	Condition (1-6)	Outcome	Replacements*
1	3"	Malus	Crabapple	3	Preserve	_
2	3"	Malus	Crabapple	3	Preserve	_
3	4"	Malus	Crabapple	4	REMOVE	exempt
4	4"	Pyrus	Pear	4	REMOVE	exempt
5	4"	Pyrus	Pear	4	REMOVE	exempt
6	4"	Pyrus	Pear	6	REMOVE	exempt
7	4"	Pyrus	Pear	4	REMOVE	exempt
8	3"	Malus	Crabapple	4	REMOVE	exempt
9	4"	Pyrus	Pear	4	REMOVE	exempt
10	3"	Malus	Crabapple	4	REMOVE	exempt
11	3"	Malus	Crabapple	4	REMOVE	exempt
12	10"	Pyrus	Pear	3	Preserve	_
13	5"	Tilia americana	Basswood	4	REMOVE	exempt
14	6"	Tilia americana	Basswood	4	REMOVE	exempt
15	10"	Tilia americana	Basswood	3	Preserve	_

Trees rated by a certified arborist as "poor" or "dead" are exempt from mitigation requirements

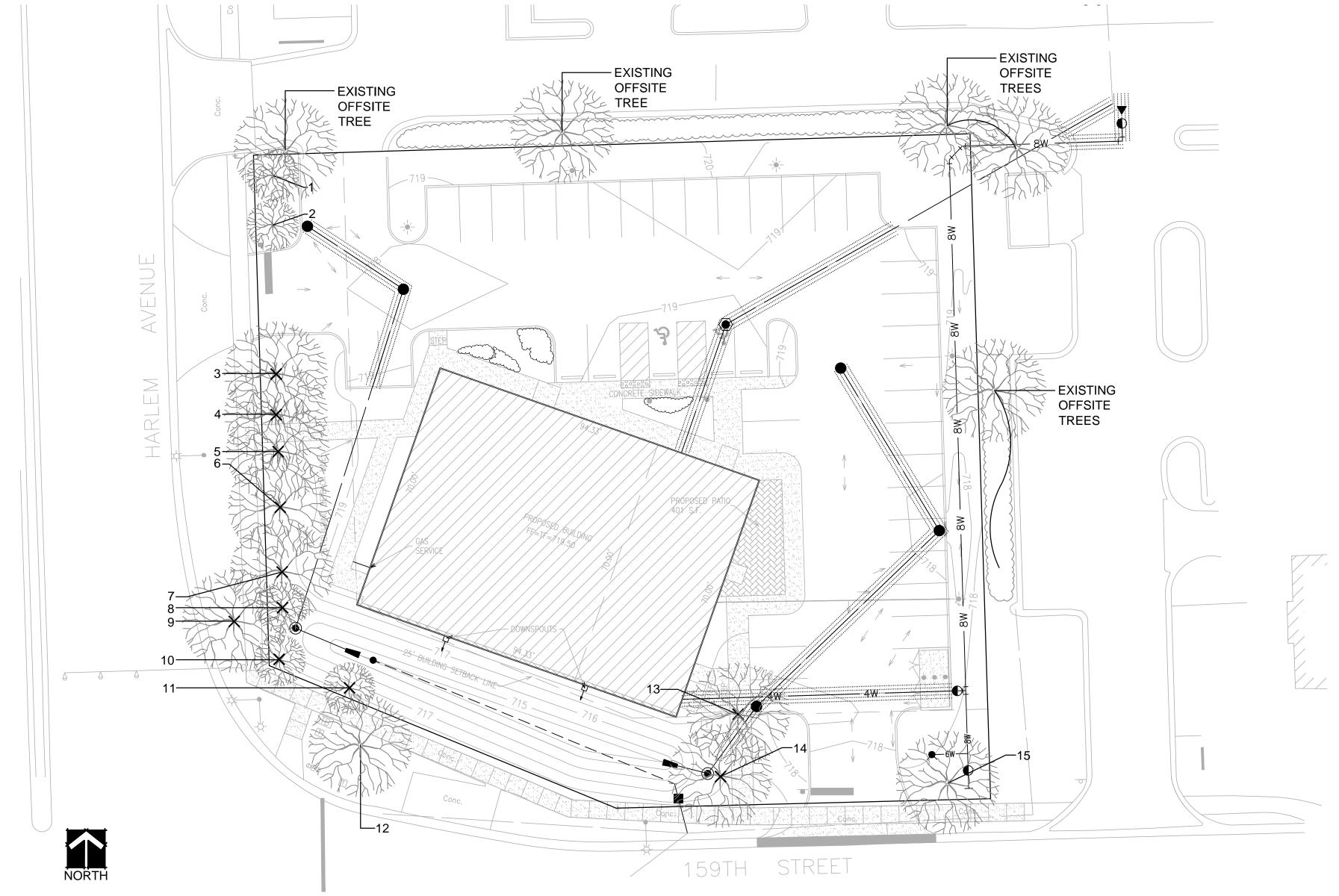
RATING SYSTEM:

CONDITION / FORM:

- 1 EXCELLENT
- ABOVE AVERAGE 3 TYPICAL CONDITION
- POOR CONDITION
- POOR / WORST CONDITION
- DEAD

SYMBOLS KEY

EXISTING TREES TO BE REMOVED (INDICATED WITH "X" OVER TREE SYMBOL)



EXISTING TREE SURVEY & PROPOSED SITE PLAN

SCALE: 1" = 20'-0"

- EXISTING TREES SHOWN TO REMAIN SHALL BE PRESERVED TO THE BEST EXTENT POSSIBLE, PENDING FINAL SITE PLAN, FINAL CIVIL ENGINEERING, AND/OR ANY UNFORESEEN ISSUES.

- PRIOR TO COMMENCING ANY CONSTRUCTION, ALL EXISTING TREES TO BE PRESERVED SHALL HAVE TREE PROTECTION FENCING ERECTED (SEE DETAIL).

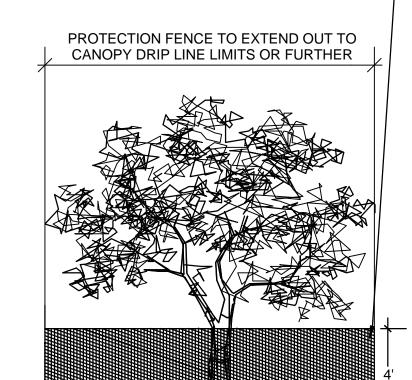
PROTECTION FENCING SHALL REMAIN INTACT UNTIL ALL CONSTRUCTION ACTIVITIES ONSITE HAVE BEEN COMPLETED.

NOTES

TREE PRESERVATION:

- A. ALL WORK MUST BE PERFORMED ACCORDING TO THE APPROVED TREE PRESERVATION PLAN. IT IS STRONGLY RECOMMENDED TO DOCUMENT GOOD STEWARDSHIP PRACTICES DURING CONSTRUCTION. IF REQUIRED, PRIOR TO COMMENCING ANY DEMOLITION / CONSTRUCTION ACTIVITY, NOTIFY MUNICIPAL FORESTRY DEPARTMENT (NOTIFY AT LEAST 48 HOURS IN **ADVANCE OF WORK).**
- B. AN APPROVED TREE PRESERVATION PLAN MUST BE AVAILABLE AT THE BUILDING SITE.
- C. PRIOR TO ANY DEMOLITION / CONSTRUCTION ACTIVITY, INSTALL TREE PRESERVATION FENCE AND PERFORM ROOT PRUNING FOR ALL PROTECTED
- D. FENCE THE CRITICAL ROOT ZONE (CRZ) / CANOPY DRIP-LINE, OF THE ENTIRE EXISTING TREE TO BE PRESERVED, WITH TREE PROTECTION FENCE. FENCE TO PREVENT WOUNDS TO THE TREE & SOIL COMPACTION. POST THE FENCE WITH A SIGN STATING, "TREE PROTECTION ZONE - KEEP OUT".
- E. ALL REQUIRED TREE PROTECTION FENCING SHALL REMAIN IN PLACE UNTIL THE TIME OF FINISH GRADING AND LANDSCAPING.
- F. NO TRENCHING SHOULD BE DONE WITHIN THE TREE PROTECTION ZONES FOR ANY CONSTRUCTION ACTIVITY, UNLESS PRE-APPROVED BY PROJECT ARBORIST &/OR PROJECT LANDSCAPE ARCHITECT.
- G. NO GRADE CHANGES SHOULD BE DONE WITHIN THE TREE PROTECTION ZONES OF TREES FOR ANY CONSTRUCTION ACTIVITY.
- H. SHOULD IT BE NECESSARY TO TRENCH WITHIN THE CRZ FOR UTILITIES, INCLUDING DISCONNECTION OR CAPPING OF EXISTING UTILITIES, ALL TRENCHES SHALL BE HAND DUG. NO ROOTS LARGER THAN TWO INCHES (2") SHALL BE CUT, UNLESS NO OTHER ALTERNATIVE IS FEASIBLE. ALL SMALLER ROOTS THAT REQUIRE CUTTING, SHALL BE CUT WITH A SHARP PRUNING SAW. CUTS SHALL BE MADE FLUSH WITH THE SIDE OF THE TRENCH. IF AT ANY TIME, TWENTY-FIVE PERCENT (25%) OF THE AREA WITHIN THE CRZ IS BEING SEPARATED FROM THE TREE BY A TRENCH, THEN THE LINE SHALL BE EITHER RELOCATED OR INSTALLED USING TRENCH-LESS METHODS.
- I. LOCATE THE PROPOSED WATER AND SEWER LINES OUTSIDE OF THE TREE PROTECTION ZONE OR INSTALL THE SEWER AND WATER UTILITIES USING TRENCH-LESS METHODS. AUGER THROUGH THE ENTIRE TREE PROTECTION ZONE, LOCATE PITS OUTSIDE OF THE TREE PROTECTION ZONE.
- J. THE PROPOSED WATER SERVICE LINE VALVES (B-BOXES), ARE TO BE TEN FEET (10') FROM PRESERVED TREES. IF FUTURE UTILITY EXCAVATIONS NEED TO OCCUR, THIS REDUCES THE CHANCES OF EXTENSIVE STEM OR ROOT DAMAGE, WHICH COULD LEAD TO TREE DECLINE.
- K. AT NO TIME SHALL ANY EQUIPMENT, MATERIALS, SUPPLIES OR FILL SOIL BE ALLOWED IN THE TREE PROTECTION ZONE(S). DO NOT STORE EXCAVATED SOIL OR THE DUMPSTER WITHIN THE DRIP-LINE (CRZ) OF THE PRESERVED TREE(S).
- REMOVAL OF ANY HARDSCAPE WITHIN THE TREE PROTECTION ZONES WILL BE DONE BY HAND. NO ROOTS LARGER THAN TWO INCHES (2") SHALL BE CUT, UNLESS THERE IS NO ALTERNATIVE FEASIBLE. CUTS WILL BE MADE WITH A SHARP PRUNING SAW TO AVOID TEARING AND WILL BE FLUSH WITH THE TREE SIDE OF THE TRENCH.
- M. THE TREE PROTECTION ZONE MAY BE MULCHED TO IMPROVE THE GROWING CONDITIONS FOR TREE ROOTS AND TO MINIMIZE MAINTENANCE OF THE
- N. ALL OFF-SITE TREES SHALL BE PRESERVED.
- O. EXISTING TREES SHOWN TO REMAIN SHALL BE PRESERVED TO THE BEST EXTENT POSSIBLE, PENDING FINAL SITE PLAN, FINAL CIVIL ENGINEERING, AND/OR ANY UNFORESEEN ISSUES

TREE PROTECTION FENCE DETAIL



FENCE TO BE PROVIDED AROUND ALL OFF-SITE TREES WHOSE CANOPY DRIP-LINE EXTENDS ACROSS BOUNDARIES OF PROJECT SITE.

FENCE IS FOR PROTECTION OF ZOOT ZONES.

FENCE SHALL REMAIN IN PLACE ON PROJECT SITE UNTIL ADJACENT CONSTRUCTION IS COMPLETE.

FENCE SHALL BE 4' TALL, ORANGE, SNOW-FENCE (OR APPROVED EQUAL), POSTED WITH A SIGN THAT READS: "TREE PROTECTION ZONE - KEEP OUT"

SECURE FENCE TO WOODEN STAKES OR METAL POLES, SPACED NO GREATER THAN 8' ON CENTER

AFTER EXISTING TREES ARE FENCED, NOTHING IS TO BE DISTURBED, STORED, PARKED, ETC., INSIDE CONSTRUCTION FENCE. REMOVE FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.



526 SKYLINE DRIVE **ALGONQUIN IL 60102** 847 878 4019

CLIENT NAME AND ADDRESS

NET3, LLC

OAK BROOK, IL

PLAN DATE **JUNE 1, 2016**

	REVIS	IONS	
	1.	PER	WATER MAIN 6/30/16
•	2.	PER	VILL COMMENTS 7/18/1
	3.	PER	VILL COMMENTS 7/19/1
	4.	PER	BASIN 8/19/16
•	5.		
			•

PROJECT NAME AND SHEET TITLE

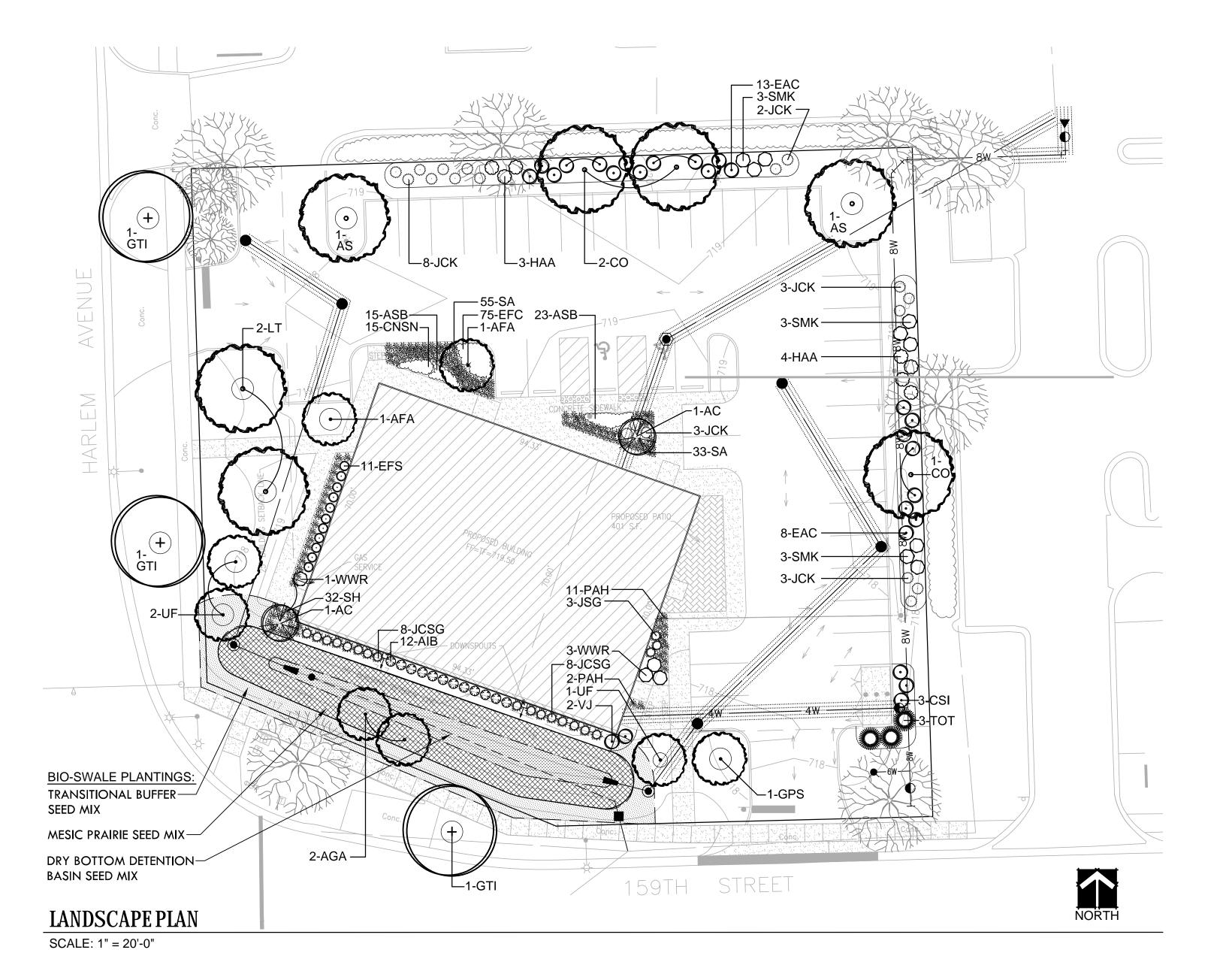
COMMERCIAL DEVELOPMENT

7170 W. 159TH STREET, ORLAND PARK, IL

TREE PRESERVATION & **REMOVAL PLAN**

SHEET NUMBER

L1.0



PLANT & MATERIALS LIST

CODE	<u>QTY</u>	SIZE	BOTANIC NAME	COMMON NAME
Shade Tre	es			
AS	2	3" caliper	Acer saccharum	Sugar Maple
CO	3	3" caliper	Celtis occidentalis	Hackberry
GTI	3	3" caliper	Gleditsia triancanthos var. inermis	Thornless Common Honeylocust
LT	2	3" caliper	Liriodendron tulipifera	Tulip Tree
Columnar	Shade Tr	ees	•	
AFA	2	3" caliper	Acer x freemanii 'Armstrong'	Armstrong Freeman Maple
GPS	1	3" caliper	Gingko biloba 'Princeton Sentry'	Princeton Sentry Ginkgo
UF	3	3" caliper	Ulmus parvifolia 'Frontier'	Frontier Chinese Elm
Evergreen	Trees			
TOT	3	6' high	Thuja occidentalis 'Techny'	Mission Arborvitae
Ornamenta	al Trees			
AC	2	6' high (clump)	Amelanchier canadensis	Shadblow Serviceberry
AGA	2	6' high (clump)	Alnus glutinosa	European Black Alder
Evergreen	Shrubs			
EFS	11	24"	Euonymus fortunei 'Sarcoxie'	Upright Euonymus
JCK	19	24"	Juniperus chinensis 'Kallay Compact'	Kallay Compact Juniper
JSG	3	24"	Juniperus chinensis 'Sargent Green'	Sargent Green Juniper
JCSG	16	24"	Juniperus chinensis 'Sea Green'	Sea Green Juniper
Large Dec	iduous SI	nrubs		
CSI	3	36"	Cornus sericea 'Isanti Redtwig'	Isanti Redtwig Dogwood
EAC	21	36"	Euonymus alatus 'Compactus'	Dwarf Burning Bush
HAA	7	36"	Hydrangea aborescens 'Annabelle'	Annabelle Hydrangea
SMK	9	36"	Syringa patula 'Miss Kim'	Miss Kim Lilac
VJ	2	60"	Viburnum x juddii	Judd Viburnum
WWR	4	36"	Weigela florida 'Wine & Roses'	Wine & Roses Weigela
Small Dec	iduous SI	nrubs		
AIB	12	30"	Aronia melanocarpa 'Iroquis Beauty'	Iroquois Beauty Black Chokeberry
Ornamenta				
PAH	13	1 Gal.	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass
SA	88	1 Gal.	Sesleria autumnalis	Autumn Moor Grass
SH	32	1 Gal.	Sporobolus heterolepsis	Prairie Dropseed
Perennials				
ASB	38	1 Gal.	Allium x 'Summer Beauty'	Summer Beauty Ornamental Onion
CNSN	15	1 Gal.	Calamintha nepeta ssp. nepeta	Calamint
Groundcov				
EFC	75	3" pot	Euonymus fortunei 'Coloratus'	Purpleleaf Wintercreeper
Materials				
-	6	C.Y.	-	Soil Amendments
-	19	C.Y.	-	Shredded Hardwood Mulch
-	TBD	S.Y.	-	Kentucky Bluegrass Blend Sod / Seed & Blanket

PLANT COUNT CALCULATIONS

PARKWAY:

EVERY 40 L.F.:

- (1) 2.5" CALIPER SHADE TREE REQUIRED

- 33' FROM INTERSECTING STREETS,

	PLANT MATERIAL REQUIRED / PROPOSED
LENGTH	SHADE TREE
352 L.F.	9 / 3 (WITH 1 EXISTING) TOTAL 4

BUFFER:

EVERY 100 L.F.:

- (3) 2.5" CALIPER SHADE TREES- (1) ORNAMENTAL / EVERGREEN- (16) SHRUBS

		-	
	PLANT MAT	ERIAL REQUIRED / PROPOSED	
LENGTH	SHADE TREE	EVERGREEN / ORNAMENTAL	SHRUBS
336 L.F.	11 / 11	3/3	53 / 56

FOUNDATION:

EVERY 100 L.F. (PLANTABLE BLDG. FACADE):
- (1) ORNAMENTAL TREE
- (16) SHRUBS / GRASSES

- 10' WIDE PLANTING BEDS ON FACADE FACING

PUBLIC STREET, AT 100%
- 7' WIDE PLANTING BEDS ON FACADE NOT FACING PUBLIC STREET, AT 50%.

		PLANT MATERIAL REQUIRED / PROPOSED	
FACADE	LENGTH	ORNAMENTAL	SHRUBS & GRASSES
PUBLIC	163.7 L.F.	2/2	32 / 111
NOT PUB	0 L.F.	N/A	N/A

PARKING LOT:

EVERY (10) SPACES: - (1) PARKING ISLAND

- (1) 2.5" CALIPER TREE AND 60% COVERAGE (LIVE PLANT MATERIAL) PER PARKING ISLAND

		PLANT MATERIAL REQUIRED / PROPOSED	
	PARKING SPACES	SHADE TREE	
	39	4 / 4	



526 SKYLINE DRIVE ALGONQUIN IL 60102 847 878 4019

CLIENT NAME AND ADDRESS

NET3, LLC

OAK BROOK, IL

PLAN DATE

JUNE 1, 2016

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9.	

PROJECT NAME AND SHEET TITLE

COMMERCIAL DEVELOPMENT 7170 W. 159TH STREET ORLAND PARK, IL

FINAL LANDSCAPE PLAN

SHEET NUMBER

L2.0