

**LANDSCAPE CALCULATIONS**

Street Buffer (Lone Tree Rd.)	Reqd.	Prov.
455 LF @ 1 tree per 25 LF	18	-
Credit for Ex. Trees to Remain	-59	-
Net Trees Required	0	0
Shrubs @ 2 per tree	0	0
Groundcovers @ 2 per tree	0	0

Street Buffer (Zuni Drive)	Reqd.	Prov.
1,704 LF @ 1 tree per 25 LF	68	-
Credit for Ex. Trees to Remain	-149	-
Net Trees Required	0	0
Shrubs @ 2 per tree	0	0
Groundcovers @ 2 per tree	0	0

Peripheral Buffer (South Property Line)	Reqd.	Prov.
1,864 LF @ 1 tree per 25 LF	75	-
Credit for Ex. Trees to Remain	-135	-
Net Trees Required	0	-
Shrubs @ 2 per tree	0	0
Groundcovers @ 2 per tree	0	0

Parking Spaces	Reqd.	Prov.
30s.f. times 8 parking spaces	240s.f.	-
2 trees per 8 spaces	2	-
Net Trees Required	2	2
Shrubs @ 2 per tree	4	0
Groundcovers @ 2 per tree	4	0

Building Foundation (Bldg. 1)	Reqd.	Prov.
227 LF @ 1 tree per 25 LF	9	-
Credit for Ex. Trees to Remain	-8	-
Net Trees Required	1	1
Shrubs @ 2 per tree	2	-
Groundcovers @ 2 per tree	2	-

Building Foundation (Bldg. 2)	Reqd.	Prov.
185 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-6	-
Net Trees Required	1	1
Shrubs @ 2 per tree	2	-
Groundcovers @ 2 per tree	2	-

Building Foundation (Bldg. 3)	Reqd.	Prov.
185 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	5
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 4)	Reqd.	Prov.
233 LF @ 1 tree per 25 LF	9	-
Credit for Ex. Trees to Remain	-10	-
Net Trees Required	0	-
Shrubs @ 2 per tree	0	-
Groundcovers @ 2 per tree	0	-

Building Foundation (Bldg. 5)	Reqd.	Prov.
222 LF @ 1 tree per 25 LF	9	-
Credit for Ex. Trees to Remain	-10	-
Net Trees Required	0	-
Shrubs @ 2 per tree	0	-
Groundcovers @ 2 per tree	0	-

Building Foundation (Bldg. 6)	Reqd.	Prov.
180 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-11	-
Net Trees Required	0	-
Shrubs @ 2 per tree	0	-
Groundcovers @ 2 per tree	0	-

Building Foundation (Bldg. 7)	Reqd.	Prov.
180 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	5
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 7)	Reqd.	Prov.
180 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	5
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 8)	Reqd.	Prov.
180 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	0	-
Net Trees Required	7	7
Shrubs @ 2 per tree	14	-
Groundcovers @ 2 per tree	14	-

Building Foundation (Bldg. 9)	Reqd.	Prov.
225 LF @ 1 tree per 25 LF	9	-
Credit for Ex. Trees to Remain	0	-
Net Trees Required	9	9
Shrubs @ 2 per tree	18	-
Groundcovers @ 2 per tree	18	-

Building Foundation (Bldg. 10)	Reqd.	Prov.
270 LF @ 1 tree per 25 LF	11	-
Credit for Ex. Trees to Remain	0	-
Net Trees Required	11	11
Shrubs @ 2 per tree	22	-
Groundcovers @ 2 per tree	22	-

Building Foundation (Bldgs. 11,12,13,14 & 17 each)	Reqd.	Prov.
179 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	0	-
Net Trees Required	7	-
Shrubs @ 2 per tree	14	-
Groundcovers @ 2 per tree	14	-

Building Foundation (Bldgs. 15 & 16 each)	Reqd.	Prov.
179 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	5
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 18)	Reqd.	Prov.
179 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-4	-
Net Trees Required	3	5
Shrubs @ 2 per tree	6	-
Groundcovers @ 2 per tree	6	-

Building Foundation (Bldg. 19)	Reqd.	Prov.
185 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-6	-
Net Trees Required	1	3
Shrubs @ 2 per tree	2	-
Groundcovers @ 2 per tree	2	-

Building Foundation (Bldg. 20)	Reqd.	Prov.
179 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	-
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 20)	Reqd.	Prov.
179 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	-2	-
Net Trees Required	5	-
Shrubs @ 2 per tree	10	-
Groundcovers @ 2 per tree	10	-

Building Foundation (Bldg. 20)	Reqd.	Prov.
185 LF @ 1 tree per 25 LF	7	-
Credit for Ex. Trees to Remain	0	-
Net Trees Required	7	8
Shrubs @ 2 per tree	14	-
Groundcovers @ 2 per tree	14	-

**CITY OF FLAGSTAFF LANDSCAPE NOTES**

- ADJACENT SITE IMPROVEMENTS, PAVEMENT CONSTRUCTION, IRRIGATION INSTALLATION AND FINISH GRADING SHALL BE COMPLETED PRIOR TO INSTALLATION OF PLANT MATERIAL. DO NOT PLANT WHEN CONDITIONS ARE NOT SUITABLE FOR DIGGING, MOVING, BAKING AND/OR GRADING. PLANTING SHALL OCCUR DURING THE MONTHS THAT IRRIGATION SYSTEMS ARE IN OPERATION. THEREFORE, PLANTING MAY OCCUR BETWEEN APRIL 1st AND SEPTEMBER 30th.
- SOIL EXCAVATED FROM THE PLANTING PIT SHALL BE TYPICALLY CONSIDERED ACCEPTABLE AS BACKFILL MATERIAL. BACKFILL MIXTURE TO BE COMPRISED OF 75% NATIVE SOIL, 25% GRANULAR BARK MULCH, AND 2 LBS. DISPERSAL PER CUBIC YARD OF BACKFILL.
- ALL CONTAINERS SHALL BE REMOVED PRIOR TO PLANT INSTALLATION IN A MANNER THAT DOES NOT DISTURB THE POTTED SOIL OR ROOT BALL.
- SET THE ROOT BALL ON SIX-INCHES OF FIRM PLANTING SOIL, PLUMB AND IN THE CENTER OF THE PIT WITH THE ROOT BALL CROWN SLIGHTLY ABOVE THE SAME ELEVATION AS ADJACENT FINISHED LANDSCAPE GRADES. REMOVE ANY WIRE, TWINE, BURLAP, OR OTHER MATERIAL FROM THE UPPER ONE-THIRD OF THE ROOT BALL OF BALLED AND BURLAPPED STOCK. WIRE BASKETS AND SYNTHETIC BURLAP SHALL BE COMPLETELY REMOVED AFTER THE ROOT BALL HAS BEEN PLACED IN ITS FINAL LOCATION.
- ONCE PLANT IS SET, PLACE BACKFILL MATERIAL AROUND BASE AND SIDES OF ROOT BALL AND WORK EACH LAYER TO SETTLE BACKFILL AND ELIMINATE VOIDS. WHEN BACKFILLING IS TWO-THIRDS COMPLETE, WATER THOROUGHLY. PLACE THE REMAINDER OF THE BACKFILL AND REPEAT WATERING UNTIL NO MORE IS ABSORBED. PLACE THE FINAL LAYER OF BACKFILL AND WATER.
- ALL DECIDUOUS TREES SHALL BE WRAPPED FROM THE GROUND LINE UP TO AND INCLUDING THE FIRST PRIMARY CROTCH FORMED BY THE FIRST MAJOR BRANCH. WRAPPING SHALL BE DONE AFTER THE PLANT HAS BEEN INSTALLED.
- TWO TO THREE INCHES OF SPECIFIED MULCH SHALL BE PLACED IN THE AREA DISTURBED BY EXCAVATION OF THE PLANTING WELL.
- PRIOR TO PLANTING ACTIVITIES, COMPLETELY REMOVE EXISTING WEEDS, INCLUDING ROOTS. IMMEDIATELY PRIOR TO INSTALLATION, CULTIVATE GROUND COVER AREAS TO A DEPTH OF SIX-INCHES AND GRADE SMOOTHLY AND UNIFORMLY. PLANT GROUND COVER SO THE ROOT CROWN IS AT OR SLIGHTLY ABOVE THE BED'S FINISH GRADE. AFTER PLANTING OF GROUND COVER AND PRIOR TO MULCHING, APPLY PRE-EMERGENT WEED CONTROL OVER PLANTING BED SOIL SURFACE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN DIRECTIONS. INSTALL THE SPECIFIED MULCH TO A DEPTH OF THREE-INCHES OVER THE ENTIRE GROUND COVER BED.
- PRUNE DEAD OR DAMAGED BRANCHES, MAKING ALL CUTS AT BRANCH COLLAR. MAINTAIN THE NATURAL HABIT, SHAPE AND SPECIFIED SIZE. REMOVE ALL TAGS, LABELS, AND OTHER MATERIAL.

**GENERAL LANDSCAPE NOTES**

- CONTRACTOR TO OBTAIN PERMITS FROM LOCAL AGENCIES AND UTILITIES HAVING JURISDICTION OVER THIS SITE.
- CONTRACTOR TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO ANY INSTALLATION.
- CONTRACTOR TO PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL THE WORK INDICATED ON THE LANDSCAPE DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR CAREFUL SITE INSPECTION, DETAILED REVIEW OF THE PLANS, AND COORDINATION WITH SUB-CONTRACTORS ON-SITE PRIOR TO ANY INSTALLATION. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER'S AGENT.
- PRIOR TO INITIATING THESE LANDSCAPE IMPROVEMENTS, THE LANDSCAPE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING ON SITE WITH THE OWNER'S REPRESENTATIVE, THE GENERAL CONTRACTOR, AND THE PROJECT LANDSCAPE ARCHITECT TO REVIEW AND RESOLVE ANY EXISTING SITE CONDITIONS THAT MAY BE IN CONFLICT WITH THE LANDSCAPE CONSTRUCTION DOCUMENTS AND THAT IMPACT THE INSTALLATION OF ANY OF THE PROPOSED SITE IMPROVEMENTS. THIS FIRST MEETING SHOULD BE SCHEDULED TO OCCUR AT THE COMPLETION OF ON-SITE AND OFF-SITE IMPROVEMENTS INCLUDING: ALL UNDERGROUND UTILITIES, MASS GRADING, AND STREET IMPROVEMENTS.
- DAMAGE TO EXISTING LANDSCAPING, UNDERGROUND UTILITIES, IRRIGATION LINES, ELECTRICAL LINES, ETC. SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- ANY DISCREPANCIES FOUND BETWEEN THE PLANS AND THE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT LANDSCAPE ARCHITECT.
- ALL QUANTITIES PROVIDED ARE FOR BIDDING PURPOSES ONLY; LANDSCAPE CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADES IN THE LANDSCAPE AREAS. CONTRACTOR SHALL VERIFY WITH THE GENERAL CONTRACTOR THE EXTENT OF ROUGH GRADING AND/OR FINE GRADING TO BE ESTABLISHED BY OTHERS.
- ALL GRADING AND DRAINAGE SHALL BE IN ACCORDANCE WITH THE PLANS PREPARED BY THE PROJECT CIVIL ENGINEER. PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING(S) IN ALL CONDITIONS. CONTRACTOR TO MAINTAIN EXISTING GRADES AT PROJECT BOUNDARIES. FINISH GRADE SHALL BE THREE INCHES (3") BELOW THE TOP OF ADJACENT WALKS AND CURBS PRIOR TO RECEIVING MULCH OR DECOMPOSED GRANITE.
- ALL AREAS DISTURBED DURING CONSTRUCTION TO BE FINE GRADED. ADJACENT UNDISTURBED AREAS THAT ARE DAMAGED OR DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL FINE GRADE ENTIRE LANDSCAPE AREA AS REQUIRED FOR INSTALLATION OF PLANT MATERIALS. ALL GRADES SHALL BE NEAT, RAKED SMOOTH AND BE FREE OF DEBRIS PRIOR TO SUBSTANTIAL COMPLETION.
- PRIOR TO SPREADING MATERIAL GROUNDCOVERS (MULCH OR DECOMPOSED GRANITE), ADJUST AND COMPACT FINISH GRADES, APPLY WEED PRE-EMERGENT SURFLAN OR EQUAL PER MANUFACTURER'S SPECIFICATIONS; THEN SPREAD DECOMPOSED GRANITE OR MULCH AS INDICATED ON THE PLANS. DECOMPOSED GRANITE SHALL BE RAKED AND WATERED TO SETTLE FINES WITH A MINIMUM FINAL DEPTH OF TWO INCHES (2"). PROVIDE A SECOND APPLICATION OF THE PRE-EMERGENT AT THE END OF THE MAINTENANCE PERIOD.
- ALL LANDSCAPE AREAS SHALL RECEIVE A TWO INCH (2") TOP DRESSING OF DECOMPOSED GRANITE MULCH AS SPECIFIED ON THE LANDSCAPE PLANS. CONTRACTOR SHALL PROVIDE A SAMPLE TO OWNER'S AGENT FOR APPROVAL PRIOR TO DELIVERY.
- STAKE LOCATIONS OF ALL TREES FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT AND OWNER'S AGENT PRIOR TO INSTALLATION OF ANY PLANT MATERIAL.
- ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED (IN-LEAF) AS IS TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEMS (NOT POT BOUND), A NORMAL HABIT OF GROWTH CONSISTENT WITH INDUSTRY STANDARDS, AND FREE OF BRUISES, CUTS, OR OTHER ABNORMALITIES. PLANT MATERIAL SHALL BE SIZED IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN AND THE ARIZONA NURSERYMAN ASSOCIATION.
- BACKFILL MIXTURES, EXCEPT AS NOTED, TO BE COMPRISED OF 75% NATIVE SOIL, 25% GRANULAR BARK MULCH, AND 2 LBS. DISPERSAL PER CUBIC YARD OF BACKFILL.
- ADD AGRI-FORM FERTILIZER TABLETS AT THE FOLLOWING RATES:  
1 GALLON PLANT - 1 TABLET  
5 GALLON PLANT - 2 TABLETS  
15 GALLON TREE - 4 TABLETS  
BOXED TREE - 6 TABLETS  
TABLETS TO BE PLACED NO DEEPER THAN 6 FEET BELOW THE SOIL SURFACE.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON THE LANDSCAPE PLAN. DO NOT SUBSTITUTE PLANTS BY TYPE OR QUANTITY WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT OR OWNER'S AGENT.
- THE OWNER'S AGENT RESERVES THE RIGHT TO REJECT ANY SELECTION OF PLANT MATERIAL THAT DOES NOT SATISFY THE INTENT OF THE LANDSCAPE DESIGN BASED ON: SIZE, SHAPE, EVIDENCE OF STRESS OR IMPROPER CARE.
- PRIOR TO INITIATING THE AGREED UPON MAINTENANCE PERIOD, COMPLETE ALL PUNCH LIST ITEMS FROM THE SITE INSPECTION AND THEN OBTAIN A WRITTEN APPROVAL FROM THE OWNER'S AGENT ACKNOWLEDGING SUBSTANTIAL COMPLETION. DETERMINE WITH THE OWNER'S AGENT THE START DATE FOR THE MAINTENANCE PERIOD; CONTRACTOR SHALL THEN MAINTAIN THE LANDSCAPE INCLUDING IRRIGATING, WEEDING, PRUNING, MOWING, AND REPLACEMENT OF ANY MATERIAL THAT HAS DIED OR IS SHOWING EVIDENCE OF STRESS. SUBMIT A REQUEST FOR FINAL INSPECTION ONE WEEK PRIOR TO THE END OF THE MAINTENANCE PERIOD.
- CONTRACTOR TO PROVIDE THE OWNER WITH A WRITTEN GUARANTEE OF ONE YEAR FOR ALL TREES AND SIX MONTHS FOR ALL OTHER PLANT MATERIAL DATED FROM THE START OF THE MAINTENANCE PERIOD AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH.
- PROVIDE THE OWNER A SPECIFIC MAINTENANCE MANUAL, OUTLINING THE RECOMMENDED MAINTENANCE REQUIREMENTS FOR THE LANDSCAPE AND IRRIGATION SYSTEM. PROVIDE RECOMMENDED CARE, PRUNING TECHNIQUES AND FREQUENCY FOR ALL PLANTS. INCLUDE A FERTILIZATION SCHEDULE. PROVIDE A SEASONAL IRRIGATION SCHEDULE AND WINTERIZATION METHODS.

**PLANT SCHEDULE**

SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY.	MAT. SIZE	REMARKS
<b>TREES</b>					
	ACER GINNALA 'FLAME' AMUR MAPLE	2" CAL.	28	15x15	STANDARD
	CRATAEGUS LAEVIGATA 'CRIMSON CLOUD' CRIMSON CLOUD HAWTHORN	2" CAL.	12	20x15	STANDARD
	POPULUS TREMULOIDES QUAKING ASPEN	2" CAL.	47	50x15	STANDARD
	QUERCUS GAMBELII GAMBEL OAK	15-GAL.	40	25x15	STANDARD

<b>SHRUBS / GRASSES</b>					
	CALAMAGROSTIS x ACUTIFLORA 'X.F.' FOERSTER'S FEATHER REED GRASS	5 GAL.	97	4x2.5	2 GPH EMITTER
	CORNUS SERICEA 'ARCTIC FIRE' ARCTIC FIRE DOGWOOD	5 GAL.	33	4x4	2 GPH EMITTER
	FESTUCA GLAUCA 'ELIAH BLUE' ELIAH BLUE FESCUE	5 GAL.	764	1x1	2 GPH EMITTER
	MUHLBERGIA REVERCHONII 'UNDAUNTED' SEEP MUHLY	5 GAL.	78	2x2	2 GPH EMITTER
	PEROVSKIA ATRIPLOCLIJA RUSSIAN SAGE	5 GAL.	104	4x4	2 GPH EMITTER
	PHYSCARPUS OPUFOLIUS 'DART'S GOLD' DART'S GOLD NINEBARK	5 GAL.	44	4x4	2 GPH EMITTER
	POTENTILLA FRUTICOSA 'GOLDFINGER' GOLDFINGER POTENTILLA	5 GAL.	105	3x3	2 GPH EMITTER

<b>GROUNDCOVER</b>					
	COTONEASTER DAMMERI 'CORAL BEAUTY' CORAL BEAUTY COTONEASTER	3 GAL.	16	1x6	2 GPH EMITTER
	JUNIPERUS HORIZONTALIS 'WILTONII' BLUE RUC JUNIPER	5 GAL.	56	6'x6'	2 GPH EMITTER
	MAHONIA REPENS CREEPING OREGON GRAPE	1 GAL.	706	1x3	2 GPH EMITTER
	PRUNUS BESSYI 'PAPNEE BUTTES' CREEPING SAND CHERRY	5 GAL.	46	1.5x5	2 GPH EMITTER

<b>MATERIALS</b>					
	MAHOGANY (ROCK PROS) DECOMPOSED GRANITE	1/2" SCREENED	-	-	3" DEPTH IN PLANTING AREAS
	NATIVE BARK MULCH DARK BROWN COLOR	STANDARD SIZE	-	-	2" TOP DRESSING HYDROSEED AREAS
	BASALT BOULDERS SALVAGED FROM SITE	VARIOUS SIZES	-	-	INSTALL PER DETAIL

<b>HYDROSEED MIX</b>					
	NATIVE SEED MIX	30,020 S.F./+/-	-	-	HYDROSEED PER CITY OF FLAGSTAFF ENGINEERING DESIGN STANDARDS DIVISION 13-17-002

<b>GRASSES</b>					
	BOULETELUA GRACILIS / BLUE GRAMA				5.0
	FESTUCA ARIZONICA / ARIZONA FESCUE				4.0
	SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM				4.0

<b>FLOWERS / PERENNIALS</b>					
	ACHILLEA LANULOSA / WESTERN YARROW				2.0
	LINUM LEWISII / BLUE FLAX				1.0
	LUPINUS ARGENTUS / SILVER LUPINE				2.0
	PENSTEMON BARBATUS / SCARLET BUGLER				1.5
	RATIBIDA COLUMNARIS / MEXICAN HAT				1.5

- GENERAL SEEDING NOTES**
- REMOVE AND DISPOSE OF ALL ROCKS, DEBRIS, WEEDS, AND ALL OTHER OBJECTIONABLE MATERIAL THAT MAY INTERFERE WITH SEEDING OPERATIONS.
  - SEEDBED PREPARATION TO BE DONE PER SECTION 13-17-002-0004 OF THE CITY OF FLAGSTAFF ENGINEERING DESIGN STANDARDS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE THE PROPER SEEDBED CONDITION. ADD SOIL AMENDMENTS AS NECESSARY.
  - ALL SEEDING OPERATIONS ARE TO FOLLOW THE STANDARDS PER DIVISION 13-17-002 OF THE CITY OF FLAGSTAFF ENGINEERING DESIGN STANDARDS.

**PLANT SCHEDULE (PARKWAY - OFFSITE)**

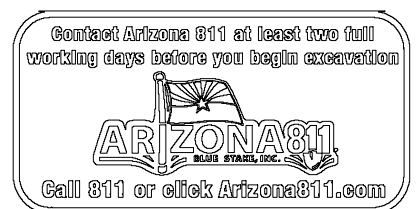
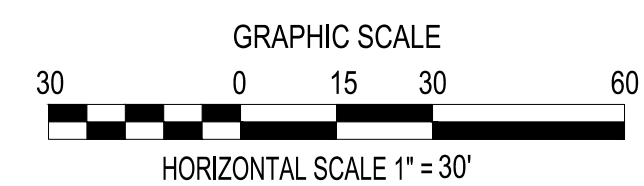
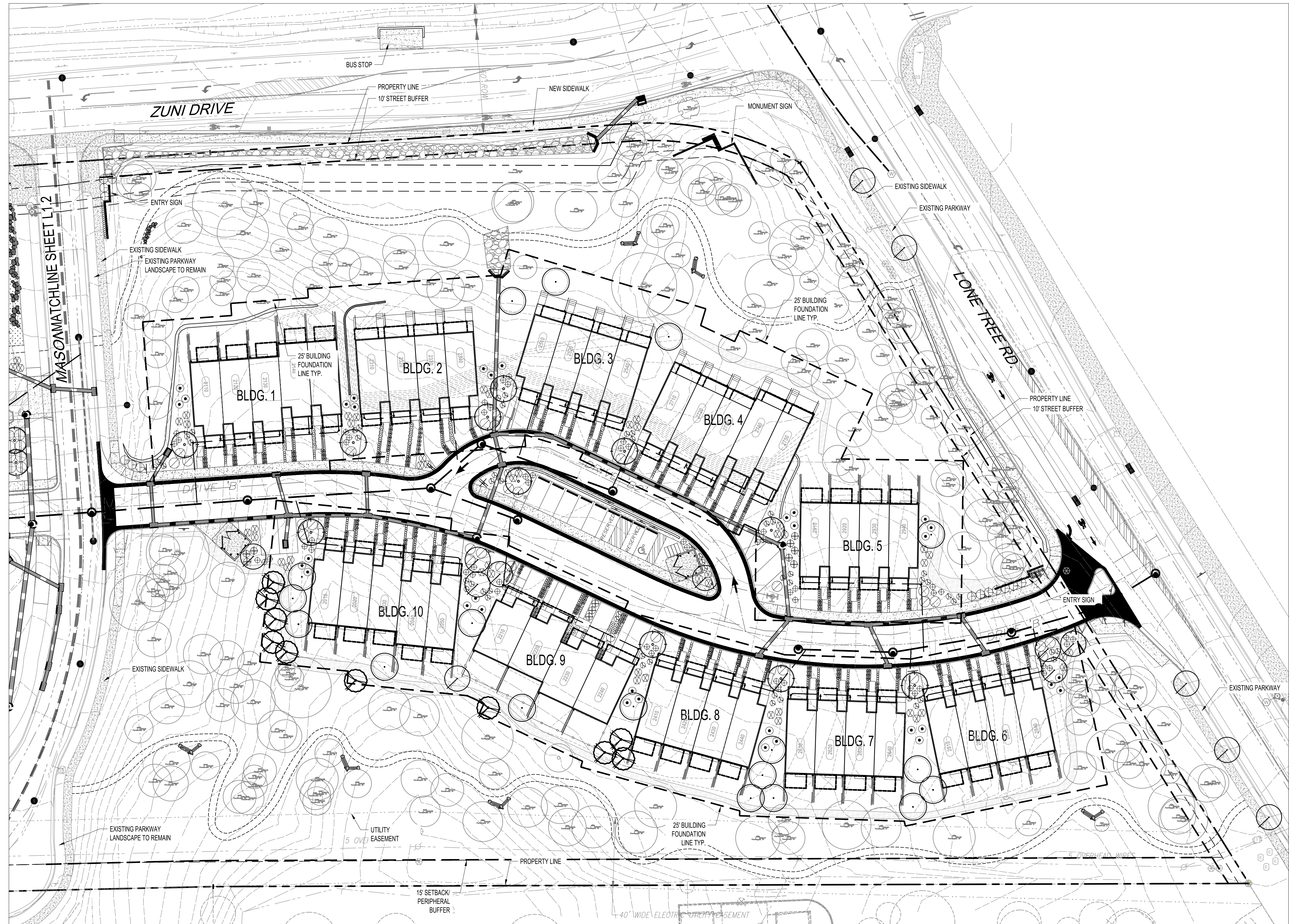
SYMBOL	BOTANICAL/COMMON NAME	SIZE	QTY.	MAT. SIZE	REMARKS
	ACER GINNALA 'FLAME' AMUR MAPLE	2" CAL.	5	15x15	STANDARD
	NATIVE BLACK CINDERS	STANDARD SIZE	-	-	2" DEPTH IN PARKWAY

**IRRIGATION LEGEND:**

SYMBOL	DESCRIPTION	MANUFACTURER/MODEL	COMMENTS
	WATER METER	N/A	WATER METER TO BE INSTALLED PER CIVIL PLANS
	BACKFLOW PREVENTER	FEBCO 825YA	1" BFP TO BE INSTALLED PER CIVIL PLANS. INSTALL IN A SECURABLE BACKFLOW PREVENTER CAGE.
	FLOW SENSOR	IRRITROL FS-400	INSTALL AFTER MASTER VALVE AT P.O.C.
	CONTROLLER	IRRITROL TC-18EXM-R 18-STATION WALL MOUNTED CONTROLLER IN METAL CABINET	INSTALL PER MANUFACTURER'S SPECIFICATIONS PROVIDE KEYS AND OPERATING INSTRUCTIONS TO OWNER
	GATE VALVE	WATTS WCV THD BRASS GATE VALVE	INSTALL IN 10" ROUND VALVE BOX.
	1" QUICK COUPLER	TORO 100-SLSC W/ 100-SLK KEY	INSTALL IN 10" ROUND VALVE BOX. PROVIDE 3 KEYS
	REMOTE CONTROL DRIP VALVE ASSEMBLY	TORO OZK-700, 1" DRIP VALVE ASSEMBLY INCLUDES Y-FILTER AND PRESSURE REGULATOR	INSTALL IN VALVE BOX
	MAIN LINE	SCH 40 PVC, SCH 80 FITTINGS	SIZE PER PIPE S

**PLANT SCHEDULE**

SYMBOL	BOTANICAL/COMMON NAME
<b>TREES</b>	
	ACER GINNALA 'FLAME'
	AMUR MAPLE
	CRATAEGUS LAEVIGATA 'CRIMSON CLOUD'
	CRIMSON CLOUD HAWTHORN
	POPULUS TREMULOIDES
	QUAKING ASPEN
	QUERCUS GAMBELII
	GAMBEL OAK
<b>SHRUBS / GRASSES</b>	
	CALAMAGROSTIS x ACUTIFLORA 'K.F.'
	FOERSTER'S FEATHER REED GRASS
	CORNUS SERICEA 'ARCTIC FIRE'
	ARCTIC FIRE DOGWOOD
	FESTUCA GLAUCA 'ELIJAH BLUE'
	ELVAH BLUE FESCUE
	MUHLENBERGIA REVERCHONII 'UNDAUNTED'
	SEEP MUHLY
	PEROVSKIA ATRIPLICIFOLIA
	RUSSIAN SAGE
	PHYSOCARPUS OPULIFOLIUS 'DART'S GOLD'
	DART'S GOLD NINEBARK
	POTENTILLA FRUTICOSA 'GOLDFINGER'
	GOLDFINGER POTENTILLA
<b>GROUND COVER</b>	
	COTONEASTER DAMMERI 'CORAL BEAUTY'
	CORAL BEAUTY COTONEASTER
	JUNIPERUS HORIZONTALIS 'WILTONII'
	BLUE RUG JUNIPER
	MAHONIA REPENS
	CREEPING OREGON GRAPE
	PRUNUS BESSEYI 'PAWNEE BUTTES'
	CREEPING SAND CHERRY
<b>MATERIALS</b>	
	MAHOGANY (ROCK PROS)
	DECOMPOSED GRANITE
	NATIVE BARK MULCH
	DARK BROWN COLOR
	BASALT BOULDERS
	SALVAGED FROM SITE
<b>HYDROSEED MIX</b>	
	NATIVE SEED MIX



NO.	DATE	ITEM

**The WLB Group, Inc.**

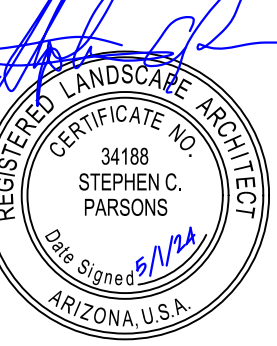
**WLB**

Group, Inc.

Engineering • Planning • Surveying • Urban Design  
 Landscape Architecture • Interior Design  
 Offices located in: Tucson, Phoenix,  
 Flagstaff, and Las Vegas, NV  
 500 N. 17th Ave., Flagstaff, AZ 86001  
 PH (928) 779-1500

**PINEHAVEN**

LANDSCAPE  
SITE PLAN



DESIGNED BY:	SP
DRAWN BY:	SP
CHECK BY:	SP
DATE:	MAY 2024

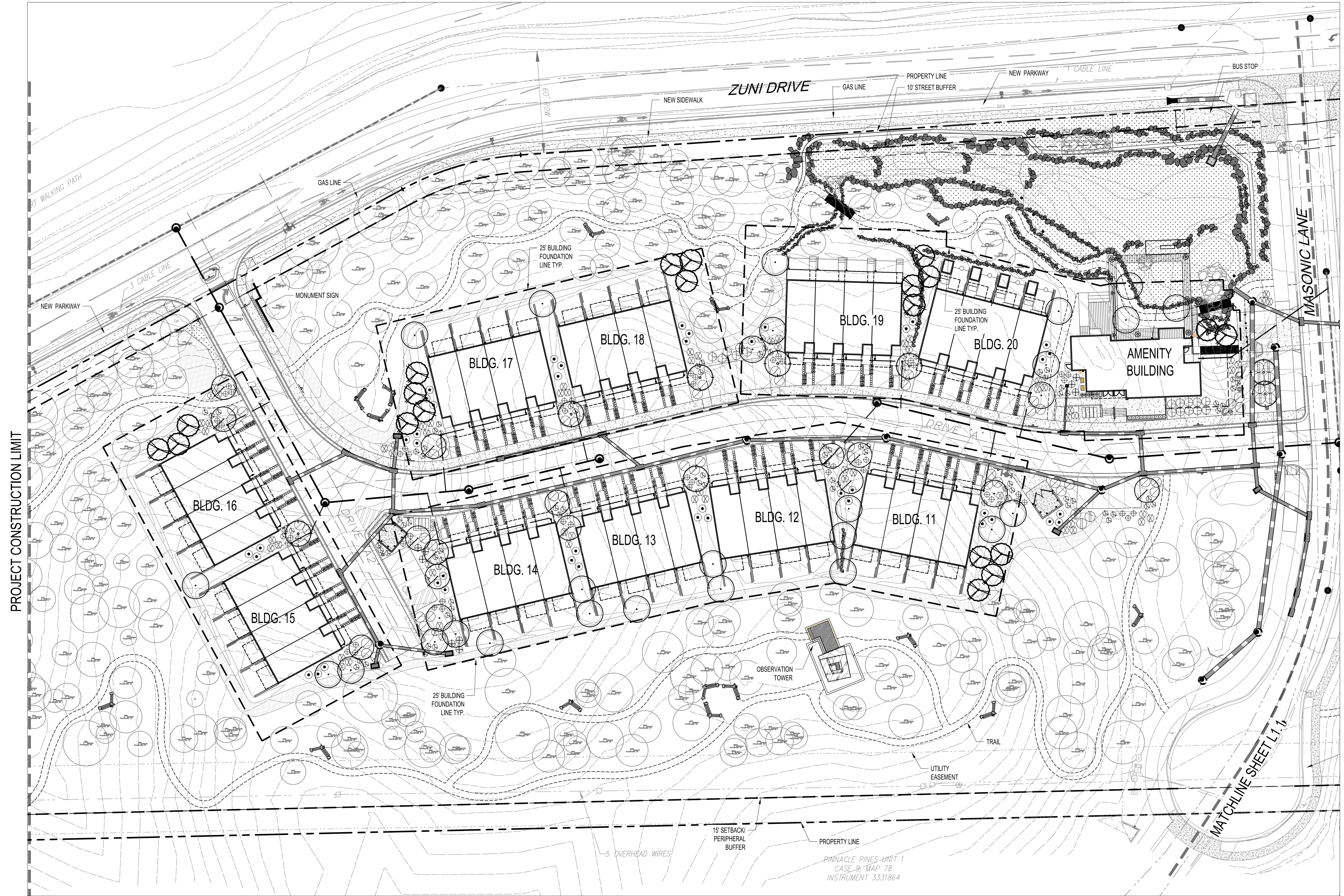
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**PLANT SCHEDULE**

SYMBOL	BOTANICAL / COMMON NAME
<b>TREES</b>	
	ACER GINNALA 'FLAME' AMUR MAPLE
	CRATAEGUS LAEVIGATA 'CRIMSON CLOUD' CRIMSON CLOUD HAWTHORN
	POPULUS TREMULOIDES QUAKING ASPEN
	QUERCUS GAMBELII GAMBEL OAK
<b>SHRUBS / GRASSES</b>	
	CALAMAGROSTIS x ACUTIFLORA 'K.F.' FOERSTER'S FEATHER REED GRASS
	CORNUS SERICEA 'ARCTIC FIRE' ARCTIC FIRE DOGWOOD
	FESTUCA GLAUCA 'ELIJAH BLUE' ELIJAH BLUE FESCUE
	MUHLENBERGIA REVERCHONII 'UNDAUNTED' SEEP MUHLY
	PEROVSKIA ATRIPLICIFOLIA RUSSIAN SAGE
	PHYSOCARPUS OPULIFOLIUS 'DART'S GOLD' DART'S GOLD NINEBARK
	POTENTILLA FRUTICOSA 'GOLDFINGER' GOLDFINGER POTENTILLA
<b>GROUNDCOVER</b>	
	COTONEASTER DAMMERI 'CORAL BEAUTY' CORAL BEAUTY COTONEASTER
	JUNIPERUS HORIZONTALIS 'WILTONII' BLUE RUG JUNIPER
	MAHONIA REPENS CREEPING OREGON GRAPE
	PRUNUS BESSEYI 'PAWNEE BUTTES' CREEPING SAND CHERRY
<b>MATERIALS</b>	
	MAHOGANY (ROCK PROS) DECOMPOSED GRANITE
	NATIVE BARK MULCH DARK BROWN COLOR
	BASALT BOULDERS SALVAGED FROM SITE
<b>HYDROSEED MIX</b>	
	NATIVE SEED MIX



NO.	DATE	ITEM

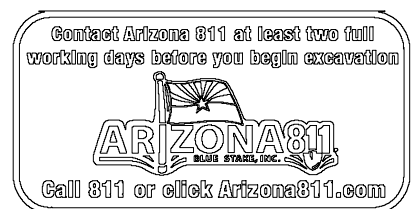
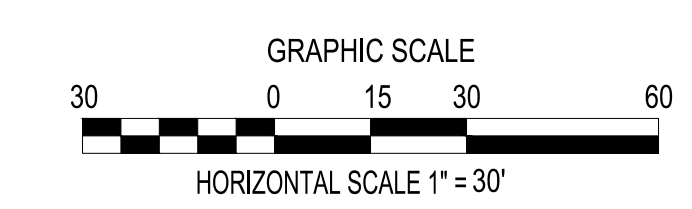
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 Offices located in: Tucson, Phoenix, Flagstaff, and Las Vegas, NV  
 5000 N. Scottsdale Rd., Suite 100, Flagstaff, AZ 86001  
 PH: (928) 779-1500

**PINEHAVEN**  
 LANDSCAPE  
 SITE PLAN



DESIGNED BY:	SP
DRAWN BY:	SP
CHECK BY:	SP
DATE:	MAY 2024

PROJECT NO.	322021A001
SHEET	L1.2

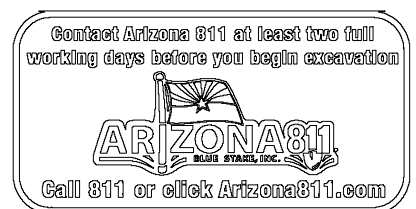
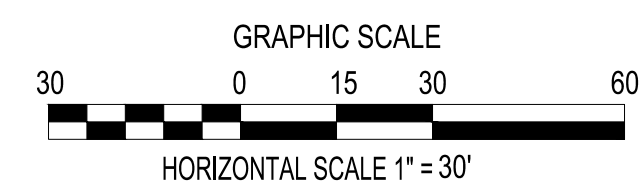
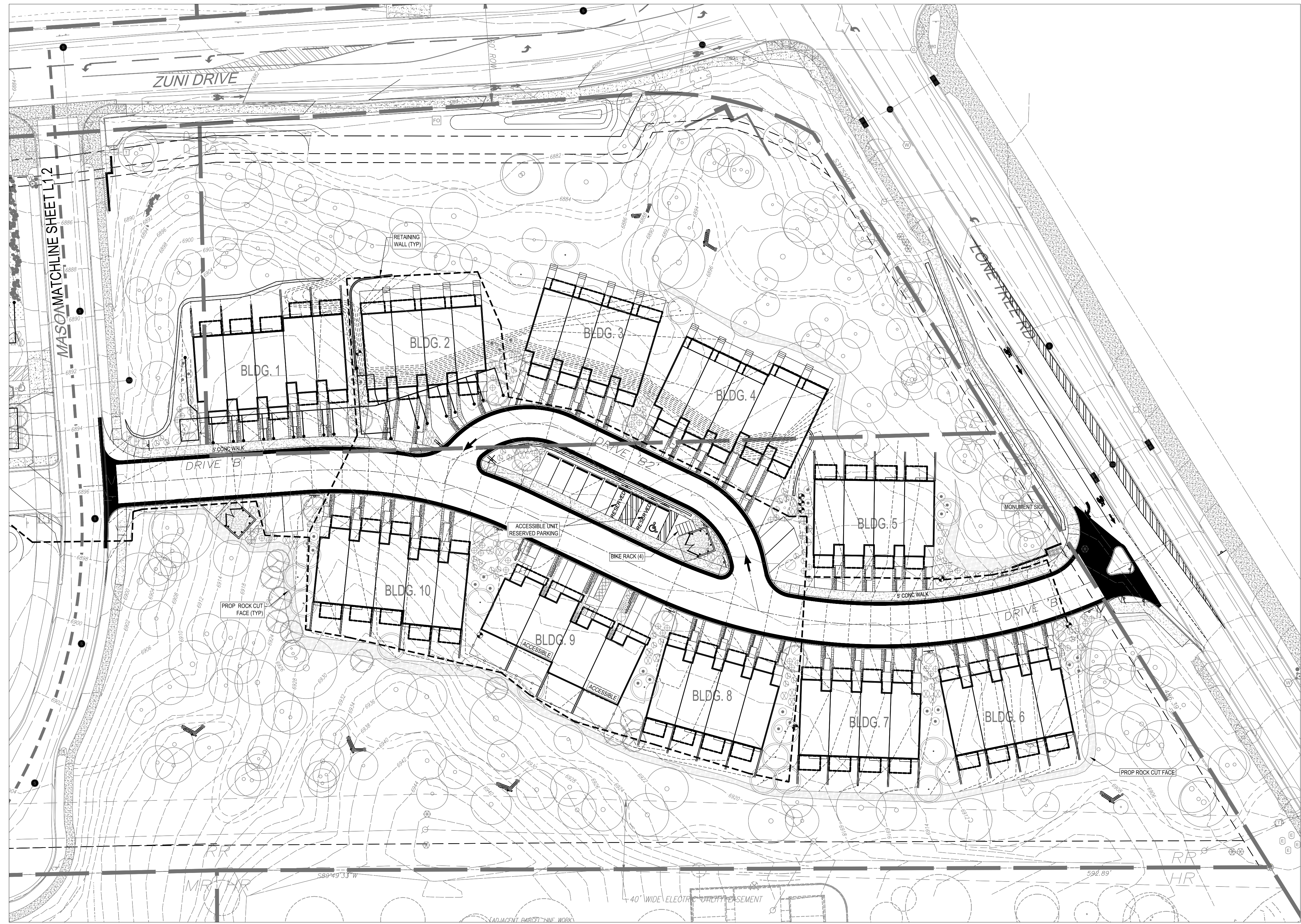


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**IRRIGATION LEGEND:**

SYMBOL	DESCRIPTION
	WATER METER
	BACKFLOW PREVENTER
	FLOW SENSOR
	CONTROLLER
	GATE VALVE
	1" QUICK COUPLER
	REMOTE CONTROL DRIP VALVE ASSEMBLY
	MAIN LINE
	SHRUB/G.C. LATERAL
	TREE LATERAL
	MULTI-OUTLET DRIP EMITTER
	SINGLE-OUTLET DRIP EMITTER
	DISTRIBUTION TUBE
	END FLUSH CAP
	SLEEVE
	ELECTRICAL SLEEVE



NO.	DATE	ITEM	REVISIONS

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**PINEHAVEN**  
 LANDSCAPE  
 IRRIGATION



DESIGNED BY:	SP
DRAWN BY:	SP
CHECK BY:	SP
DATE:	MAY 2024

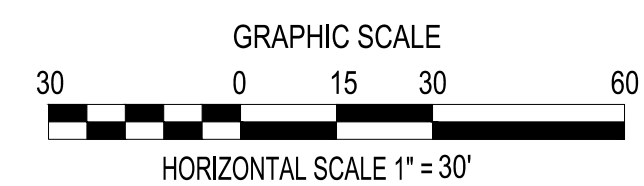
PROJECT NO.	322021A001
SHEET	L2.1

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**IRRIGATION LEGEND:**

SYMBOL	DESCRIPTION
	WATER METER
	BACKFLOW PREVENTER
	FLOW SENSOR
	CONTROLLER
	GATE VALVE
	1" QUICK COUPLER
	REMOTE CONTROL DRIP VALVE ASSEMBLY
	MAIN LINE
	SHRUB/G.C. LATERAL
	TREE LATERAL
	MULTI-OUTLET DRIP EMITTER
	SINGLE-OUTLET DRIP EMITTER
	DISTRIBUTION TUBE
	END FLUSH CAP
	SLEEVE
	ELECTRICAL SLEEVE

PROJECT CONSTRUCTION LIMIT



DESIGNED BY:	SP
DRAWN BY:	SP
CHECK BY:	SP
DATE:	MAY 2024

PROJECT NO.	322021A001
SHEET	L2.2

**PINEHAVEN**  
LANDSCAPE  
IRRIGATION

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NO.	DATE	ITEM	REVISIONS