

PLANT SCHEDULE

SYM.	GENUS & SPECIES COMMON NAME	QTY (PUB.)	PLANTING SIZE	ESTIMATED MATURE SIZE	DESIGN SPACING
TREES (DECIDUOUS CANOPY)					
	Acer x freemanii Autumn Blaze Maple	8	2.0" CALIPER B&B	45' H X 30' W	AS SHOWN
	Gleditsia triacanthos inermis 'Skyline' Skyline Honey Locust	17	2.0" CALIPER B&B	50' H X 40' W	AS SHOWN
	Quercus macrocarpa Bur Oak	1	2.0" CALIPER B&B	60' H X 40' W	AS SHOWN
TREES (EVERGREEN)					
	Juniperus chinensis 'Blue Point' Blue Point Juniper	11	6' HT, B&B	18' H X 5' W	AS SHOWN
	Picea pungens 'bakeri' Bakeri Spruce	7	6' HT, B&B	30' H X 12' W	AS SHOWN
	Pinus edulis Pinyon Pine	18	#15 GALLON	35' H X 20' W	AS SHOWN
	Pinus ponderosa Ponderosa Pine	6	#15 GALLON	70' H X 35' W	AS SHOWN
TREES (DECIDUOUS ORNAMENTAL)					
	Acer tataricum Hot Wings Maple	3	6' HT, B&B MULTI-STEM	20' H X 20' W	AS SHOWN
	Amelanchier x grandiflora Autumn Brilliance Serviceberry	2	6' HT, B&B MULTI-STEM	20' H X 20' W	AS SHOWN
	Populus tremuloides Quaking Aspen	30	#15 GALLON SINGLE STEM	35' H X 15' W	AS SHOWN
	Prunus cerasifera 'krauter' Fruitless Purpleleaf Plum	7	2" CAL, B&B SINGLE STEM	20' H X 15' W	AS SHOWN
	Pyrus calleryana 'Chanticleer' Chanticleer Pear	12	2" CAL, B&B SINGLE STEM	30' H X 15' W	AS SHOWN
DECIDUOUS SHRUBS - LARGE 7'-9'					
	Buddleia davidii Butterfly Bush - Purple	3	5-GALLON	10' H X 8' W	7'-8' O.C.
	Cotoneaster acutifolia Peking Cotoneaster	7	5-GALLON	10' H X 7' W	6'-7' O.C.
	Ribes aureum Golden Currant	6	5-GALLON	7' H X 7' W	6'-7' O.C.
	Shepherdia argentea Russet Buffaloberry	6	5-GALLON	10' H X 8' W	7'-9' O.C.
	Syringa vulgaris Common Purple Lilac	3	5-GALLON	12' H X 10' W	9'-12' O.C.
	DECIDUOUS SHRUBS - MEDIUM 5'-7'				
	Aronia melancarpa Black Chokeberry	31	5-GALLON	4' H X 5' W	4'-5' O.C.
	Caryopteris x clandonensis Blue Mist Spirea	8	5-GALLON	3' H X 5' W	4'-5' O.C.
	Physocarpus opulifolius Mountain Ninebark - Dwarf	10	5-GALLON	6' H X 5' W	4'-5' O.C.
	Rhus trilobata 'Autumn Amber' Autumn Amber Sumac	18	5-GALLON	2' H X 6' W	4'-5' O.C.

SYM.	GENUS & SPECIES COMMON NAME	QTY (PRI)	QTY (PUB)	PLANTING SIZE	ESTIMATED MATURE SIZE	DESIGN SPACING	
DECIDUOUS SHRUBS - SMALL 2'-5'							
	Berberis thunbergii 'Atropurpurea Nana' Crimson Pygmy Barberry	6	5-GALLON	2' H X 3' W	3'-4' O.C.		
	Cornus sericea 'Arctic Fire' Arctic Fire Dogwood	41	5-GALLON	4' H X 4' W	4'-5' O.C.		
	Cotoneaster apiculatus Cranberry Cotoneaster	12	5-GALLON	2' H X 4' W	3'-4' O.C.		
	Perovskia atriplicifolia 'Little Spire' Dwarf Russian Sage	27	5-GALLON	2' H X 3' W	3'-4' O.C.		
	Potentilla fruticosa 'Gold Drop' Gold Drop Potentilla	56	5-GALLON	3' H X 3' W	3'-4' O.C.		
	Rosa woodsii Woods' Rose	27	5-GALLON	3' H X 3' W	3'-4' O.C.		
	Spirea x bumalda 'Limemound' Limemound Spirea	36	5-GALLON	2' H X 3' W	3'-4' O.C.		
	Symphoricarpos albus Snowberry	89	5-GALLON	3' H X 3' W	3'-4' O.C.		
	EVERGREEN SHRUBS						
		Arctostaphylos x coloradoensis panchita Panchito Manzanita	9	5-GALLON	1' H X 5' W	4'-5' O.C.	
		Juniperus horizontalis 'Blue Chip' Blue Chip Juniper	49	5-GALLON	1' H X 6' W	4'-5' O.C.	
		Juniperus x pfitzeriana Sea Green Juniper	2	5-GALLON	8' H X 8' W	7'-8' O.C.	
Mahonia aquifolium Oregon Grape Holly		42	5-GALLON	6' H X 6' W	5'-6' O.C.		
Picea pungens 'R.H. Montgomery' R.H. Montgomery Spruce		1	5-GALLON	6' H X 5' W	5'-6' O.C.		
Pyracantha angustifolia 'Gnozam' Pyracantha, Narrowleaf Firethorn		43	5-GALLON	5' H X 5' W	5'-6' O.C.		
ORNAMENTAL GRASS							
		Calamagrostis acutiflora 'Karl Forester' Feather Reed Grass	89	1-GALLON	4' H X 3' W	3'-4' O.C.	
	Muhlenbergia rigens Deergrass	27	1-GALLON	4' H X 4' W	3'-4' O.C.		
ACCENT PERENNIALS							
	Achillea x Moonshine Moonshine Yarrow	27	1-GALLON	16" H X 18" W	1.5' O.C.		
	Echinacea purpurea Purple Coneflower	27	1-GALLON	18" H X 18" W	1.5' O.C.		
	Geranium x 'Johnson's Blue' Johnson's Blue Cranesbill	27	1-GALLON	8" H X 24" W	2' O.C.		
	Sedum spectabile 'Autumn Joy' Autumn Joy Sedum	25	1-GALLON	18" H X 18" W	1.5' O.C.		
	GROUNDCOVER PERENNIALS						
	Galium odoratum Sweet Woodruff	150	1-GALLON	6" H X 18" W	1.5' O.C.		
	Mahonia repens Creeping Mahonia	150	1-GALLON	6" H X 18" W	1.5' O.C.		
	Ajuga reptans Burgundy Carpet Bugle	150	1-GALLON	6" H X 12" W	1.5' O.C.		

MONTANE GRASS SEED MIX

MONTANE GRASS SEED MIX BY WESTERN NATIVE SEED:
 www.westernnativeseed.com

SPECIES	COMMON NAME	%
Elymus trachycaulus	Slender Wheatgrass	25.0
Bromus marginatus	Mountain Brome	24.5
Pascopyrum smithii	Western Wheatgrass	20.0
Festuca arizonica	Arizona Fescue	12.5
Koeleria macrantha	Junegrass	6.0
Bouteloua gracilis	Blue Grama	5.0
Poa fendleriana	Mutton Grass	4.0
Elymus elymoides	Bottlebrush Squireltail	2.0
Muhlenbergia montana	Mountain Muhly	1.0

SEEDING RATE AT 9 OUNCES PER 1,000 S.F.

TURF SOD MIX

LOCAL BLUEGRASS MIX SOD. CONTRACTOR TO SUBMIT CUTSHEETS FOR APPROVAL.

LANDSCAPE AND IRRIGATION NOTES

- EXISTING SHRUB BEDS ARE MULCHED WITH RED LAVA ROCK CINDERS. ALL NEW SHRUB BEDS SHALL BE MULCHED WITH RED LAVA ROCK CINDERS TO MATCH. ALL EXISTING SHRUB BEDS SHALL BE REFRESHED WITH RED LAVA ROCK CINDERS.
- EXISTING DECOMPOSED GRANITE PATHS SHALL BE REFRESHED WITH DECOMPOSED GRANITE TO MATCH. NEW DECOMPOSED GRANITE PATHS SHALL MATCH EXISTING.
- NEW CONCRETE FLATWORK SHALL BE STANDARD GRAY.
- NEW CONCRETE PAVER PATIOS SHALL MATCH THE EXISTING CONCRETE PAVERS ON SITE AND SHALL BE A MIX OF EARTH TONES.
- IT IS ANTICIPATED THAT THE EXISTING IRRIGATION SYSTEM SHALL BE UPDATED TO PROVIDE ADEQUATE WATER TO THE ADDITIONAL PLAN MATERIAL. AN ANALYSIS OF THE EXISTING IRRIGATION SYSTEM IS TO BE PERFORMED.
- LANDSCAPE BEDS SHALL BE DRIP IRRIGATED. SOD SHALL BE SPRAY IRRIGATED. SEEDED AREAS ARE TO BE IRRIGATED BY HAND FOR ESTABLISHMENT, ONCE ESTABLISHED WILL RECEIVE NO IRRIGATION.
- NATIVE TREE PLANT SIZES MAY BE PLANTED AS #15 GALLON CONTAINERS. NATIVE TREES ARE CONSIDERED TO BE ASPEN, PINON PINE AND PONDEROSA.

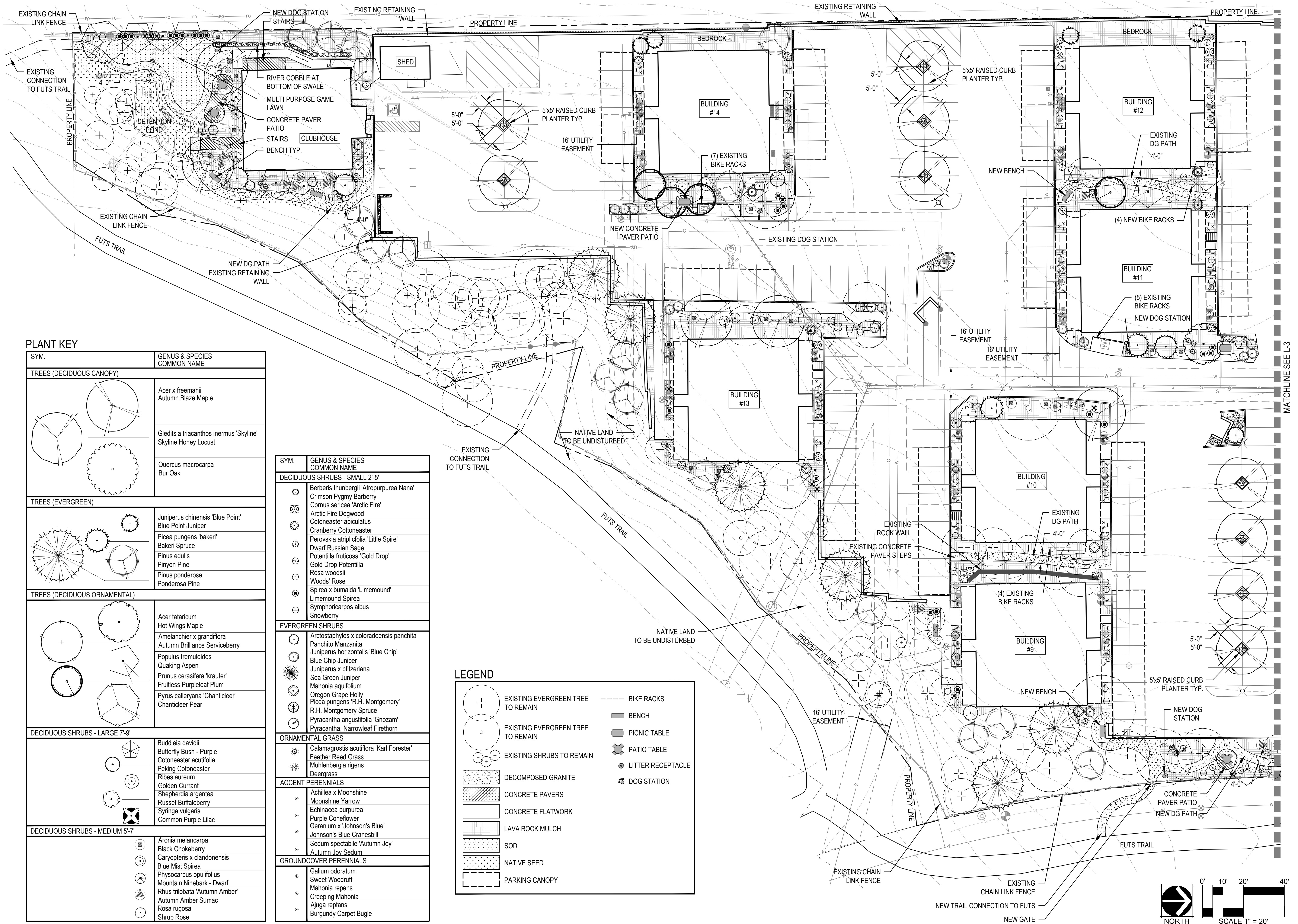
COMMONS AT SAWMILL
 901 S. O'LEARY ST
 FLAGSTAFF, AZ 86001

OWNER:
 NB PRIVATE CAPITAL
 130 VANTIS DRIVE, SUITE 160
 ALISO VIEJO, CA 92656
 949.243.5315

NOT FOR CONSTRUCTION

DATE:
 SITE PLAN 01/22/19

SHEET TITLE:
 LANDSCAPE NOTES & PLANT SCHEDULE



PLANT KEY

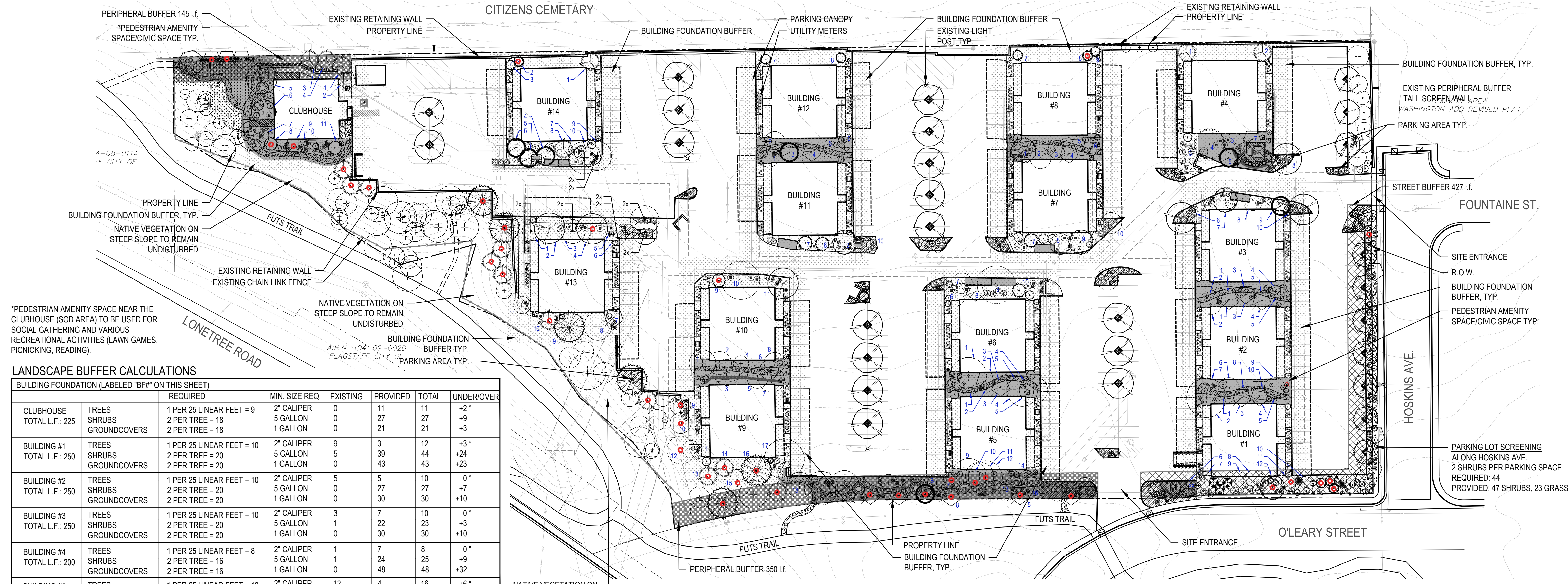
SYM.	GENUS & SPECIES COMMON NAME
TREES (DECIDUOUS CANOPY)	
	Acer x freemanii Autumn Blaze Maple
	Gleditsia triacanthos inermis 'Skyline' Skyline Honey Locust
	Quercus macrocarpa Bur Oak
TREES (EVERGREEN)	
	Juniperus chinensis 'Blue Point' Blue Point Juniper
	Picea pungens 'bakeri' Bakeri Spruce
	Pinus edulis Pinyon Pine
	Pinus ponderosa Ponderosa Pine
TREES (DECIDUOUS ORNAMENTAL)	
	Acer tataricum Hot Wings Maple
	Amelanchier x grandiflora Autumn Brilliance Serviceberry
	Populus tremuloides Quaking Aspen
	Prunus cerasifera 'krauter' Fruitless Purpleleaf Plum
	Pyrus calleryana 'Chanticleer' Chanticleer Pear
DECIDUOUS SHRUBS - LARGE 7'-9'	
	Buddleia davidii Butterfly Bush - Purple
	Cotoneaster acutifolia Peking Cotoneaster
	Ribes aureum Golden Currant
	Shepherdia argentea Russet Buffaloberry
	Syringa vulgaris Common Purple Lilac
DECIDUOUS SHRUBS - MEDIUM 5'-7'	
	Aronia melanocarpa Black Chokeberry
	Caryopteris x clandonensis Blue Mist Spirea
	Physocarpus opulifolius Mountain Ninebark - Dwarf
	Rhus trilobata 'Autumn Amber' Autumn Amber Sumac
	Rosa rugosa Shrub Rose

SYM.	GENUS & SPECIES COMMON NAME
DECIDUOUS SHRUBS - SMALL 2'-5'	
	Berberis thunbergii 'Atropurpurea Nana' Crimson Pygmy Barberry
	Cornus sericea 'Arctic Fire' Arctic Fire Dogwood
	Cotoneaster apiculatus Cranberry Cotoneaster
	Perovskia atriplicifolia 'Little Spire' Dwarf Russian Sage
	Potentilla fruticosa 'Gold Drop' Gold Drop Potentilla
	Rosa woodsii Woods' Rose
	Spirea x bumalda 'Limemound' Limemound Spirea
	Symphoricarpos albus Snowberry
EVERGREEN SHRUBS	
	Arctostaphylos x coloradoensis panchita Panchito Manzanita
	Juniperus horizontalis 'Blue Chip' Blue Chip Juniper
	Juniperus x pfitzeriana Sea Green Juniper
	Mahonia aquifolium Oregon Grape Holly
	Picea pungens 'R.H. Montgomery' R.H. Montgomery Spruce
	Pyracantha angustifolia 'Gnozam' Pyracantha, Narrowleaf Firethorn
ORNAMENTAL GRASS	
	Calamagrostis acutiflora 'Karl Forester' Feather Reed Grass
	Muhlenbergia rigens Deergrass
ACCENT PERENNIALS	
	Achillea x Moonshine Moonshine Yarrow
	Echinacea purpurea Purple Coneflower
	Geranium x 'Johnson's Blue' Johnson's Blue Cranesbill
	Sedum spectabile 'Autumn Joy' Autumn Joy Sedum
GROUND COVER PERENNIALS	
	Galium odoratum Sweet Woodruff
	Mahonia repens Creeping Mahonia
	Ajuga reptans Burgundy Carpet Bugle

LEGEND

	EXISTING EVERGREEN TREE TO REMAIN		BIKE RACKS
	EXISTING EVERGREEN TREE TO REMAIN		BENCH
	EXISTING SHRUBS TO REMAIN		PICNIC TABLE
	DECOMPOSED GRANITE		PATIO TABLE
	CONCRETE PAVERS		LITTER RECEPTACLE
	CONCRETE FLATWORK		DOG STATION
	LAVA ROCK MULCH		
	SOD		
	NATIVE SEED		
	PARKING CANOPY		

CHECKED BY: AH, KW
 DRAWN BY: AH, KW



*PEDESTRIAN AMENITY SPACE NEAR THE CLUBHOUSE (SOD AREA) TO BE USED FOR SOCIAL GATHERING AND VARIOUS RECREATIONAL ACTIVITIES (LAWN GAMES, PICNICKING, READING).

LANDSCAPE BUFFER CALCULATIONS

BUILDING FOUNDATION (LABELED "BF#" ON THIS SHEET)		REQUIRED	MIN. SIZE REQ.	EXISTING	PROVIDED	TOTAL	UNDER/OVER
CLUBHOUSE TOTAL L.F.: 225	TREES	1 PER 25 LINEAR FEET = 9	2" CALIPER	0	11	11	+2*
	SHRUBS	2 PER TREE = 18	5 GALLON	0	27	27	+9
	GROUNDCOVERS	2 PER TREE = 18	1 GALLON	0	21	21	+3
BUILDING #1 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	9	3	12	+3*
	SHRUBS	2 PER TREE = 20	5 GALLON	5	39	44	+24
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	43	43	+23
BUILDING #2 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	5	5	10	0*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	27	27	+7
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	30	30	+10
BUILDING #3 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	3	7	10	0*
	SHRUBS	2 PER TREE = 20	5 GALLON	1	22	23	+3
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	30	30	+10
BUILDING #4 TOTAL L.F.: 200	TREES	1 PER 25 LINEAR FEET = 8	2" CALIPER	1	7	8	0*
	SHRUBS	2 PER TREE = 16	5 GALLON	1	24	25	+9
	GROUNDCOVERS	2 PER TREE = 16	1 GALLON	0	48	48	+32
BUILDING #5 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	12	4	16	+6*
	SHRUBS	2 PER TREE = 20	5 GALLON	2	33	35	+15
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	44	44	+24
BUILDING #6 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	6	4	10	0*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	28	28	+8
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	30	30	+10
BUILDING #7 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	4	6	10	0*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	32	32	+12
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	33	33	+13
BUILDING #8 TOTAL L.F.: 200	TREES	1 PER 25 LINEAR FEET = 8	2" CALIPER	2	7	9	+1*
	SHRUBS	2 PER TREE = 16	5 GALLON	0	23	23	+7
	GROUNDCOVERS	2 PER TREE = 16	1 GALLON	0	30	30	+14
BUILDING #9 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	14	4	18	+8*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	22	22	+2
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	27	27	+7
BUILDING #10 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	9	2	11	+1*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	24	24	+4
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	30	30	+10
BUILDING #11 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	4	6	10	0*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	22	22	+2
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	33	33	+10
BUILDING #12 TOTAL L.F.: 200	TREES	1 PER 25 LINEAR FEET = 8	2" CALIPER	3	5	8	0*
	SHRUBS	2 PER TREE = 16	5 GALLON	0	22	22	+6
	GROUNDCOVERS	2 PER TREE = 16	1 GALLON	0	30	30	+14
BUILDING #13 TOTAL L.F.: 250	TREES	1 PER 25 LINEAR FEET = 10	2" CALIPER	6	5	11	+1*
	SHRUBS	2 PER TREE = 20	5 GALLON	0	27	27	+7
	GROUNDCOVERS	2 PER TREE = 20	1 GALLON	0	27	27	+7
BUILDING #14 TOTAL L.F.: 200	TREES	1 PER 25 LINEAR FEET = 8	2" CALIPER	2	8	10	+2*
	SHRUBS	2 PER TREE = 16	5 GALLON	0	20	20	+4
	GROUNDCOVERS	2 PER TREE = 16	1 GALLON	0	30	30	+14
PARKING AREA							
TOTAL PARKING SPACES 388	TREES	2 PER 8 PARKING SPACES = 97	2" CALIPER	11	34	45	-52*
	SHRUBS	2 PER TREE = 194	5 GALLON	13	125	138	-56
	GROUNDCOVERS	2 PER TREE = 194	1 GALLON	0	117	117	-77
	MIN. INTERIOR LANDSCAPED AREA	30sf PER SPACE = 11,640sf		4,613sf	336sf	4,949sf	
ADDITIONAL TREES COUNTED TOWARDS PARKING LOT DEFICIENCY				8	35	43	+43

LANDSCAPE BUFFER CALCULATIONS

RESIDENTIAL PARCEL 6.71 ACRES		REQUIRED	MIN. SIZE REQ.	EXISTING	PROVIDED	TOTAL	UNDER/OVER
PERIPHERAL BUFFER AND STREET BUFFER (20' WIDTH)							
TOTAL L.F.	TREES	1 PER 25 LINEAR FEET = 37	2" CALIPER	34	23	57	+19
920	SHRUBS	2 PER TREE = 74	5 GALLON	12	105	117	+43
	GROUNDCOVER/ORNAMENTAL GRASS	2 PER TREE = 74	1 GALLON	0	69	69	-5
PARKING LOT SCREENING							
22 STALLS	TREES	N/A	2" CALIPER	6	9	15	+15
	SHRUBS	2 PER STALL = 44	5 GALLON	0	47	47	+3
	GROUNDCOVER/ORNAMENTAL GRASS	N/A	1 GALLON	0	23	23	+23

THIS CHART IS SEPARATE FROM THE PARKING LOT TREE AND SHRUB DEFICIENCY CALCULATIONS

PROPOSED TREE EQUIVALENTS

- 10 FIVE GALLON SHRUBS = 1 TREE
- 20 ONE GALLON GROUNDCOVERS = 1 TREE
- 2 ONE GALLON GROUNDCOVERS = 1 FIVE GALLON SHRUB (PER CODE)
- 1 ONE GALLON GROUNDCOVER = 1 ONE GALLON ORNAMENTAL GRASS

LEGEND

- STREET BUFFER
- PARKING AREA
- PEDESTRIAN AMENITY SPACE/CIVIC SPACE
- BUILDING FOUNDATION
- PERIPHERAL BUFFER
- ADDITIONAL TREES COUNTED TOWARDS PARKING LOT DEFICIENCY (43 TREES)
- BUILDING FOUNDATION TREE COUNT

SITE DEVELOPMENT REQUIREMENTS - RESIDENTIAL PARCEL 292,357 SF / 6.71 ACRES

	REQUIRED	PROVIDED
PEDESTRIAN AMENITY SPACE/CIVIC SPACE	14,618 (5.0% OF TOTAL AREA)	21,475 s.f. (7.3% OF TOTAL AREA)
OPEN SPACE	43,853 (15.0% OF TOTAL AREA)	76,000 s.f. (26.0% OF TOTAL AREA)

HYDROZONE 1: OASIS ZONE ALLOWANCE		
	MAXIMUM ALLOWANCE	PROVIDED
SOD SOUTH OF CLUBHOUSE	14,618 s.f.	940 s.f.

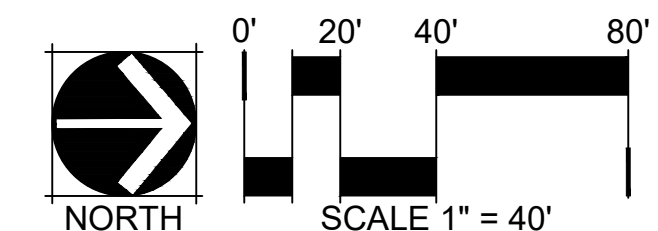
HYDROZONE 2: TRANSITION ZONE ALLOWANCE		
	MAXIMUM ALLOWANCE	PROVIDED
ALL LANDSCAPE BEDS	N/A	41,760 s.f.

HYDROZONE 3: NATIVE ZONE ALLOWANCE		
	MAXIMUM ALLOWANCE	PROVIDED
ALL SEED AREAS AND NATURAL AREAS	N/A	26,320 s.f.

CHECKED BY: AH, KW
 DRAWN BY:

DOUBLE COUNTED SHRUBS/GROUNDCOVERS BETWEEN BUILDINGS: 1,2,3 AND 5,6 AND 7,8 AND 9,10 AND 11,12 (TOTAL DOUBLE COUNTED SHRUBS/2)
 TOTAL OVER/UNDER
 -9 TREES
 +36 SHRUBS
 +124 GROUNDCOVERS

* TREES TO MAKE UP PARKING LOT DEFICIENCY ARE COUNTED INDIVIDUALLY THROUGHOUT THE SITE - SEE PLAN ABOVE



COMMONS AT SAWMILL
 901 S. O'LEARY ST
 FLAGSTAFF, AZ 86001

OWNER:
 NB PRIVATE CAPITAL
 130 VANTIS DRIVE, SUITE 160
 ALISO VIEJO, CA 92656
 949.243.5315

NOT FOR CONSTRUCTION

DATE:
 SITE PLAN 01/22/19
 SITE PLAN 03/12/19

SHEET TITLE:
 LANDSCAPE CALCULATIONS