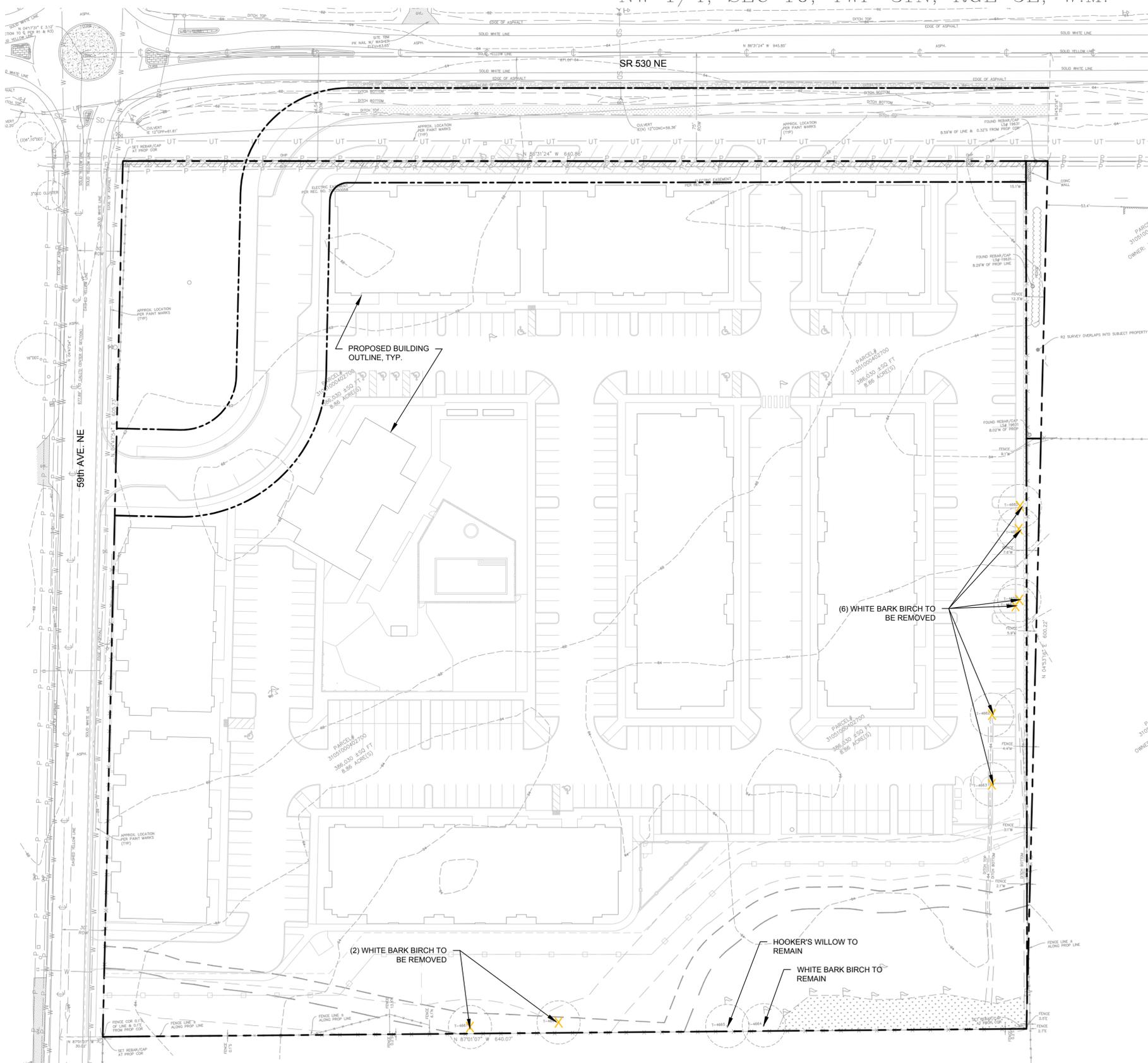


NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.

SR 530 NE



GENERAL TREE PRESERVATION NOTES:

- TREES TO BE PRESERVED SHALL BE DESIGNATED IN ACCORDANCE WITH APPROVED TREE PRESERVATION PLAN ON FILE WITH THE CITY OF ARLINGTON. DESIGNATED TREES WHICH ARE DAMAGED OR DESTROYED SHALL BE REPLACED IN ACCORDANCE WITH CITY REQUIREMENTS, OR AS HEREAFTER AMENDED.
- SEE CIVIL FOR LIMITS OF WORK. ALL SIGNIFICANT TREES SHOWN WITH AN 'X' ARE TO BE REMOVED. REFER TO CIVIL DEMO PLANS FOR OTHER EXISTING FEATURES TO BE REMOVED.

AS PER ARLINGTON TREE CONSERVATION CODE REQUIREMENT (20.76.120)
REMOVED SIGNIFICANT TREES ON SITE SHALL BE REPLACED WITH 5 GALLON NATIVE TREE SPECIES AT A RATIO OF THREE TO ONE.

TOTAL OF SIGNIFICANT TREES TO BE REMOVED: 8
REPLACEMENT TREES REQUIRED (8*3 = 24): 24
REPLACEMENT TREES PROPOSED: 24

*PROPOSED REPLACEMENT TREES TO CONSIST OF THE FOLLOWING NATIVE SPECIES:
-PSEUDOTSUGA MENZIESII 8-10 FT. HT.
-THUJA PLICATA HOGAN 8-10 FT. HT.

TREE RETENTION LEGEND

SYMBOL	TYPE	DESCRIPTION	QTY
	EXISTING SIGNIFICANT TREE TO REMAIN	SIGNIFICANT TREE: EVERGREEN: 12" DIAMETER BREST HEIGHT (DBH) OR GREATER DECIDUOUS: 8" DBH OR GREATER	2
	SIGNIFICANT TREE TO BE REMOVED	EVG: 12" DBH OR GREATER DEC: 8" DBH OR GREATER	8

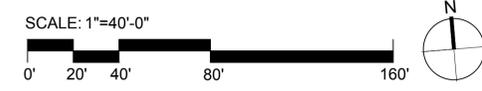
TREE RETENTION DATA

TREE NUMBER	SPECIES	DBH	CONDITION	RETAIN/REMOVE	NOTES
4658	White bark birch	9	Fair	REMOVE	Double leader at 12 feet, slight lean to east
4659	White bark birch	10	Fair	REMOVE	Basally joined multicaem at 6 inches, 6+5+6, two eastern stems lean east
4660	White bark birch	8	Fair	REMOVE	Basally joined stems at 6 inches, 6+6
4661	White bark birch	9	Fair	REMOVE	Basally joined stems at 6 inches, 6+7
4662	White bark birch	9	Fair	REMOVE	Basally joined stems at 6 inches, 6+5+4
4663	White bark birch	9	Fair	REMOVE	Basally joined stems at 6 inches, 5+5+5
4664	White bark birch	9	Fair	RETAIN	Slight lean to east, kink at 15 feet
4665	Hooker's Willow	12	Fair	RETAIN	Multi stem willow, 6+6+4+4+4+3+3
4666	White bark birch	9	Fair	REMOVE	Multi stem at 2 inches, 6+3+3+3+3+4
4667	White bark birch	11	Fair	REMOVE	Basally joined, 8+7, except base on south stem

Soundview Consultants LLC
Environmental Assessment • Planning • Land Use Solutions
2907 Harborview Dr., Suite D, Gig Harbor, WA 98335
Phone: (253) 514-8952 Fax: (253) 514-8954
www.soundviewconsultants.com

SR 530
21117 59TH AVE NE
ARLINGTON, WA 98223
SNOHOMISH COUNTY PARCEL NUMBER:
31051000402700

DATE: 10/18/2024
JOB: 2783.0001
BY: DDS
SCALE: NONE
FIGURE NO. 2 of 2



P:\Quarters Arlington\CAD\0_ARL_LO-TREE.dwg

Jun 06, 2025 - 7:32am

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

DRAWN BY: KC
CHECKED BY: TC
DESIGNED BY: KC
APPROVED BY: PN
DATE: 6/13/2025
JOB No.: 2400346

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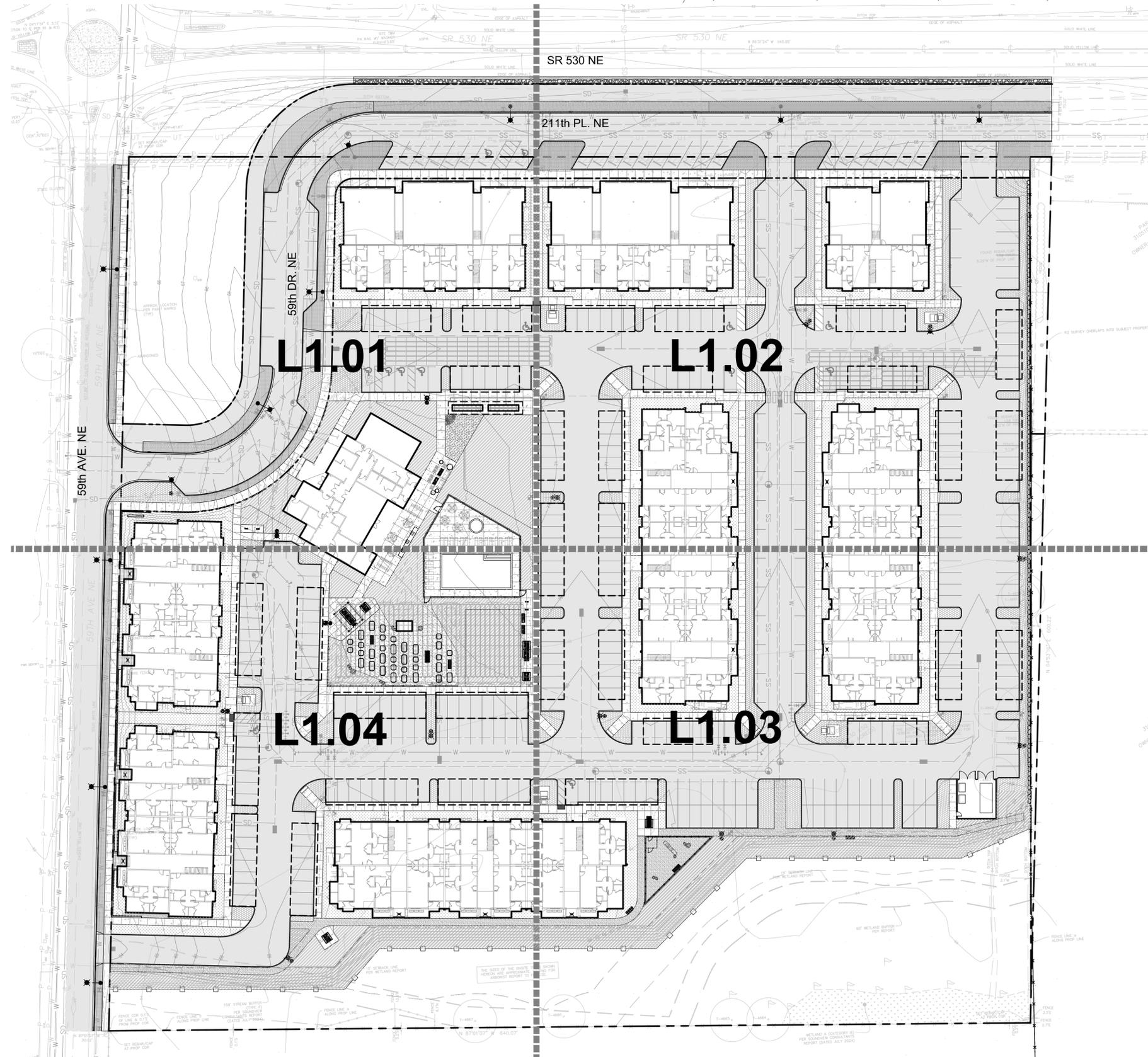


ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

TREE PLAN

SHEET **L0.00**

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.



GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- REFER TO CIVIL DRAWINGS FOR GRADING, UTILITY AND ADDITIONAL LAYOUT INFORMATION.
- REFER TO ARCHITECTURAL FOR BUILDING GRID LAYOUT INFORMATION.
- VERIFY LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES BEFORE BEGINNING WORK.
- NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES FOUND IN PLANS OR DEVIATIONS FROM DOCUMENTED ON-SITE CONDITIONS. FAILURE TO NOTIFY THE ARCHITECT IN A TIMELY MANNER AS SPECIFIED SHALL RESULT IN CONTRACTOR TAKING RESPONSIBILITY FOR ANY AND ALL REMEDIAL MEASURES REQUIRED.
- STRING DIMENSIONS OF SITE IMPROVEMENTS ARE FROM GRIDLINES, FACE OF BUILDING WALL, BACK OF CURB OR COORDINATE POINT AS SHOWN ON PLAN.
- WHERE DIMENSIONS ARE IN FEET ONLY, CONTRACTOR IS TO ASSUME THEY ARE 0" (E.G. 12' = 12'-0").
- MARK OR STAKE LOCATIONS OF FENCING, SITE WALLS, RAMPS, WALKS, SITE FURNITURE, ATHLETIC EQUIPMENT, ETC. FOR APPROVAL BY ARCHITECT, PER SPECIFICATIONS, PRIOR TO INSTALLATION.

SITE IMPROVEMENTS LEGEND

(Symbols shown at 1" = 20'-0")

SYMBOL	ITEM	DESCRIPTION
	ORNAMENTAL METAL FENCE	SEE DETAILS AND SPECIFICATIONS
	CHAIN LINK FENCE	SEE DETAILS AND SPECIFICATIONS
	SPLIT RAIL FENCE	SEE DETAILS AND SPECIFICATIONS
	SCREEN FENCE	SEE DETAILS AND SPECIFICATIONS
	SCORE JOINT CONCRETE PAVING	SEE SITE PLAN FOR LAYOUT AND PATTERN. SEE CIVIL.
	WOODCHIP SURFACING	ENGINEERED WOOD FIBER SURFACING. SEE DETAIL AND SPECIFICATIONS
	GRAVEL PAVING	1/4" MINUS CRUSHED GRAVEL SURFACING WITH STABILIZER. SEE DETAIL AND SPECIFICATIONS.
	PLAY LOG	PEELED CEDAR LOG. SEE SPECIFICATIONS
	LANDSCAPE BOULDERS	MARENAKOS. SEE SPECIFICATION AND DETAIL.
	GARDEN BEDS	MODULAR METAL RAISED GARDEN BEDS, VEGO GARDEN OR EQUAL, SEE SPECIFICATIONS. COLOR AND FINISH TBD
	PLANTER POTS	FREESTANDING ROUND FIBERGLASS PLANTER POTS, PLANTERS UNLIMITED OR EQUAL, SEE SPECIFICATIONS. COLOR AND FINISH TBD
	SITE BENCH	BENCH 472 BY DUMOR, 6' LONG BACKED, SURFACE MOUNT, SEE SPECIFICATIONS. BASE COLOR TBD.
	PICNIC TABLE	6' AND 6' ADA TABLE SET 475 BY DUMOR, SURFACE MOUNT, SEE SPECIFICATIONS. BASE COLOR TBD.
	WORK TABLE	WILLARD TABLE BY TOURNESOL SITWORKS, SURFACE MOUNT, SEE SPECIFICATIONS.
	FIRE PIT	54" STEEL FIRE PIT, ROBATA 54 SERIES BY PALOFORM WITH ELECTRIC START, AUTO SHUT OFF AND WALL TIMER SWITCH, NATURAL GAS
	BIKE RACK	2-BIKE CAPACITY MULTIPLICITY RACK BY LANDSCAPEFORMS, SURFACE MOUNT, SEE SPECIFICATIONS. COLOR TBD.
	SITE FURNISHINGS	FF&E UNLESS OTHERWISE NOTED

LANDSCAPE TYPES

(Symbols shown at 1" = 20'-0")

SYMBOL	ITEM	DESCRIPTION
	PARKING LOT LANDSCAPE	TREES, SHRUBS, GROUNDCOVER AREAS AT PARKING LOTS. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)
	OPEN SPACE LANDSCAPE	TREES, SHRUBS, GROUNDCOVER, AND LAWN AREAS AT OPEN SPACES. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)
	ROW / STREETSCAPE	STREET TREES, GROUNDCOVER, AND LAWN AREAS AT FRONTAGE. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)
	BUILDING FOUNDATION LANDSCAPE	TREES, SHRUBS, GROUNDCOVER, AND LAWN AREAS AT BUILDING FOUNDATIONS. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)

SCALE: 1"=40'-0"



P:\Quartier Arlington\CAD\0_ARL_L1-LAND.dwg

Kojin

Jun 11, 2025 - 3:26pm

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

DRAWN BY KC	DESIGNED BY KC
CHECKED BY TC	APPROVED BY PN
DATE 6/13/2025	
JOB No. : 2400346	

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SCALE: AS NOTED

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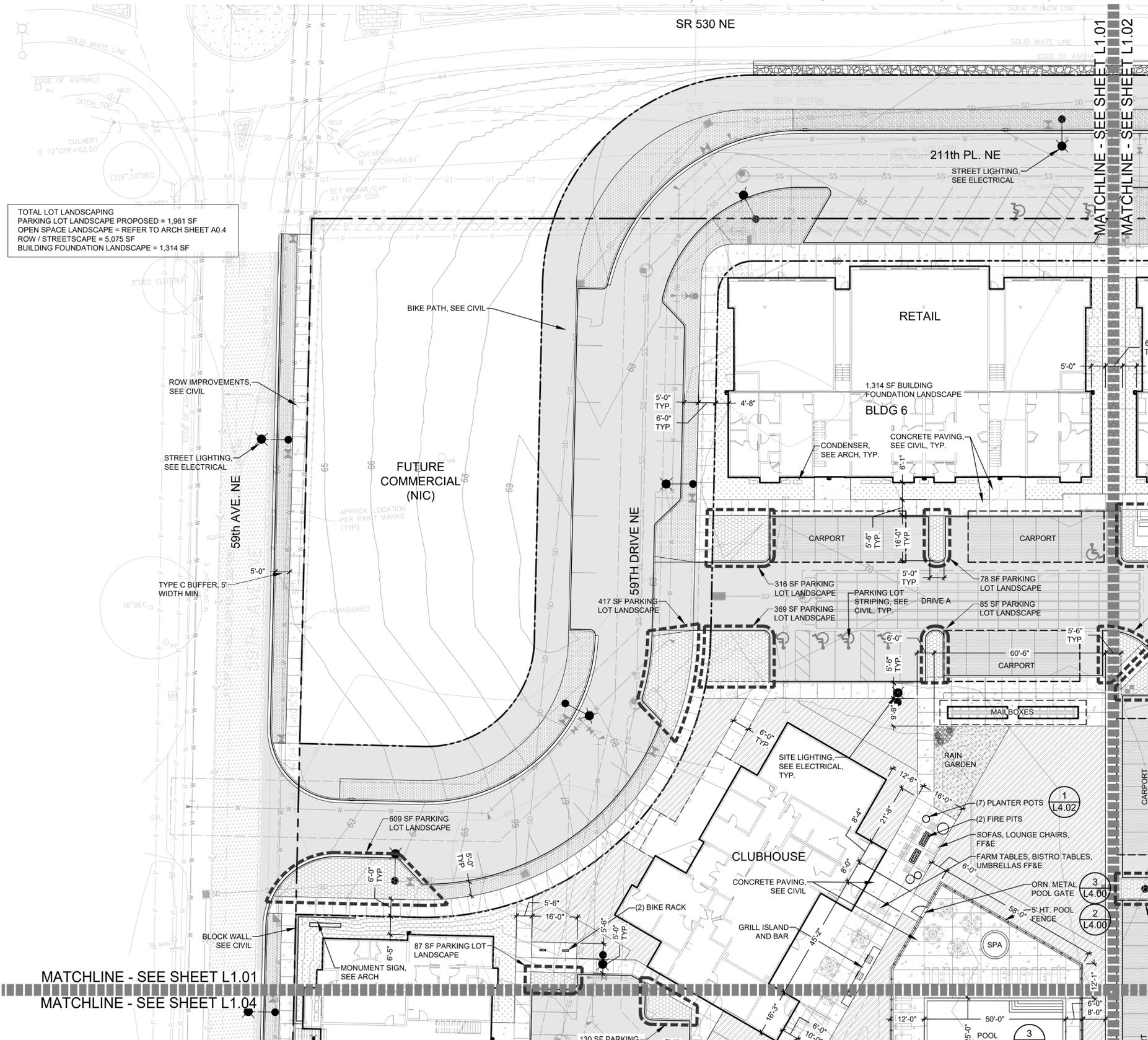
ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

OVERALL LANDSCAPE PLAN

SHEET

L1.00

SR 530 NE



SITE IMPROVEMENTS LEGEND

(Symbols shown at 1" = 20'-0")

SYMBOL	ITEM	DESCRIPTION
	ORNAMENTAL METAL FENCE	SEE DETAILS AND SPECIFICATIONS
	CHAIN LINK FENCE	SEE DETAILS AND SPECIFICATIONS
	SPLIT RAIL FENCE	SEE DETAILS AND SPECIFICATIONS
	SCREEN FENCE	SEE DETAILS AND SPECIFICATIONS
	SCORE JOINT CONCRETE PAVING	SEE SITE PLAN FOR LAYOUT AND PATTERN. SEE CIVIL.
	WOODCHIP SURFACING	ENGINEERED WOOD FIBER SURFACING. SEE DETAIL AND SPECIFICATIONS
	GRAVEL PAVING	1/4" MINUS CRUSHED GRAVEL SURFACING WITH STABILIZER. SEE DETAIL AND SPECIFICATIONS.
	PLAY LOG	PEELED CEDAR LOG. SEE SPECIFICATIONS
	LANDSCAPE BOULDERS	MARENAKOS. SEE SPECIFICATION AND DETAIL.
	GARDEN BEDS	MODULAR METAL RAISED GARDEN BEDS, VEGO GARDEN OR EQUAL, SEE SPECIFICATIONS. COLOR AND FINISH TBD
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	SITE FURNISHINGS	FF&E UNLESS OTHERWISE NOTED

LANDSCAPE TYPES

(Symbols shown at 1" = 20'-0")

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	BUILDING FOUNDATION LANDSCAPE	TREES, SHRUBS, GROUNDCOVER, AND LAWN AREAS AT BUILDING FOUNDATIONS. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)

SCALE: 1"=20'-0"



TOTAL LOT LANDSCAPING
PARKING LOT LANDSCAPE PROPOSED = 1,961 SF
OPEN SPACE LANDSCAPE = REFER TO ARCH SHEET A0.4
ROW / STREETSCAPE = 5,075 SF
BUILDING FOUNDATION LANDSCAPE = 1,314 SF

MATCHLINE - SEE SHEET L1.01
MATCHLINE - SEE SHEET L1.04

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Kojin

Jun 11, 2025 - 3:26pm

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

DRAWN BY KC	DESIGNED BY KC
CHECKED BY TC	APPROVED BY PN
DATE 6/13/2025	
JOB No.: 2400346	

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ARLINGTON, WASHINGTON

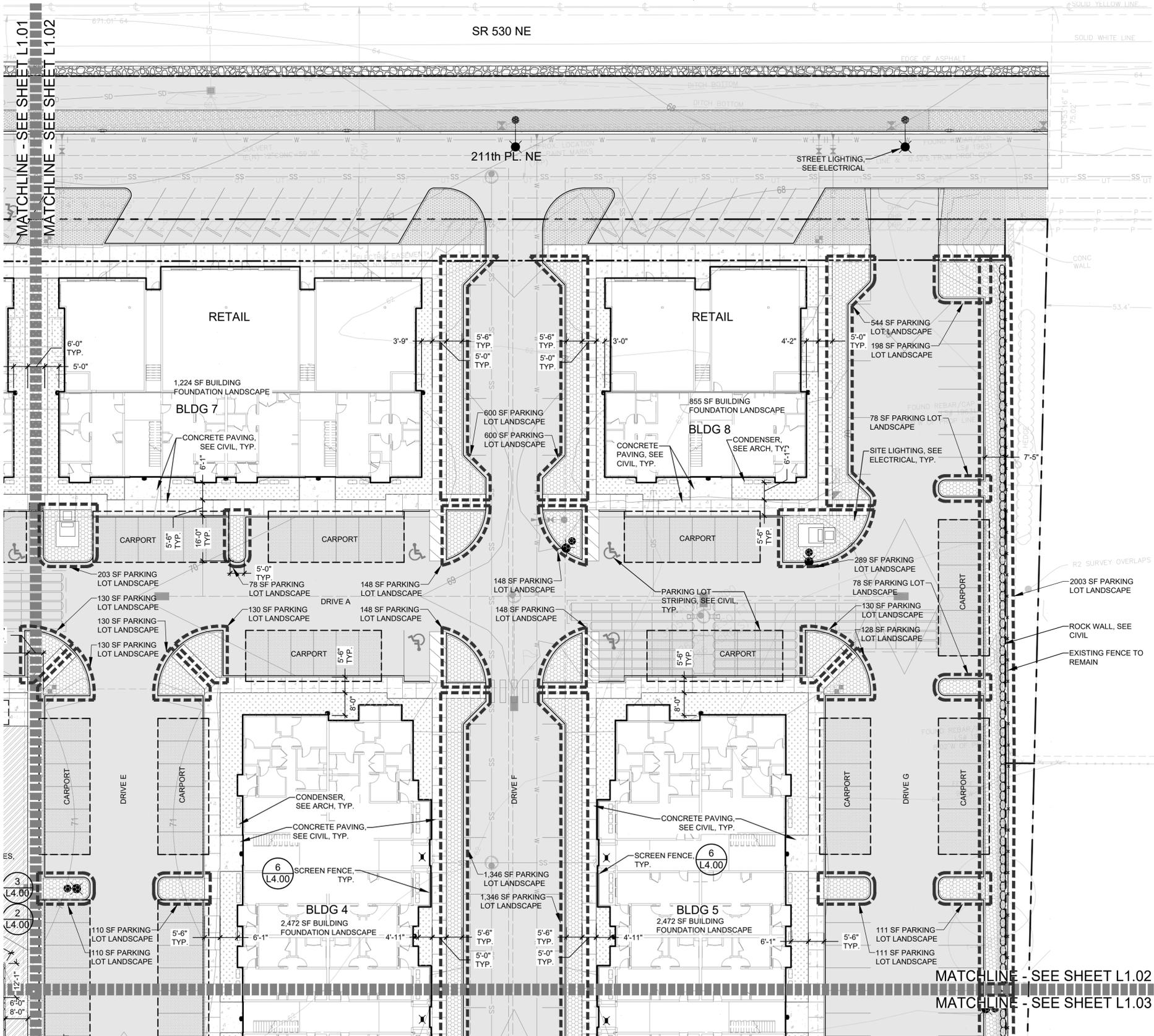
LANDSCAPE PLAN

SHEET

L1.01

SR 530 NE

211th PL. NE



SITE IMPROVEMENTS LEGEND

(Symbols shown at 1" = 20'-0")

SYMBOL	ITEM	DESCRIPTION
	ORNAMENTAL METAL FENCE	SEE DETAILS AND SPECIFICATIONS
	CHAIN LINK FENCE	SEE DETAILS AND SPECIFICATIONS
	SPLIT RAIL FENCE	SEE DETAILS AND SPECIFICATIONS
	SCREEN FENCE	SEE DETAILS AND SPECIFICATIONS
	SCORE JOINT CONCRETE PAVING	SEE SITE PLAN FOR LAYOUT AND PATTERN. SEE CIVIL.
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	LANDSCAPE BOULDERS	MARENAKOS. SEE SPECIFICATION AND DETAIL.
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	SITE FURNISHINGS	FF&E UNLESS OTHERWISE NOTED

LANDSCAPE TYPES

(Symbols shown at 1" = 20'-0")

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TOTAL LOT LANDSCAPING
 PARKING LOT LANDSCAPE PROPOSED = 9,098 SF
 OPEN SPACE LANDSCAPE = REFER TO ARCH SHEET A.04
 ROW / STREETSCAPE = 5,629 SF
 BUILDING FOUNDATION LANDSCAPE = 7,023 SF

SCALE: 1"=20'-0"



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Jun 11, 2025 - 3:26pm

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
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0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

DRAWN BY: KC
 CHECKED BY: TC
 DESIGNED BY: KC
 APPROVED BY: PN
 DATE: 6/13/2025
 JOB No.: 2400346

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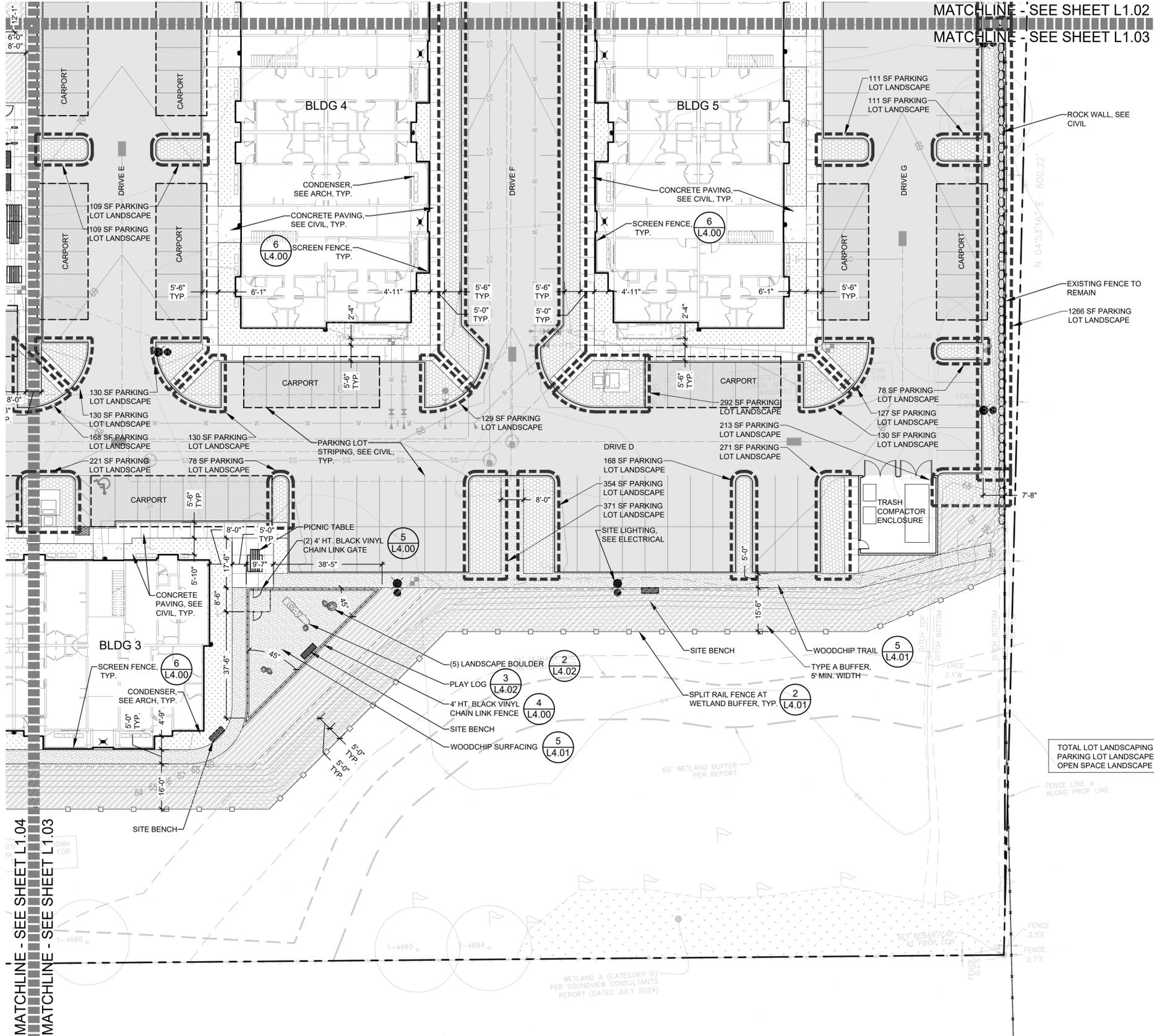
ARLINGTON GARDEN APARTMENTS
 ARLINGTON, WASHINGTON

LANDSCAPE PLAN

SHEET

L1.02

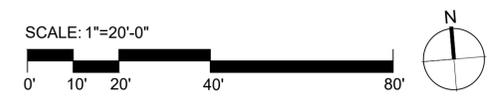
MATCHLINE - SEE SHEET L1.02
 MATCHLINE - SEE SHEET L1.03



SITE IMPROVEMENTS LEGEND		
(Symbols shown at 1" = 20'-0")		
SYMBOL	ITEM	DESCRIPTION
	ORNAMENTAL METAL FENCE	SEE DETAILS AND SPECIFICATIONS
	CHAIN LINK FENCE	SEE DETAILS AND SPECIFICATIONS
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	SCREEN FENCE	SEE DETAILS AND SPECIFICATIONS
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	LANDSCAPE BOULDERS	MARENAKOS. SEE SPECIFICATION AND DETAIL.
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	SITE FURNISHINGS	FF&E UNLESS OTHERWISE NOTED

LANDSCAPE TYPES		
(Symbols shown at 1" = 20'-0")		
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TOTAL LOT LANDSCAPING
 PARKING LOT LANDSCAPE PROPOSED = 4,699 SF
 OPEN SPACE LANDSCAPE = REFER TO ARCH SHEET A0.4



MATCHLINE - SEE SHEET L1.04
 MATCHLINE - SEE SHEET L1.03

P:\Quarters Arlington\CAD\0 ARL_L1-LAND.dwg
 Kajin
 Jun 11, 2025 - 3:26pm

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
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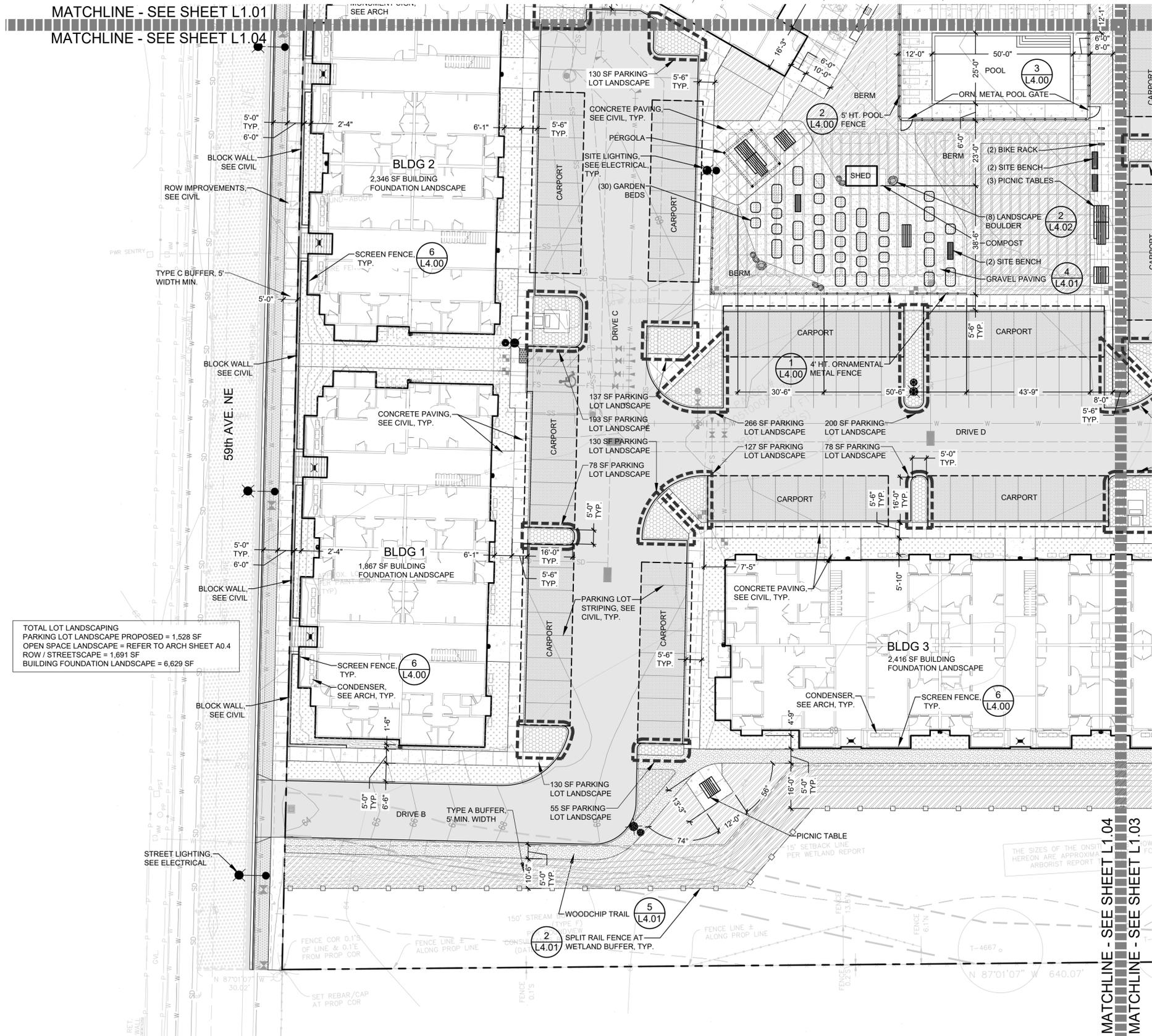
LANDSCAPE PLAN

SHEET
L1.03

MATCHLINE - SEE SHEET L1.01
 MATCHLINE - SEE SHEET L1.04

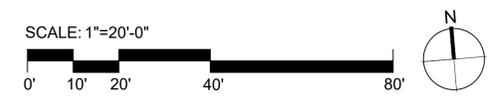
SITE IMPROVEMENTS LEGEND			(Symbols shown at 1" = 20'-0")
SYMBOL	ITEM	DESCRIPTION	
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	CHAIN LINK FENCE	SEE DETAILS AND SPECIFICATIONS	
	SPLIT RAIL FENCE	SEE DETAILS AND SPECIFICATIONS	
	SCREEN FENCE	SEE DETAILS AND SPECIFICATIONS	
	SCORE JOINT CONCRETE PAVING	SEE SITE PLAN FOR LAYOUT AND PATTERN. SEE CIVIL.	
	WOODCHIP SURFACING	ENGINEERED WOOD FIBER SURFACING. SEE DETAIL AND SPECIFICATIONS	
	GRAVEL PAVING	1/4" MINUS CRUSHED GRAVEL SURFACING WITH STABILIZER. SEE DETAIL AND SPECIFICATIONS.	
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	SITE FURNISHINGS	FF&E UNLESS OTHERWISE NOTED	

LANDSCAPE TYPES			(Symbols shown at 1" = 20'-0")
SYMBOL	ITEM	DESCRIPTION	
	PARKING LOT LANDSCAPE	TREES, SHRUBS, GROUNDCOVER AREAS AT PARKING LOTS. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)	
	OPEN SPACE LANDSCAPE	TREES, SHRUBS, GROUNDCOVER, AND LAWN AREAS AT OPEN SPACES. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)	
	ROW / STREETSCAPE	STREET TREES, GROUNDCOVER, AND LAWN AREAS AT FRONTAGE. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)	
	BUILDING FOUNDATION LANDSCAPE	TREES, SHRUBS, GROUNDCOVER, AND LAWN AREAS AT BUILDING FOUNDATIONS. REFER TO PLANTING PLANS FOR FURTHER INFO (L2.00-L2.06)	



TOTAL LOT LANDSCAPING
 PARKING LOT LANDSCAPE PROPOSED = 1,528 SF
 OPEN SPACE LANDSCAPE = REFER TO ARCH SHEET A0.4
 ROW / STREETSCAPE = 1,691 SF
 BUILDING FOUNDATION LANDSCAPE = 6,629 SF

MATCHLINE - SEE SHEET L1.04
 MATCHLINE - SEE SHEET L1.03



Jun 11, 2025 - 3:29pm
 Kojin
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NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

DRAWN BY: KC
 CHECKED BY: TC
 DESIGNED BY: KC
 APPROVED BY: PN
 DATE: 6/13/2025
 JOB No.: 2400346

CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

SCALE: AS NOTED



Fora Landscape Architects
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 Seattle, WA 98115
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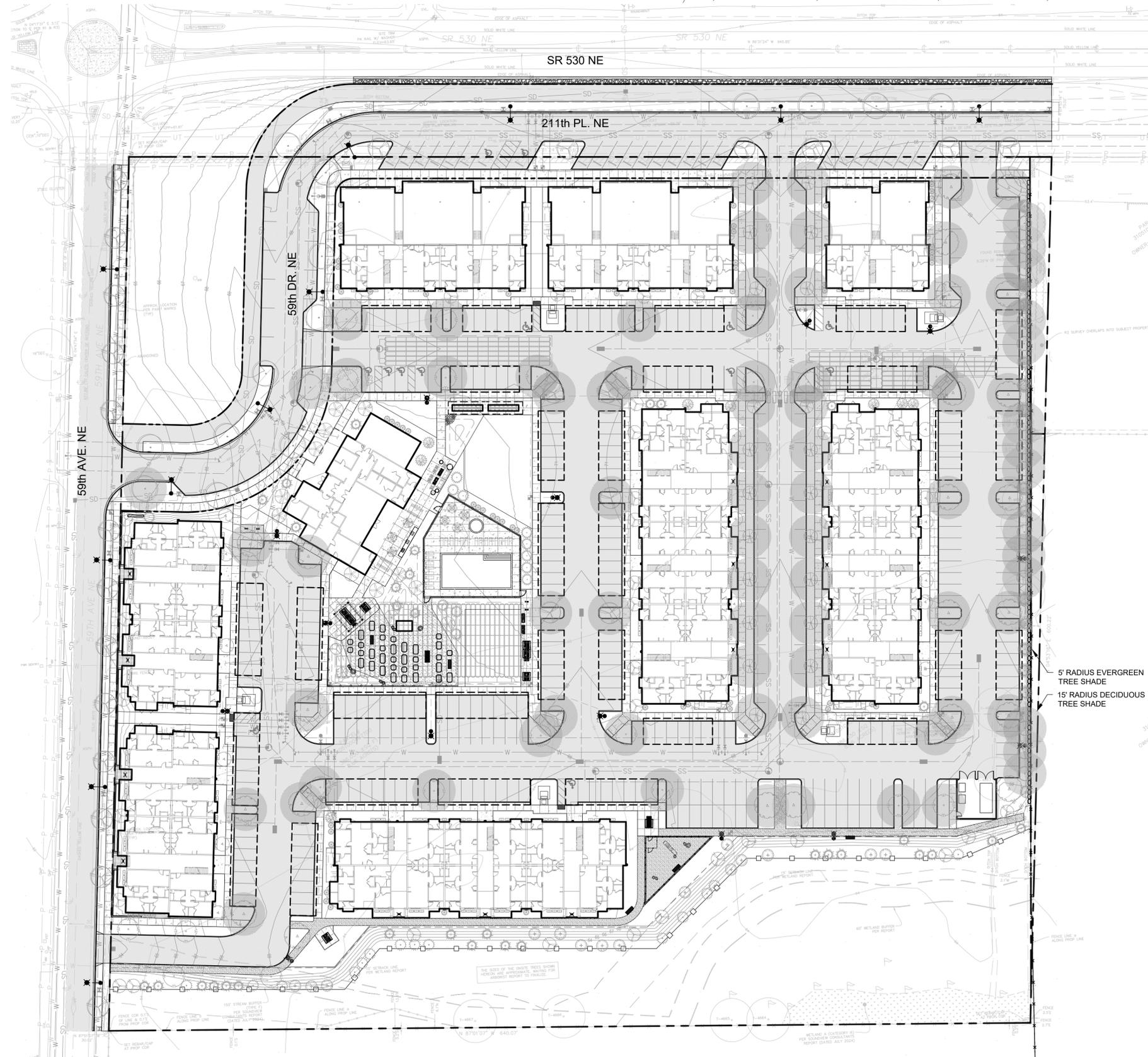


ARLINGTON GARDEN APARTMENTS
 ARLINGTON, WASHINGTON

LANDSCAPE PLAN

SHEET
L1.04

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.



LANDSCAPE REQUIREMENT CALCULATIONS:

PER AMC 20.76.130 VEHICLE ACCOMMODATION AREAS ARE REQUIRED TO SHADED BY TREES. EACH TREE PRESUMED TO SHADE CIRCULAR AREA HAVING RADIUS OF 15 FEET AND THERE MUST BE SUFFICIENT TREES SO THAT 20% OF VEHICLE ACCOMMODATION AREA WILL BE SHADED BY TREES.

PARKING AREA SHADING
 PARKING LOT TREES = 99 PROPOSED (85 DECIDUOUS, 14 EVERGREEN)
 15' RADIUS PER DECIDUOUS TREE = 706.85 SF OF SHADING PER TREE
 5' RADIUS PER EVERGREEN TREE = 78.53 SF OF SHADING PER TREE
 85 X 706.85 = 60,082.25
 14 X 78.53 = 1,099.42
 60,082.25 + 1,099.42 = 61,181.67 SF OF SHADING
 (NOT INCLUDING SHADING OF LANDSCAPE ISLAND AREA)
 61,181.67 - 17,286 = 43,895.67 SF OF SHADING
 VEHICLE ACCOMMODATION AREA = 108,097 SF (REFER TO L2.01-L2.04 FOR EXTENTS)

108,097 X 0.20 = 21,619.4 SF REQUIRED SHADING
 PROPOSED SHADING = 43,895.67 SF

TOTAL LOT LANDSCAPING
 TOTAL LOT AREA = 319,415 SF

PROPOSED LANDSCAPE AREAS:
 PARKING LOT LANDSCAPE = 17,286 SF
 OPEN SPACE LANDSCAPE = 23,543 SF (REFER TO ARCH SHEET A.04)
 ROW / STREETScape = 12,395 SF
 BUILDING FOUNDATION LANDSCAPE = 14,966 SF

TOTAL PROPOSED LANDSCAPE = 68,190 SF

PERCENTAGE OF TOTAL LOT LANDSCAPING: 68190 / 319415 = 0.2134 (21%)

SCALE: 1"=40'-0"



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Kajin

Jun 11, 2025 - 3:26pm

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

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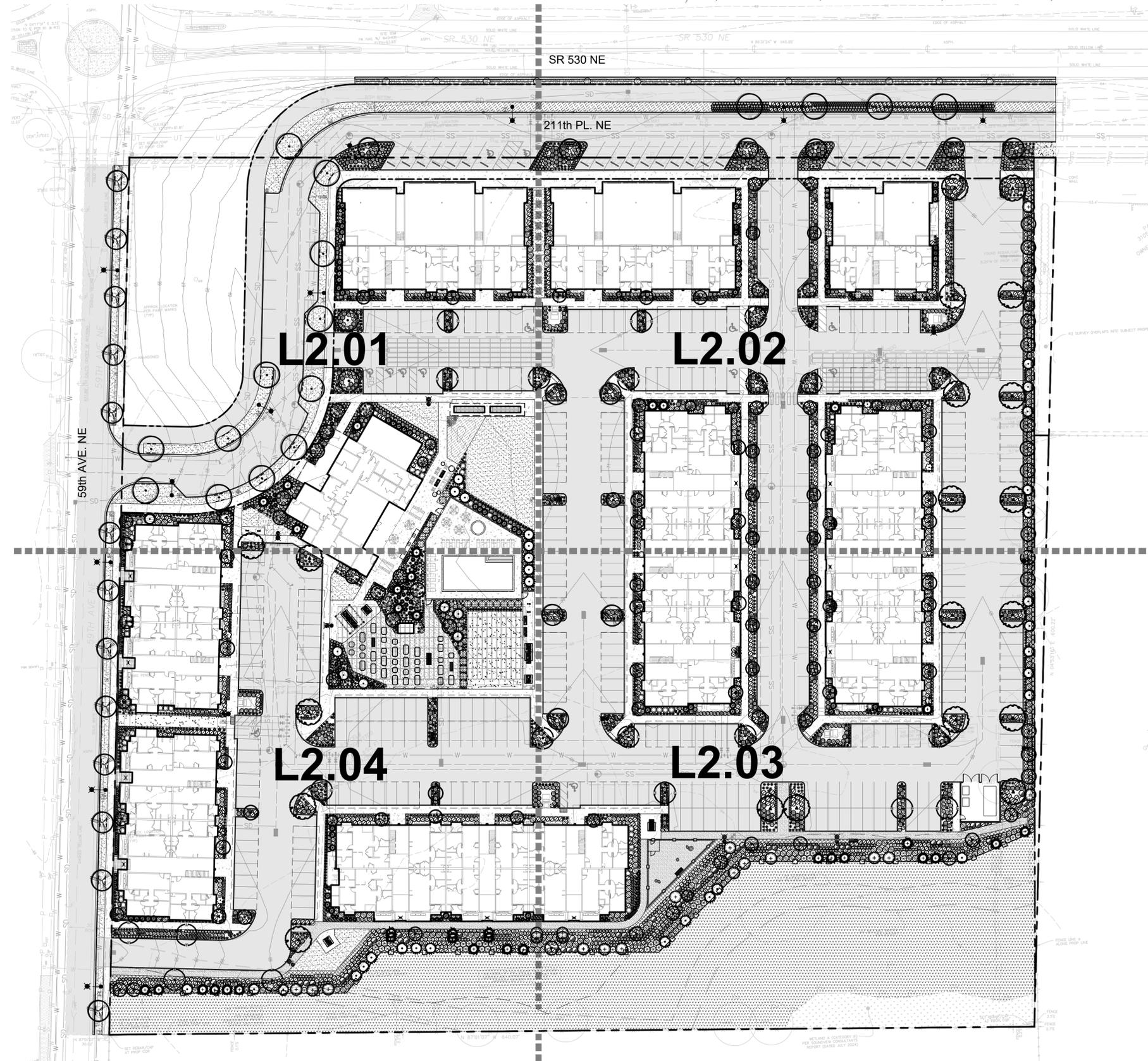
ARLINGTON GARDEN APARTMENTS
 ARLINGTON, WASHINGTON

TREE SHADING PLAN

SHEET

L1.05

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.



PLANTING NOTES

1. SUBMIT COLOR PHOTOS REPRESENTATIVE OF PROPOSED NURSERY STOCK FOR EACH PLANT SPECIES AND VARIETY LISTED IN LANDSCAPE SCHEDULE. FINAL APPROVAL OF PLANT MATERIAL WILL NOT BE PROVIDED UNTIL DELIVERY AND REVIEW ON SITE.
2. CONTAINERIZED TREES ARE STRONGLY DISCOURAGED. TREES WITH LARGE CIRCLING ROOTS OR TOO DEEP ROOT SYSTEMS WILL BE REJECTED.
3. ALL ROOT PACKAGES MUST BE FREE OF ANY WEEDS.
4. TREE STAKING REQUIREMENTS WILL BE DETERMINED BY LANDSCAPE ARCHITECT AT THE TIME OF PLANTING. PROPERLY PROPORTIONED AND PLANTED TREES WITH HEALTHY ROOT PACKAGES MAY NOT REQUIRE STAKING.
5. ALL TREE STAKES MUST BE REMOVED BY THE CONTRACTOR BY THE END OF THE FIRST FULL GROWING SEASON.
6. AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, PRUNING MAY BE REQUIRED TO REMOVE DAMAGED, CROSSING, MISSHAPEN OR LOW BRANCHING LIMBS. TREES SHOULD NOT REQUIRE SIGNIFICANT PRUNING TO CORRECT HEALTH OR AESTHETIC DEFICIENCIES.
7. INSTALL 3" DEPTH SPECIFIED MULCH IN ALL LANDSCAPE AREAS.
8. INSTALL 8" DEPTH SPECIFIED TOPSOIL IN ALL LANDSCAPE AREAS.
9. PROVIDE A 4' DIAMETER MULCH CIRCLE AROUND ALL TREES PLANTED IN LAWN AREAS.
10. REFER TO CIVIL DEMOLITION DRAWINGS AND SPECIFICATIONS FOR REMOVAL REQUIREMENTS AND PROTECTION FENCING AROUND EXISTING VEGETATION.
11. REFER TO TREE PRESERVATION PLANS FOR SCHEDULE OF EXISTING TREES TO BE SAVED OR REMOVED.
12. REFER TO CIVIL PLANS FOR NEW UTILITY WORK. CONTRACTOR RESPONSIBLE FOR PATCH AND REPAIR OF ALL EXISTING LANDSCAPE AREAS DISTURBED BY CONSTRUCTION WORK UNDER THIS CONTRACT.
13. REFER TO PLANTING AND SEEDING SPECIFICATION FOR ADDITIONAL REQUIREMENTS, INCLUDING EXTENDED MAINTENANCE REQUIREMENTS.

SCALE: 1"=40'-0"



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Kojin

Jun 11, 2025 - 4:37pm

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1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

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ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

OVERALL PLANTING PLAN

SHEET

L2.00

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.

SR 530 NE

211th PL. NE

59th AVE. NE

RETAIL

RETAIL

BLDG 6

DRIVE A

CLUBHOUSE

SPA

POOL

CARP

MEDIUM SPREADING STREET TREES, 40' O.C., TYP.

LARGE STREET TREES, 45' O.C., TYP.

APPROX. LOCATION PER PAINT MARKS (TYP)

ABANDONED

SCALE: 1"=20'-0"



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ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

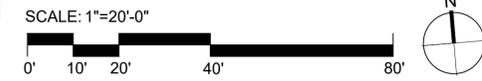
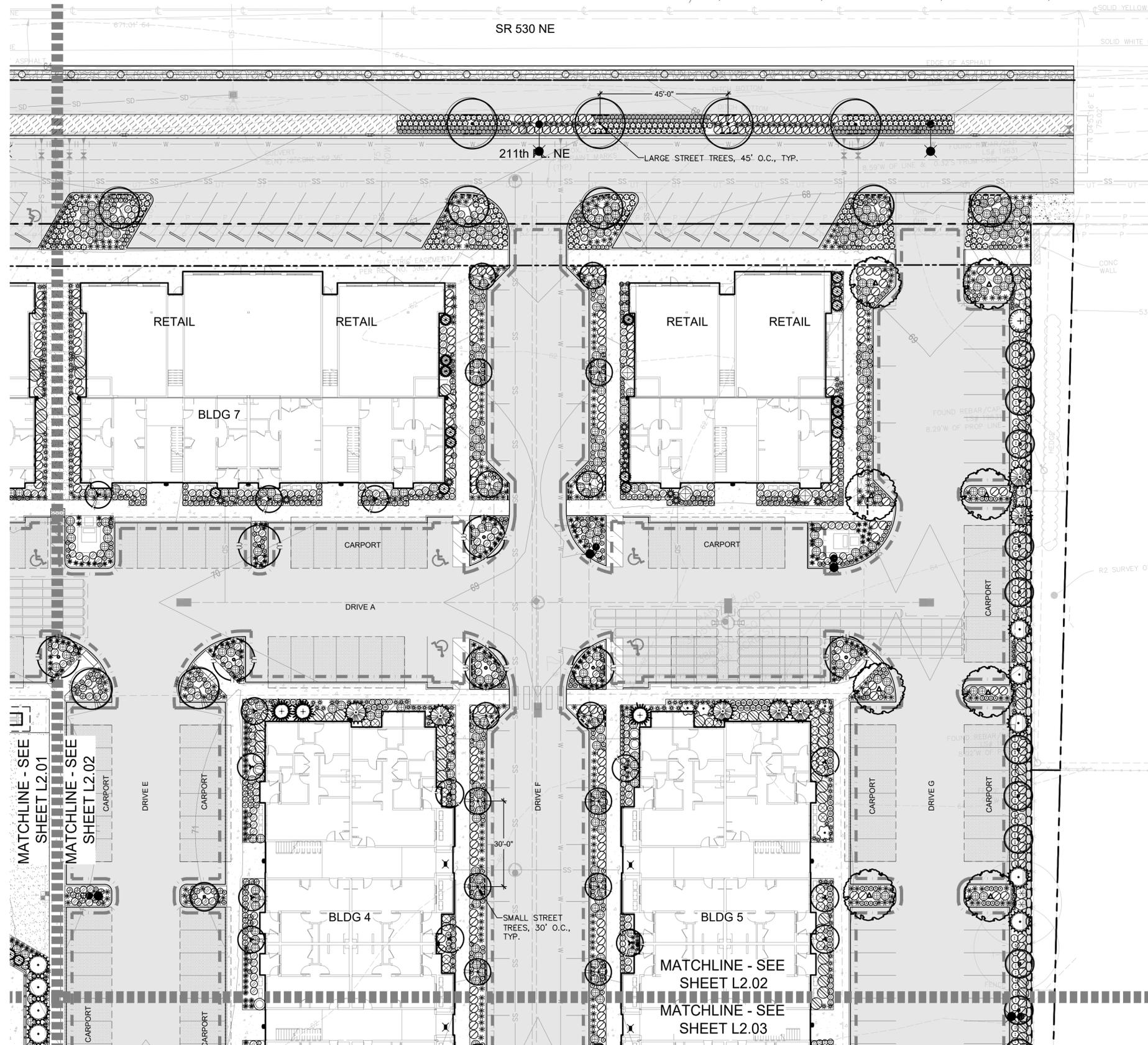
PLANTING PLAN

SHEET

L2.01

NO.	DATE	BY	CHD.	APPR.	REVISION
2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
1	1/31/2025	CEP	MMM	JSF	CUP / BSP CYCLE 1 RESUBMITTAL
0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.



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Jun 11, 2025 - 4:38pm

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2	6/4/2025	CEP	MMM	JSF	CUP / BSP CYCLE 2 RESUBMITTAL
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TC

DESIGNED BY
KC

APPROVED BY
PN

DATE
6/13/2025

JOB No.: 2400346

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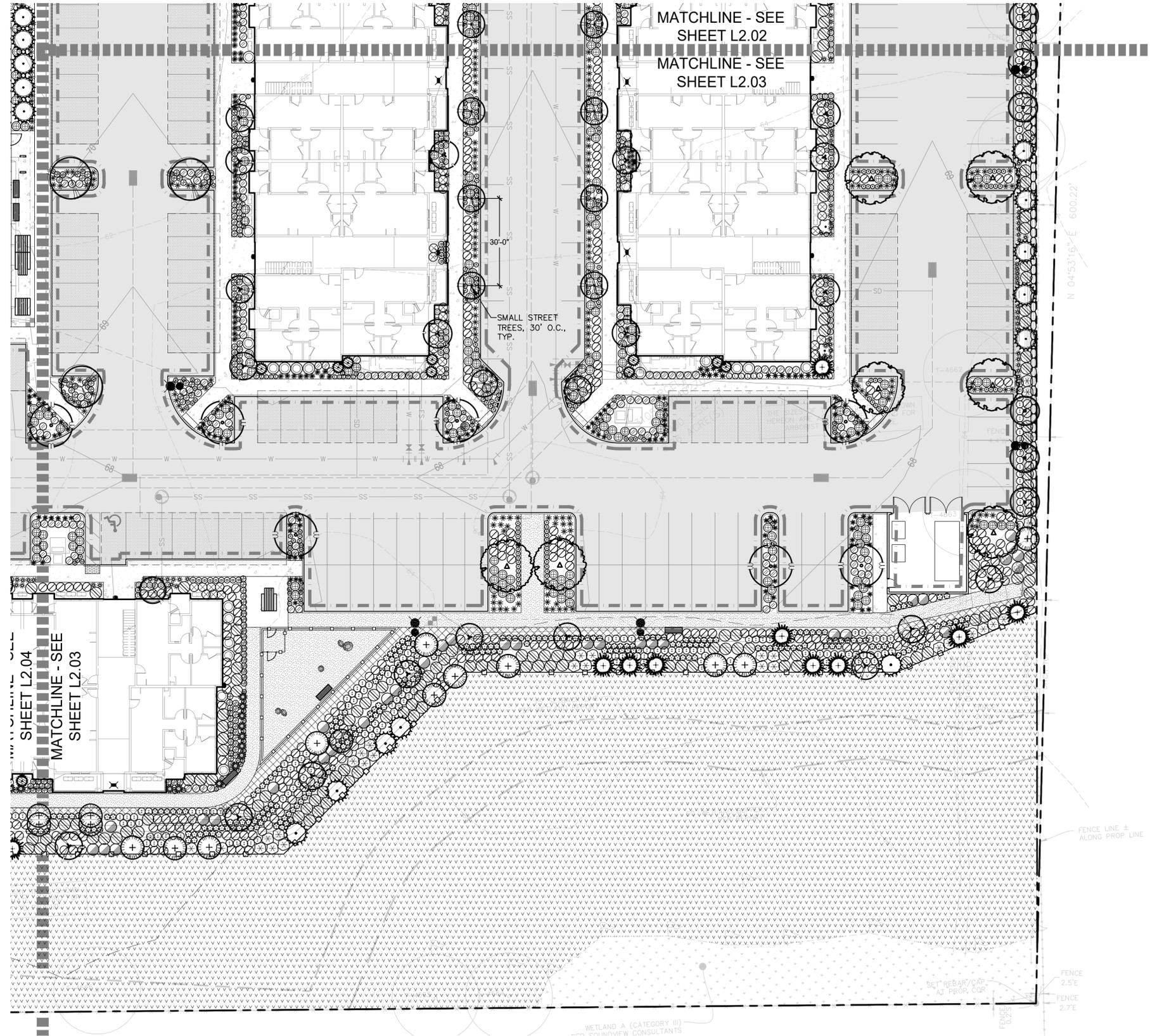
ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

PLANTING PLAN

SHEET

L2.02

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.



SCALE: 1"=20'-0"



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Jun 11, 2025 - 4:37pm

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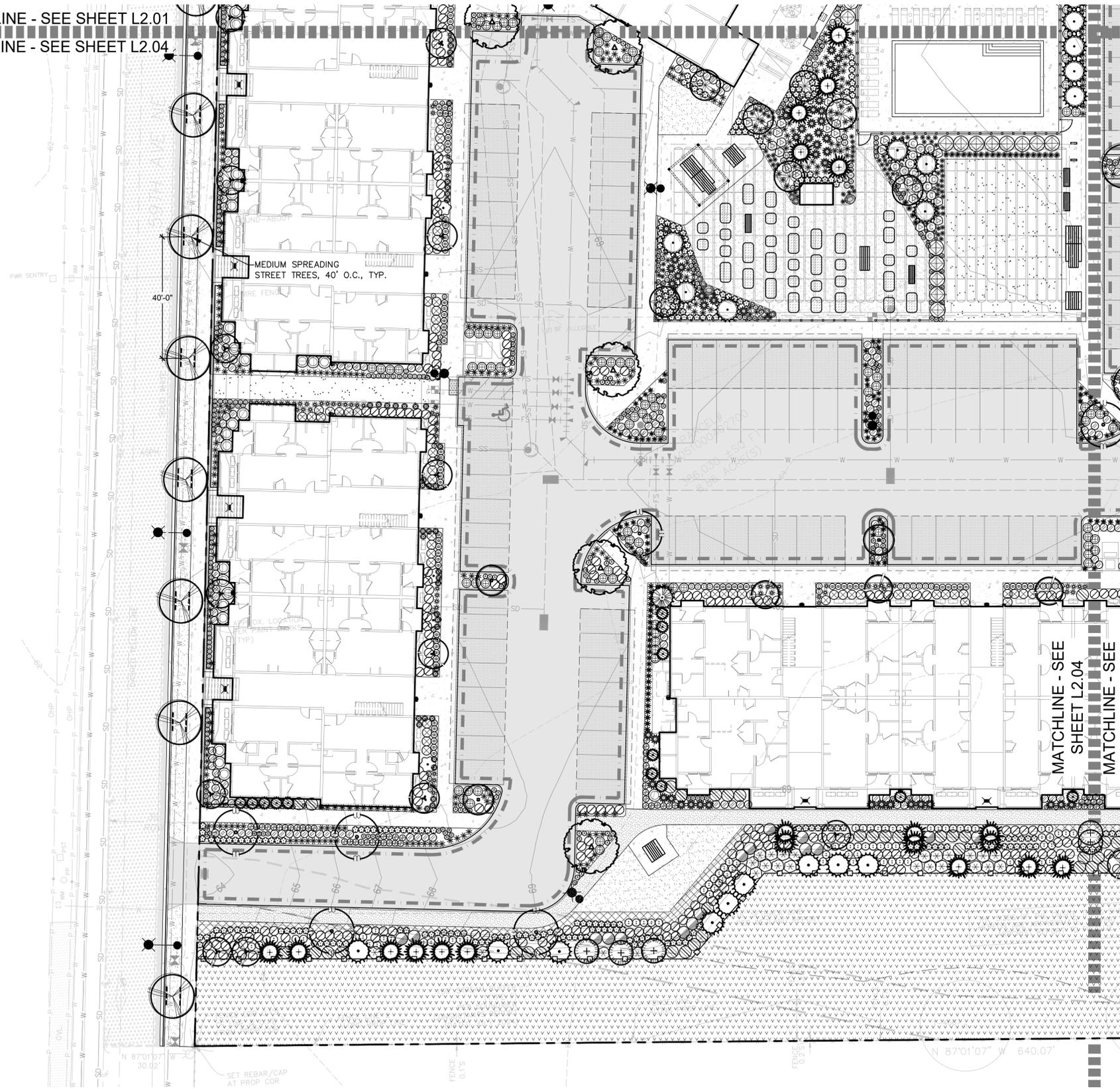
ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

PLANTING PLAN

SHEET

L2.03

MATCHLINE - SEE SHEET L2.01
 MATCHLINE - SEE SHEET L2.04



SCALE: 1"=20'-0"



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Jun 11, 2025 - 4:37pm

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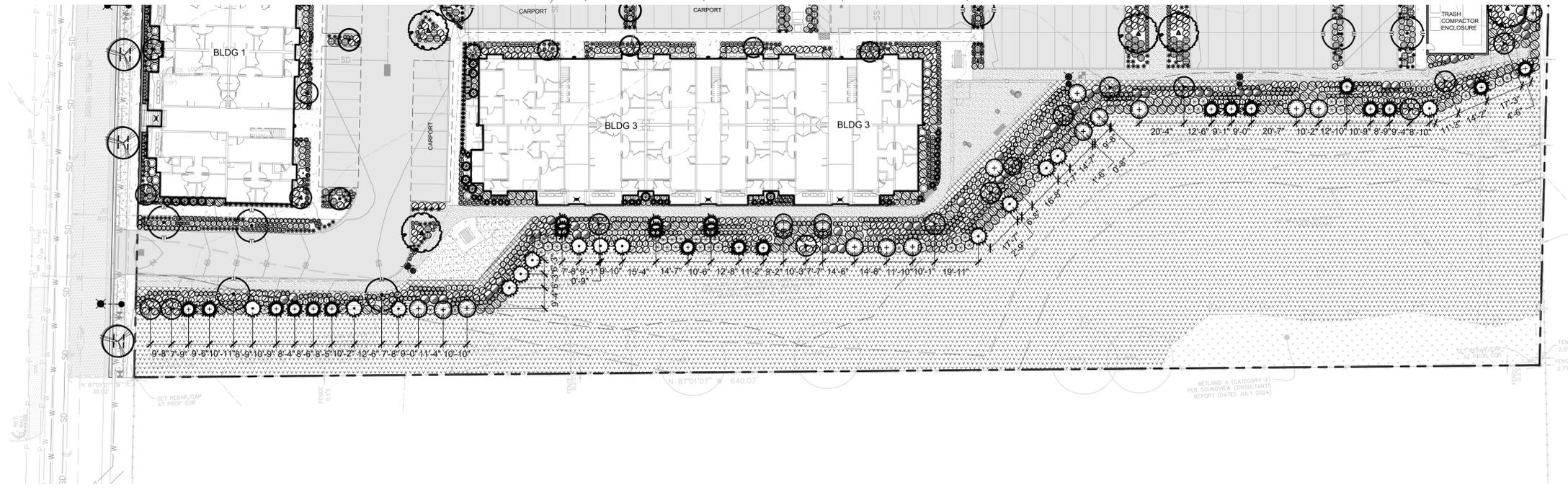


ARLINGTON GARDEN APARTMENTS
 ARLINGTON, WASHINGTON

PLANTING PLAN

SHEET

L2.04

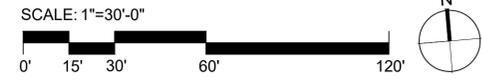


PLANT SCHEDULE SOUTH BUFFER & WETLAND BUFFER ENHANCEMENT

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION / REMARKS
DECIDUOUS TREES				
	2	GINKGO BILOBA 'AUTUMN GOLD' MAIDENHAIR TREE	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	1	TILIA CORDATA 'CHANCELLOR' CHANCELLOR LINDEN	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
EVERGREEN TREES				
	20	PINUS CONTORTA SHORE PINE	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	15	PSEUDOTSUGA MENZIESII DOUGLAS FIR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	14	THUJA PLICATA WESTERN RED CEDAR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
SMALL ACCENT TREES				
	11	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' 'AUTUMN BRILLIANCE' SERVICEBERRY	(3) 1" CAL. TRUNKS, MIN. 8'-10' HT	MATCHED, B&B., WELL BRANCHED
SHRUBS				
	358	CORNUS STOLONIFERA 'KELSEY' KELSEY DOGWOOD	MIN. 12"-15" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	2	HYDRANGAEA QUERCIFOLIA 'PEE WEE' OAKLEAF HYDRANGEA	MIN. 12"-15" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	99	MAHONIA AQUIFOLIUM OREGON GRAPE	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	232	MAHONIA AQUIFOLIUM 'COMPACTA' COMPACT OREGON GRAPE	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	51	PHILADELPHUS LEWISII WILD MOCKORANGE	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	42	RIBES SANGUINEUM RED FLOWERING CURRANT	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	217	SYMPHORICARPOS ALBUS COMMON WHITE SNOWBERRY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
FERNS, GROUNDCOVERS, AND GRASSES				
	12	ACHILLEA MILLEFOLIUM 'MOONSHINE' YARROW	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	7	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	MIN. 5 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN

PLANT SCHEDULE SOUTH BUFFER & WETLAND BUFFER ENHANCEMENT

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION / REMARKS
GROUND COVERS				
	308	GROUND COVER NATIVE MIX		
	153	GAULTHERIA SHALLON SALAL	MIN. 1 GAL. CONTAINER	18" O.C. TRIANG. SPAC., START FIRST ROW 12" FROM EDGE, FULL & BUSHY
	153	MAHONIA NERVOSA LOW OREGON GRAPE	MIN. 1 GAL. CONTAINER	18" O.C. TRIANG. SPAC., START FIRST ROW 12" FROM EDGE, FULL & BUSHY
	153	POLYSTICHUM MUNIUM WESTERN SWORD FERN	MIN. 1 GAL. CONTAINER	18" O.C. TRIANG. SPAC., START FIRST ROW 12" FROM EDGE, FULL & BUSHY
WETLAND BUFFER RESTORATION				
	106	ACER CIRCINATUM VINE MAPLE	MIN. 1 GAL. CONTAINER,	NOTE: REFER TO WETLAND REPORT FOR ADDITIONAL INFORMATION IN THIS AREA.
	106	ALNUS RUBRA RED ALDER	MIN. 1 GAL. CONTAINER,	
	30	FRANGULA PURSHIANA CASCARA BUCKTHORN	MIN. 1 GAL. CONTAINER,	
	119	HOLODISCUS DISCOLOR OCEANSPRAY	MIN. 1 GAL. CONTAINER,	
	106	LONICERA INVOLUCRATA TWINBERRY	MIN. 1 GAL. CONTAINER,	
	119	OEMLARIA CERASIFORMIS PICEA SITCHENSIS	MIN. 1 GAL. CONTAINER,	
	27	SITKA SPRUCE	MIN. 2 GAL. CONTAINER	
	119	POLYSTICHUM MUNIUM WESTERN SWORD FERN	MIN. 1 GAL. CONTAINER,	
	30	PSEUDOTSUGA MENZIESII DOUGLAS FIR	MIN. 2 GAL. CONTAINER	
	119	ROSA GYMNOCARPA WOOD ROSE	MIN. 1 GAL. CONTAINER,	
	107	ROSA NUTKANA NOOTKA ROSE	MIN. 1 GAL. CONTAINER,	
	107	RUBUS SPECTABILIS SALMONBERRY	MIN. 1 GAL. CONTAINER,	
	107	SALIX SCOULERIANA SCOULER'S WILLOW	LIVE STAKE	
	119	SYMPHORICARPUS ALBUS SNOWBERRY	MIN. 1 GAL. CONTAINER,	
	30	THUJA PLICATA WESTERN RED CEDAR	MIN. 2 GAL. CONTAINER	
	992 SF	LAWN		



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Kajin
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ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON

SOUTH BUFFER PLANTING

SHEET
L2.05

PLANT SCHEDULE PROJECT

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION / REMARKS
DECIDUOUS TREES				
	16	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY MAPLE	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	21	GINKGO BILOBA 'AUTUMN GOLD' MAIDENHAIR TREE	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	23	NYSSA SYLVATICA 'BLACK TUPELO' SOUR GUM	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	22	PARROTIA PERSICA PERSIAN PARROTIA	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	13	POPULUS TREMULOIDES QUAKING ASPEN	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	18	QUERCUS MACROCARPA 'URBAN PINNACLE' URBAN PINNACLE OAK	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
	19	TILIA CORDATA 'CHANCELLOR' CHANCELLOR LINDEN	MIN. 2" CAL., 10'-12' MIN. HT.	MATCHED, B&B., WELL BRANCHED ABOVE 6' HT.
EVERGREEN TREES				
	25	PICEA OMORIKA SERBIAN SPRUCE	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	13	PINUS CONTORTA SHORE PINE	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	2	PSEUDOTSUGA MENZIESII DOUGLAS FIR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	64	THUJA OCCIDENTALIS 'AMERICAN PILLAR' AMERICAN PILLAR ARBORVITAE	MIN. 6'-8' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
	10	THUJA PLICATA 'HOGAN' HOGAN CEDAR	MIN. 8'-10' HT.	FULL AND BUSHY TO BASE, B&B OR CONT.
SMALL ACCENT TREES				
	16	ACER CIRCINATUM (MULTI-STEM) VINE MAPLE	(3) 1" CAL. TRUNKS, MIN. 8'-10' HT	MATCHED, B&B., WELL BRANCHED
	24	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' 'AUTUMN BRILLIANCE' SERVICEBERRY	(3) 1" CAL. TRUNKS, MIN. 8'-10' HT	MATCHED, B&B., WELL BRANCHED
	4	CORNUS MAS CORNELIAN CHERRY DOGWOOD	(3) 1" CAL. TRUNKS MIN. 8-10' HT.	MATCHED, B&B., WELL BRANCHED

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION/REMARKS
SHRUBS				
	23	ARBUTUS UNEDO 'OKTOBERFEST' STRAWBERRY TREE	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	15	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' FEATHER REED GRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	552	CORNUS STOLONIFERA 'KELSEY' KELSEY DOGWOOD	MIN. 12"-15" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	13	HAMAMELIS X INTERMEDIA 'ARNOLD PROMISE' ARNOLD PROMISE WITCH HAZEL	MIN. 4'-5' HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	644	HYDRANGEA QUERCIFOLIA 'PEE WEE' OAKLEAF HYDRANGEA	MIN. 12"-15" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	580	ILEX CRENATA 'NORTHERN BEAUTY' NORTHERN BEAUTY JAPANESE HOLLY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	163	ITEA VIRGINICA 'SPRICH' TM LITTLE HENRY SWEETSPIRE	5 GAL. CONT., 24" HT./SPR.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	30	LAVANDULA X INTERMEDIA 'GROSSO' GROSSO LAVENDIN	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	113	MAHONIA AQUIFOLIUM OREGON GRAPE	MIN. 24"-30" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	482	MAHONIA AQUIFOLIUM 'COMPACTA' COMPACT OREGON GRAPE	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	11	PHILADELPHUS LEWISII WILD MOCKORANGE	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	35	PINUS MUGO 'PUMILIO' PUMILIO MUGO PINE	5 GAL. CONT. MIN.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	7	RIBES SANGUINEUM RED FLOWERING CURRANT	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	70	RIBES SANGUINEUM 'KING EDWARD VII' RED FLOWERING CURRANT	MIN. 30"-36" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	410	SPIRAEA BETULIFOLIA 'TOR' BIRCHLEAF SPIREA	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN

PLANT SCHEDULE PROJECT

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	CONDITION / REMARKS
	94	SYMPHORICARPOS ALBUS COMMON WHITE SNOWBERRY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	128	VACCINIUM OVATUM EVERGREEN HUCKLEBERRY	MIN. 18"-24" HT./SPD.	FULL & BUSHY, SPACING AS SHOWN ON PLAN
FERNS, GROUNDCOVERS, AND GRASSES				
	407	ACHILLEA MILLEFOLIUM 'MOONSHINE' YARROW	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	71	ANEMONE X HYBRIDA 'HONORINE JOBERT' HONORINE JOBERT JAPANESE ANEMONE	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	305	ASTER X FRIKARTII 'MONCH' MONCH FRIKART'S ASTER	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	47	CAREX OSHIMENSIS 'EVERGOLD' VARIEGATED JAPANESE SEDGE	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	328	CAREX TESTACEA CAREX	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	120	DESCHAMPSIA CESPITOSA TUFTED HAIR GRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	82	DRYOPTERIS ERYTHROSORA AUTUMN FERN	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	126	ECHINACEA PURPUREA PURPLE CONEFLOWER	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	229	GERANIUM MACRORRHIZUM BIGROOT GERANIUM	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	894	HELIOTRICHON SEMPERVIRENS BLUE OAT GRASS	MIN. 5 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	47	HELIOPSIS HELIANTHOIDES 'SUMMER NIGHTS' SUMMER NIGHTS FALSE SUNFLOWER	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	97	MISCANTHUS SINENSIS 'MORNING LIGHT' EULALIA GRASS	MIN. 5 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	344	POLYSTICHUM MUNITUM WESTERN SWORD FERN	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	235	RUDBECKIA FULGIDA SULLIVANTII 'GOLDSTURM' BLACK-EYED SUSAN	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	116	SEDUM X 'AUTUMN JOY' AUTUMN JOY SEDUM	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	111	SESLERIA AUTUMNALIS AUTUMN MOOR GRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	42	STIPA TENUISSIMA FINESTEM NEEDLEGRASS	MIN. 2 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN
	11	VERBENA BONARIENSIS PURPLETOP VERVAIN	MIN. 1 GAL. CONTAINER	FULL & BUSHY, SPACING AS SHOWN ON PLAN

GROUND COVERS



2,835 SF

LAWN



2,434 SF

BIORETENTION

LAWN



11,870 SF

LAWN

SEE SPECIFICATION



DEEP ROOT ROOT BARRIERS

UB 18-2 FOR BARRIERS ALONG CURBS AND SIDEWALKS

SEE DECIDUOUS TREE PLANTING DETAIL AND CITY STANDARD DETAIL PLANTING STRIP R-260 (PROVIDED ON L2.07). INSTALL PER MANUFACTURER'S SPECIFICATIONS. SUBMIT SHOP DRAWINGS. REFER TO LANDSCAPE REQUIREMENT CALCULATIONS ON L1.05



VEHICULAR ACCOMMODATION AREA

108,097 SF

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0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

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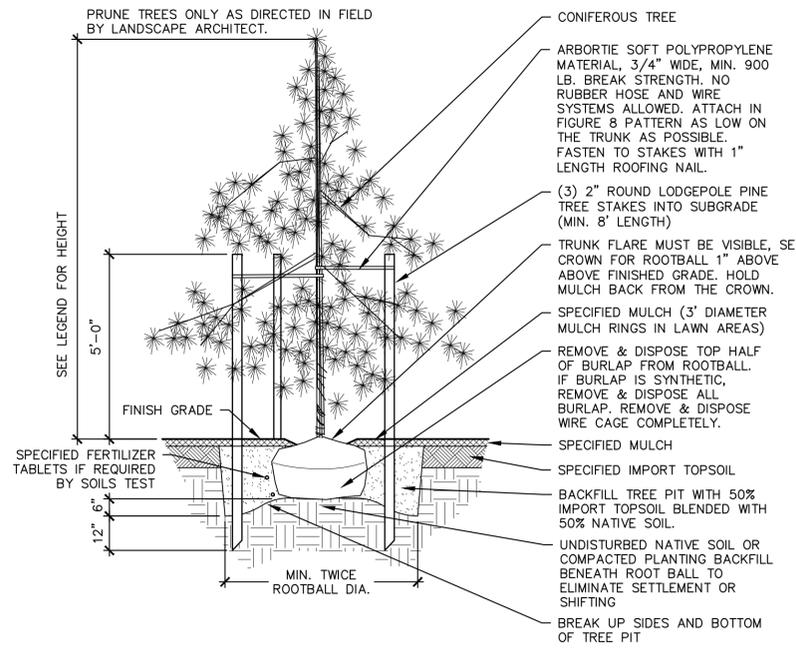


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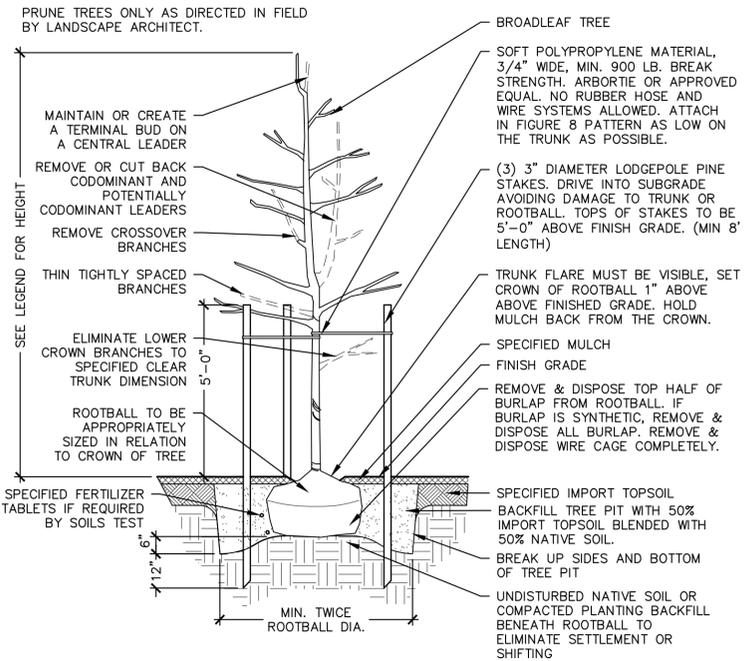
PLANTING LEGEND

SHEET

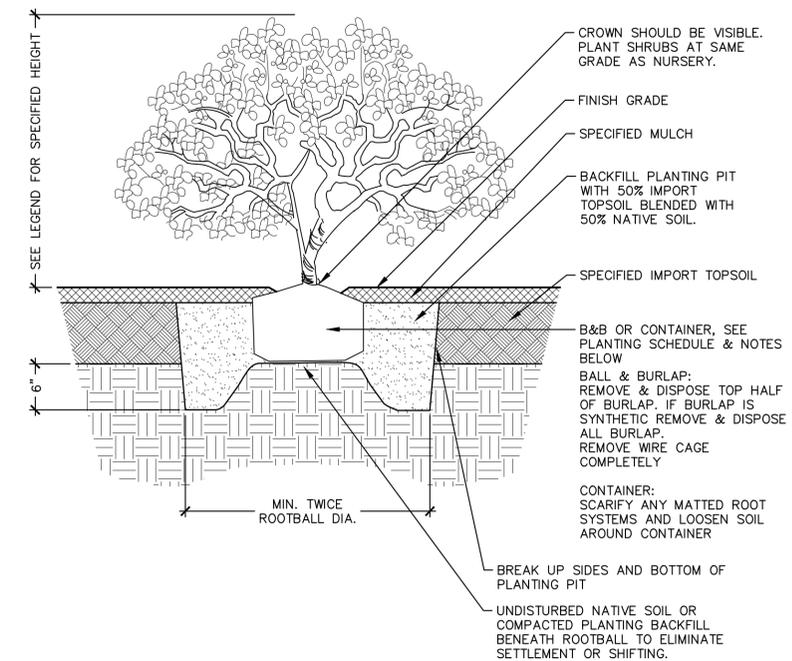
L2.06



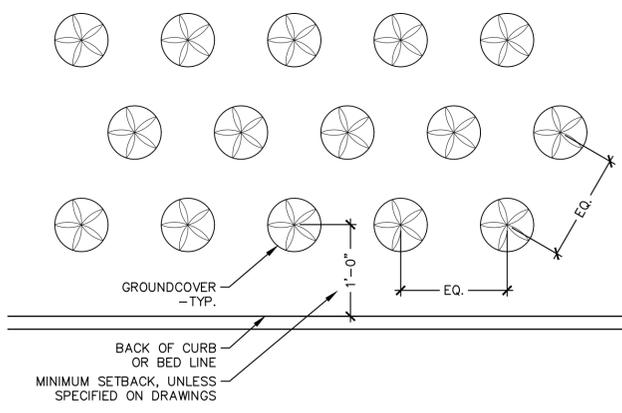
1 CONIFEROUS TREE PLANTING
3/8" = 1'-0"
P-QU-01



2 DECIDUOUS TREE PLANTING
3/8" = 1'-0"
P-QU-03

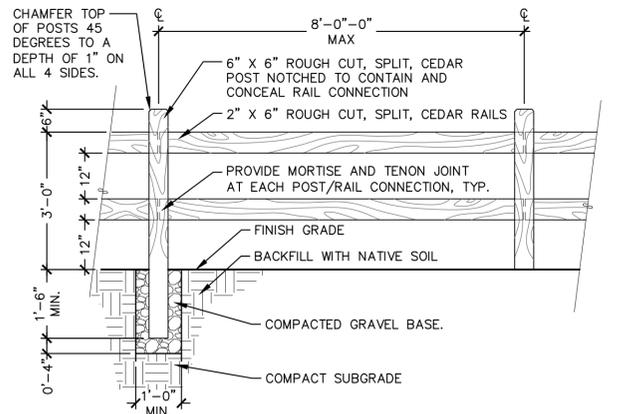


3 SHRUB PLANTING
1" = 1'-0"
P-QU-07



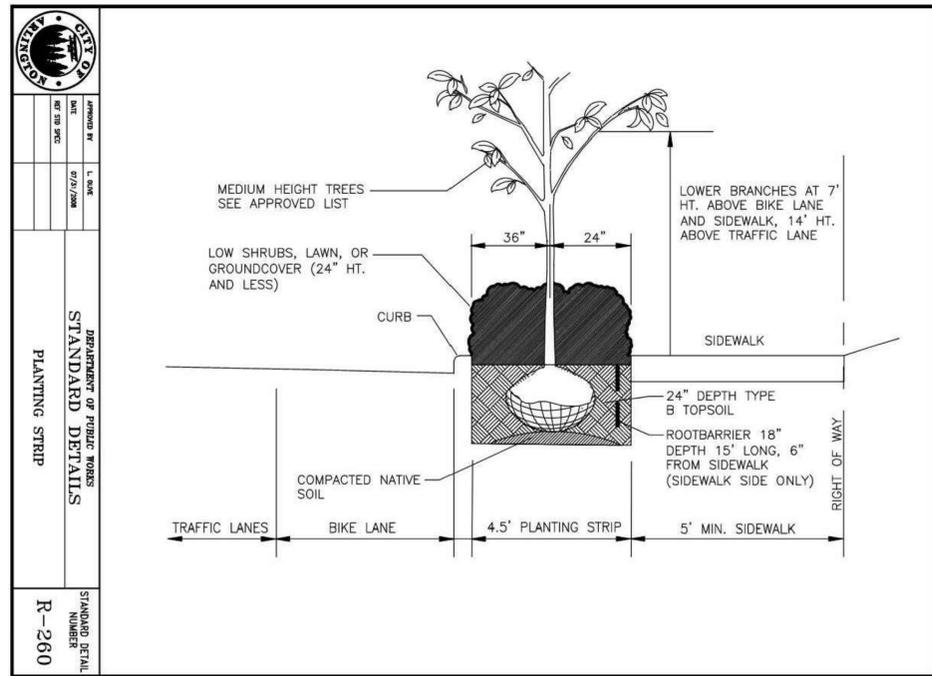
NOTES:
1. ALL GROUNDCOVER TO PLANTED AT = SPACING (TRIANGULAR) PER O.C. SPACING ON PLANS

4 GROUNDCOVER SPACING DIAGRAM
1" = 1'-0"
P-QU-05



NOTE:
1. REFER TO MITIGATION PLANS FOR WETLAND FENCE INFORMATION, DETAILS AND SIGNAGE.
2. REFER TO THIS DETAIL FOR ALL OTHER SPLIT RAIL FENCES ON SITE.

5 SPLIT RAIL FENCE
1/2" = 1'-0"
P-QU-02



6 STREET TREE PLANTING
Scale: NTS

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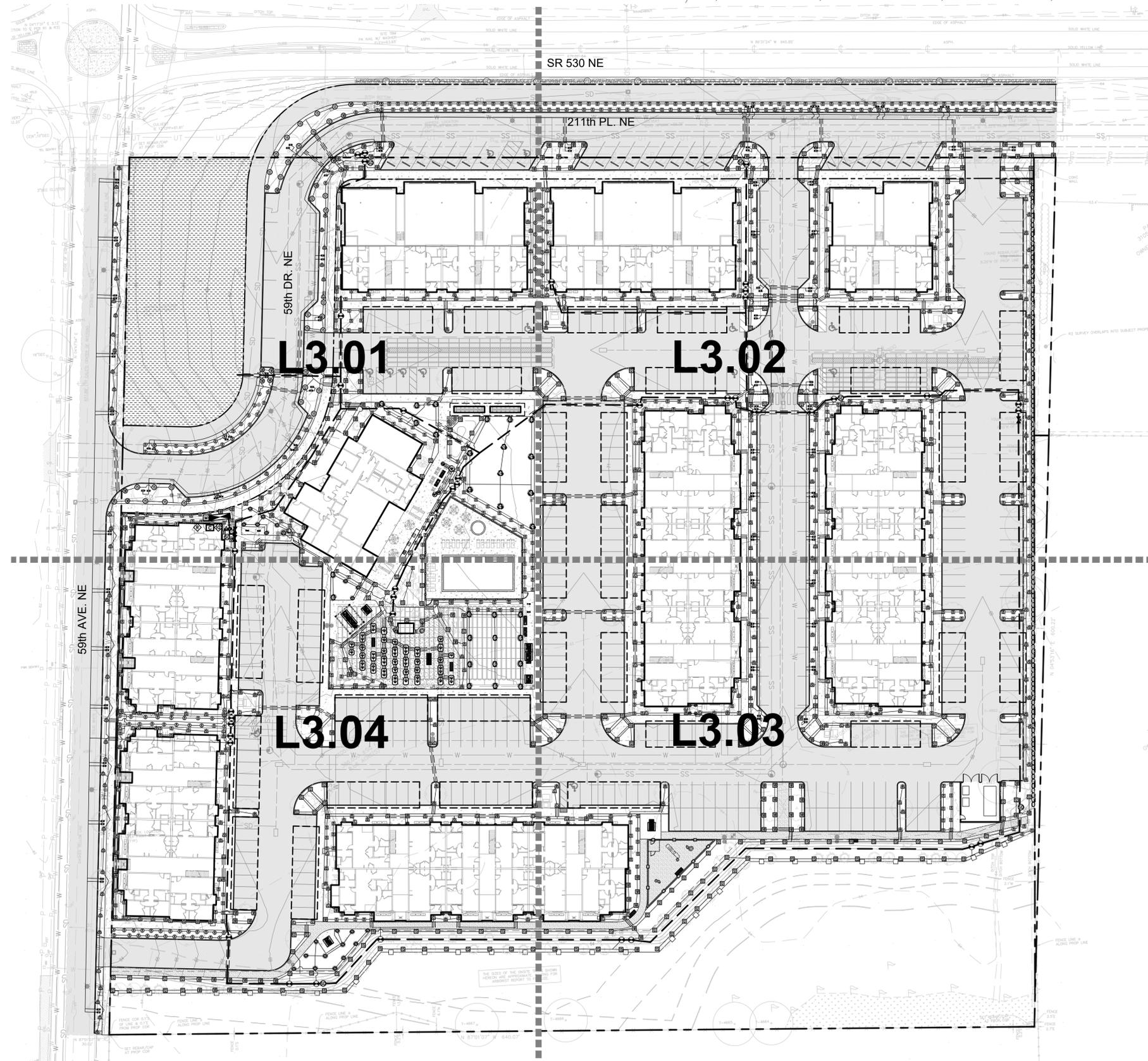
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PLANTING DETAILS

SHEET
L2.07



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	DESIGN PSI	PSI	PRECIP
1	RAIN BIRD PEB-IVM	1-1/2"	TURF SPRAY	51.35	30	37.3	1.96 in/h
2	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	43.07	30	38.5	1.76 in/h
3	RAIN BIRD PEB-IVM	1-1/2"	TURF SPRAY	39.14	30	36.6	1.73 in/h
4	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	53.75	30	37.1	2.92 in/h
5	RAIN BIRD PEB-IVM	1"	BUBBLER	21	30	39.9	2.14 in/h
6	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	48.9	30	37.2	1.65 in/h
7	RAIN BIRD PEB-IVM	1"	BUBBLER	1	30	31.3	0.92 in/h
8	RAIN BIRD PEB-IVM	1"	TURF ROTARY	21.09	45	50.5	0.58 in/h
9	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	45.67	30	35.9	1.5 in/h
10	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	38.02	30	32.2	1.48 in/h
11	RAIN BIRD PEB-IVM	1"	TURF ROTARY	17.31	45	52.1	0.61 in/h
12	RAIN BIRD PEB-IVM	1"	BUBBLER	12.25	30	33.2	1.0 in/h
13	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	49.05	30	39.2	1.62 in/h
14	RAIN BIRD PEB-IVM	1"	SHRUB SPRAY	17.21	30	39.0	1.66 in/h
15	RAIN BIRD PEB-IVM	1-1/2"	BUBBLER	25	30	39.4	2.38 in/h
16	RAIN BIRD PEB-IVM	1"	TURF SPRAY	10.66	30	33.5	1.68 in/h
17	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	38.33	30	37.2	1.74 in/h
18	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	39.94	30	37.9	1.79 in/h
19	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	34.49	30	36.8	1.58 in/h
20	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	37.8	30	37.4	2.88 in/h
21	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	32.58	30	37.8	2.02 in/h
22	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	35.0	30	38.1	2.0 in/h
23	RAIN BIRD PEB-IVM	1"	SHRUB SPRAY	17.69	30	38.0	1.74 in/h
24	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	37.24	30	38.0	1.64 in/h
25	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	30.71	30	37.1	1.68 in/h
26	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	31.63	30	38.0	1.87 in/h
27	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	50.72	30	48.3	1.06 in/h
28	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	49.87	30	37.4	0.96 in/h
29	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	27.38	30	35.6	0.9 in/h
30	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	43.06	30	39.4	0.83 in/h
31	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	54.57	30	39.6	1.79 in/h
32	RAIN BIRD PEB-IVM	1"	TURF ROTARY	6.35	45	47.4	0.8 in/h
33	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	35.25	30	41.2	0.85 in/h
34	RAIN BIRD PEB-IVM	1"	TURF SPRAY	14.62	30	33.8	1.77 in/h
35	RAIN BIRD PEB-IVM	1"	BUBBLER	13	30	39.0	2.4 in/h
36	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	30.24	30	40.0	1.92 in/h
37	RAIN BIRD PEB-IVM	1-1/2"	TURF SPRAY	47.71	30	39.5	2.01 in/h
38	RAIN BIRD PEB-IVM	1"	TURF SPRAY	10.06	30	32.9	1.62 in/h
39	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	28.8	30	38.1	1.43 in/h
40	RAIN BIRD PEB-IVM	1-1/2"	SHRUB SPRAY	35.01	30	38.3	1.76 in/h

IRRIGATION NOTES:

- ADJUST ALL IRRIGATION HEADS TO PROVIDE MAXIMUM COVERAGE, MINIMUM OVERSPRAY, AND NO FOGGING. SET ALL HEADS BACK FROM CURBS, PAVING, AND WALLS. SPRINKLER HEADS SHALL BE INSTALLED WITH 6" OFFSET FROM BACK OF PAVING OR CURB EDGES, AND 12" OFFSET WHERE CAR BUMPERS WILL OVERHANG.
- LOCATION OF IRRIGATION MAINLINE, LATERALS, AND SLEEVING ARE SCHEMATIC ONLY, AND SHALL OCCUR IN PLANTING AREAS UNLESS SLEEVING IS SHOWN. IF SLEEVES ARE SHOWN THEY ARE TO BE STRAIGHT RUNS, TYP. MAKE MINOR CHANGES TO COORDINATE WITH ACTUAL AS-BUILT DIMENSIONS AND CONDITIONS.
- VALVE BOXES SHALL BE LOCATED IN SHRUB PLANTING AREAS ONLY. LOCATE IN APPROXIMATE LOCATIONS AS SHOWN ON PLAN.
- SEE CIVIL PLANS FOR LOCATION OF IRRIGATION STUB-OUT FROM 1.5' METER.
- ANTICIPATED AVAILABLE STATIC WATER PRESSURE IS ESTIMATED AT +/-119 PSI, AS PROVIDED BY KPFF ON 5/22/25. VERIFY EXACT PRESSURE AT POINT OF CONNECTION PRIOR TO START OF WORK.
- THE IRRIGATION SYSTEM HAS BEEN DESIGNED WITH SEPARATE HYDROZONES ACCORDING TO THE NEEDS OF THE PLANT MATERIAL. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO PROVIDE A MINIMUM AVERAGE DISTRIBUTION UNIFORMITY OF 0.625. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO AVOID RUNOFF, LOW HEAD DRAINAGE, AND OVERSPRAY. AVOID IRRIGATION DURING TIMES OF HIGH WINDS, WHEN RAINING, OR DURING THE MIDDLE OF THE DAY.
- LATERAL PIPE SIZE SHALL BE AS NOTED ON PLAN. UNLABELED SECTIONS SHALL MATCH THE SIZE NOTED OF THE ADJACENT UPSTREAM PIPE. MINIMUM PIPE SIZE AT END OF LATERAL RUNS SHALL BE 3/4".
- QUANTITIES AND PIPE LENGTHS INDICATED ON THE IRRIGATION SCHEDULE ARE FOR REFERENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR. IF THERE IS A DISCREPANCY BETWEEN PLAN AND SCHEDULE, THE PLAN SHALL TAKE PRECEDENT.
- WHERE IRRIGATION PIPING IS SHOWN ADJACENT OR UNDER EXISTING TREES, MAKE MINOR ROUTE ADJUSTMENTS TO AVOID TRENCHING THROUGH LARGE TREE ROOTS. REFER TO SPECIFICATION SECTION 328000 FOR FURTHER INSTRUCTIONS.
- REFER TO IRRIGATION SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

SCALE: 1"=40'-0"



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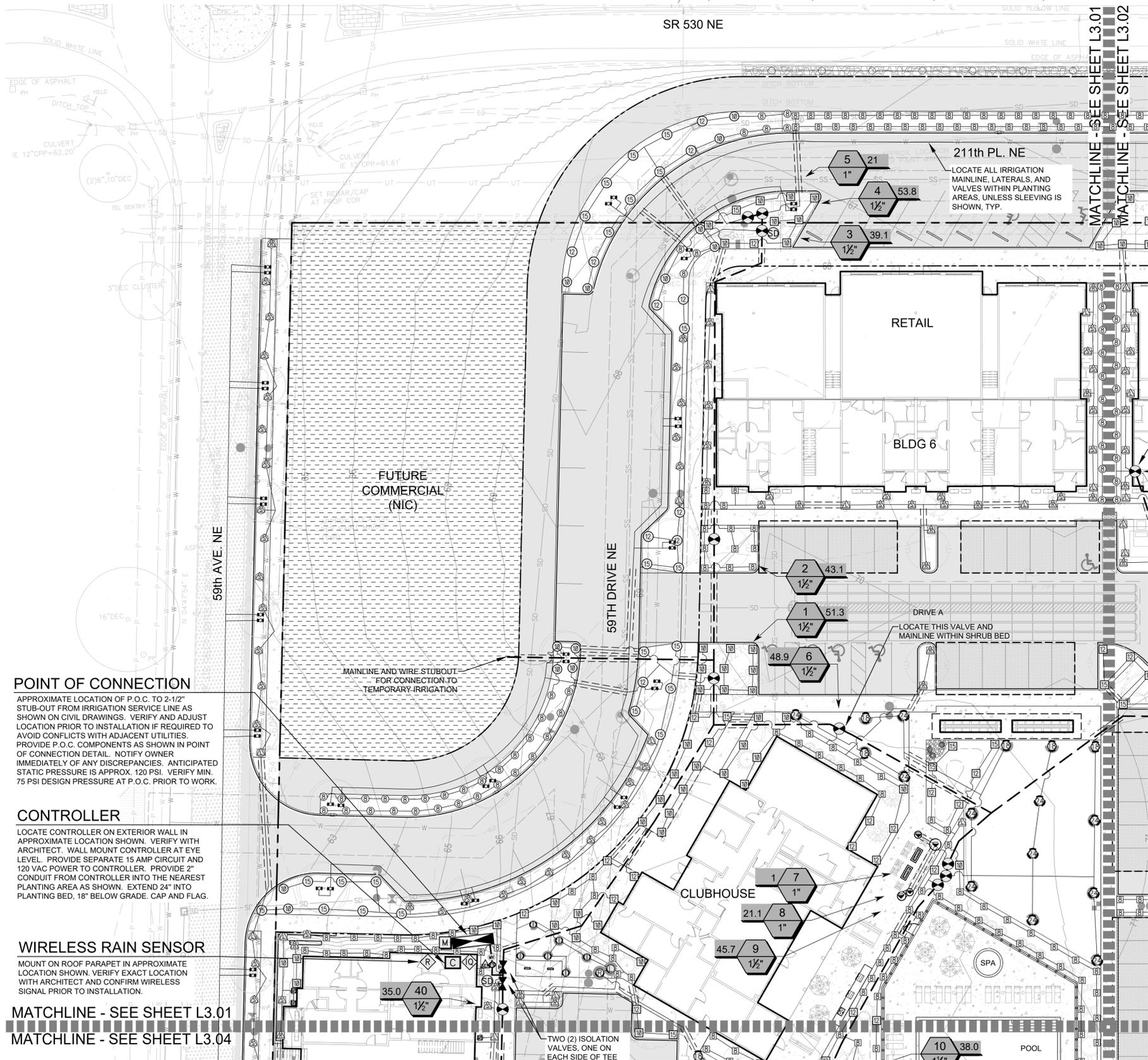
OVERALL IRRIGATION PLAN

SHEET

L3.00

SR 530 NE

MATCHLINE - SEE SHEET L3.01
MATCHLINE - SEE SHEET L3.02



POINT OF CONNECTION

APPROXIMATE LOCATION OF P.O.C. TO 2-1/2" STUB-OUT FROM IRRIGATION SERVICE LINE AS SHOWN ON CIVIL DRAWINGS. VERIFY AND ADJUST LOCATION PRIOR TO INSTALLATION IF REQUIRED TO AVOID CONFLICTS WITH ADJACENT UTILITIES. PROVIDE P.O.C. COMPONENTS AS SHOWN IN POINT OF CONNECTION DETAIL. NOTIFY OWNER IMMEDIATELY OF ANY DISCREPANCIES. ANTICIPATED STATIC PRESSURE IS APPROX. 120 PSI. VERIFY MIN. 75 PSI DESIGN PRESSURE AT P.O.C. PRIOR TO WORK.

CONTROLLER

LOCATE CONTROLLER ON EXTERIOR WALL IN APPROXIMATE LOCATION SHOWN. VERIFY WITH ARCHITECT. WALL MOUNT CONTROLLER AT EYE LEVEL. PROVIDE SEPARATE 15 AMP CIRCUIT AND 120 VAC POWER TO CONTROLLER. PROVIDE 2" CONDUIT FROM CONTROLLER INTO THE NEAREST PLANTING AREA AS SHOWN. EXTEND 24" INTO PLANTING BED, 18" BELOW GRADE. CAP AND FLAG.

WIRELESS RAIN SENSOR

MOUNT ON ROOF PARAPET IN APPROXIMATE LOCATION SHOWN. VERIFY EXACT LOCATION WITH ARCHITECT AND CONFIRM WIRELESS SIGNAL PRIOR TO INSTALLATION.

MATCHLINE - SEE SHEET L3.01

MATCHLINE - SEE SHEET L3.04

SCALE: 1"=20'-0"



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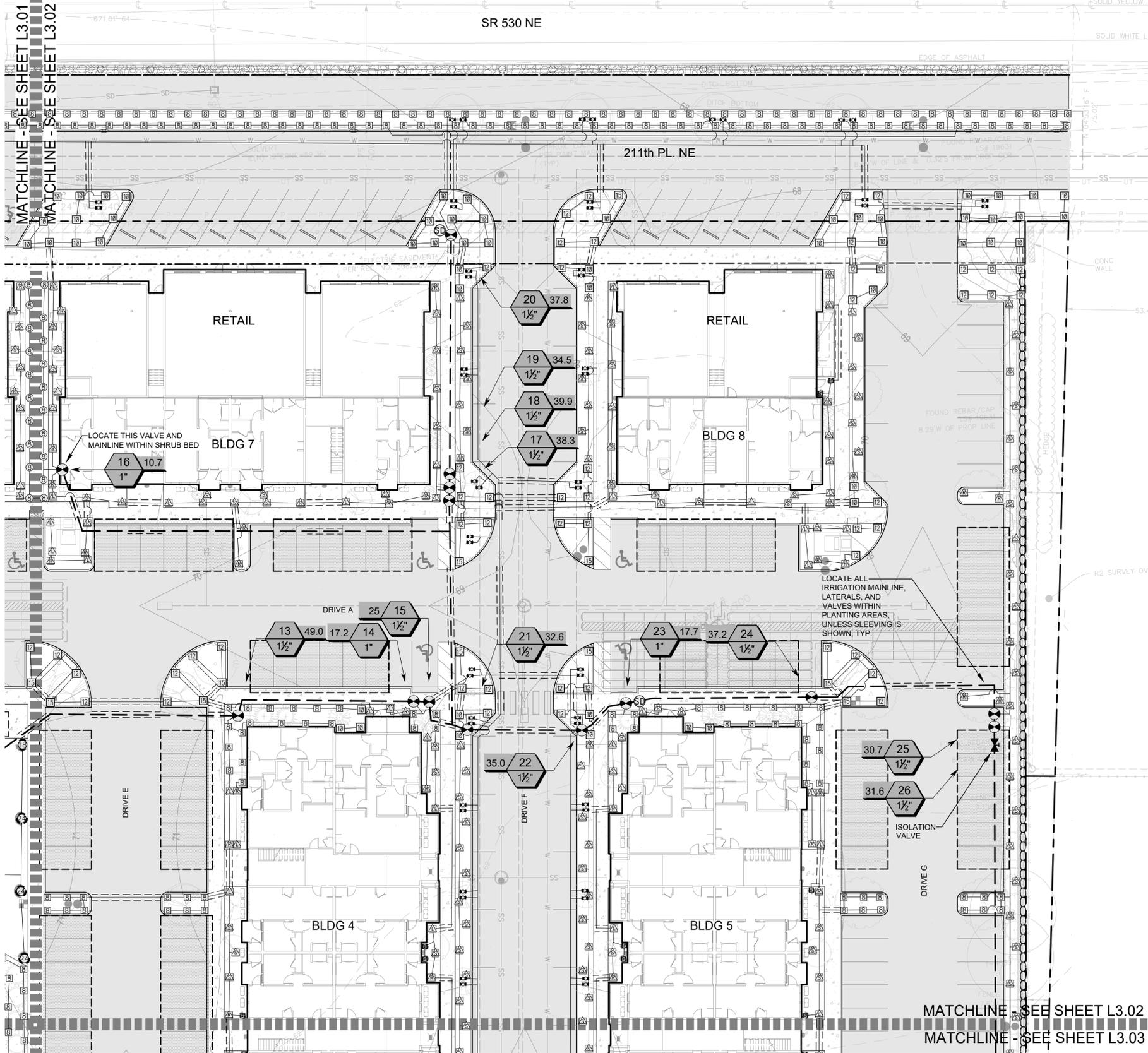
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IRRIGATION PLAN

SHEET
L3.01

SR 530 NE

211th PL. NE



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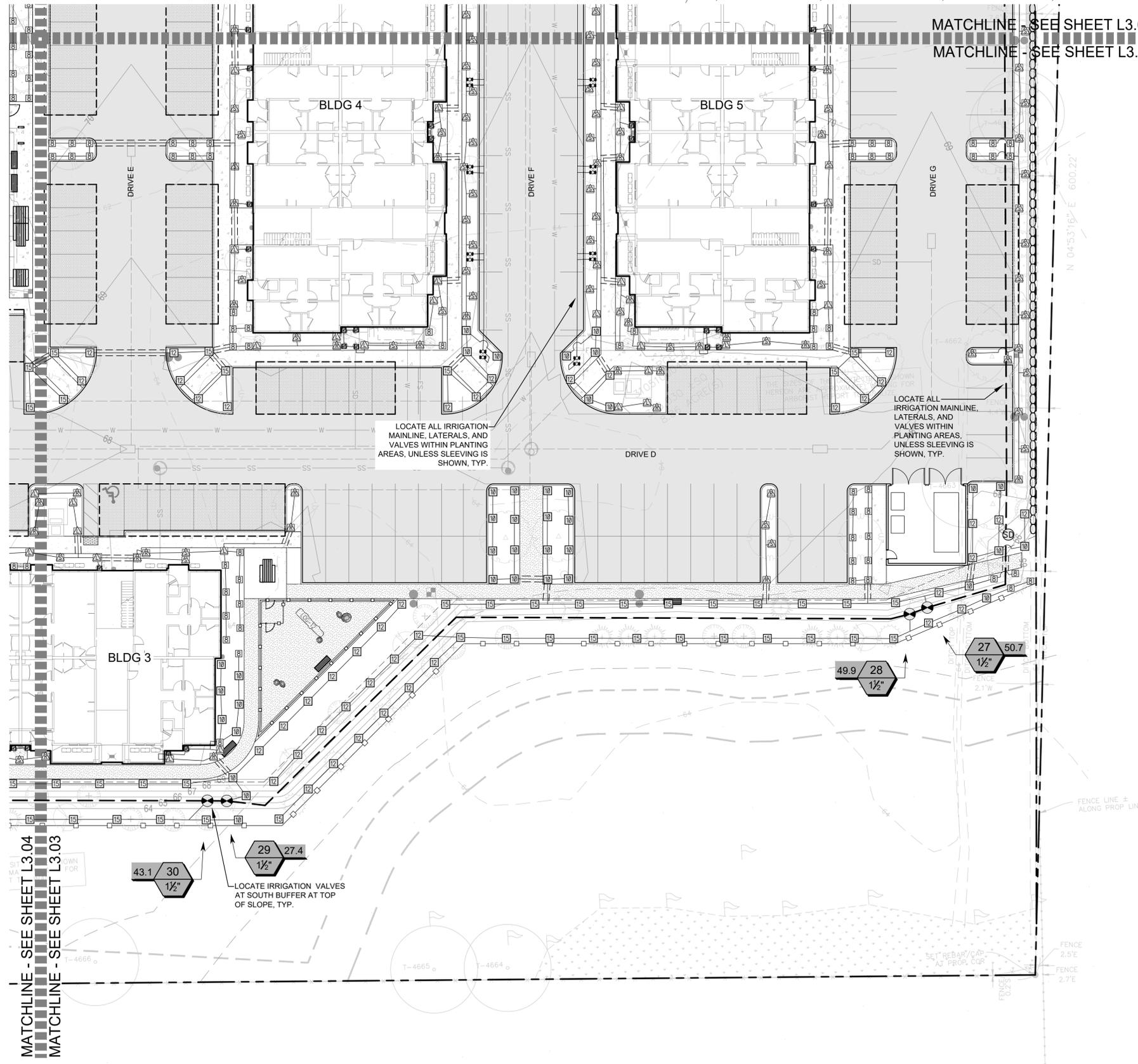
IRRIGATION PLAN

SHEET

L3.02

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.

MATCHLINE - SEE SHEET L3.02
 MATCHLINE - SEE SHEET L3.03

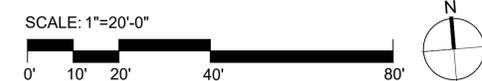


LOCATE ALL IRRIGATION MAINLINE, LATERALS, AND VALVES WITHIN PLANTING AREAS, UNLESS SLEEVING IS SHOWN, TYP.

LOCATE ALL IRRIGATION MAINLINE, LATERALS, AND VALVES WITHIN PLANTING AREAS, UNLESS SLEEVING IS SHOWN, TYP.

LOCATE IRRIGATION VALVES AT SOUTH BUFFER AT TOP OF SLOPE, TYP.

MATCHLINE - SEE SHEET L3.04
 MATCHLINE - SEE SHEET L3.03



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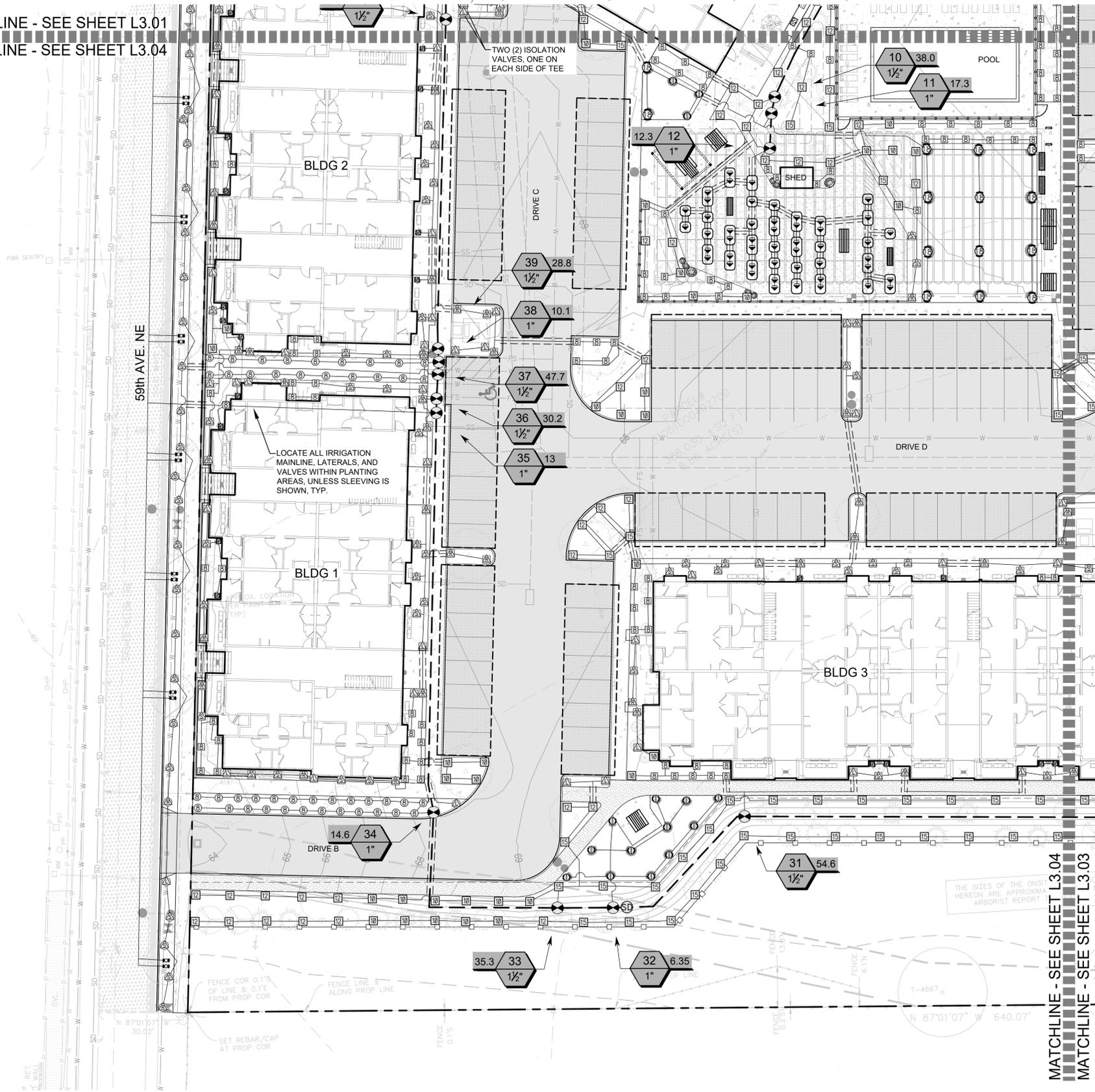
IRRIGATION PLAN

SHEET

L3.03

NW 1/4, SEC 10, TWP 31N, RGE 5E, W.M.

MATCHLINE - SEE SHEET L3.01
 MATCHLINE - SEE SHEET L3.04



MATCHLINE - SEE SHEET L3.04
 MATCHLINE - SEE SHEET L3.03



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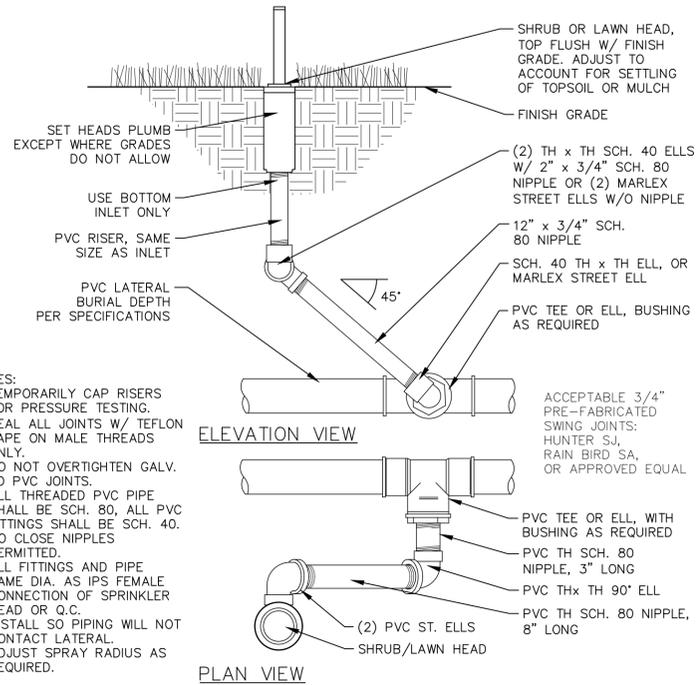


ARLINGTON GARDEN APARTMENTS
 ARLINGTON, WASHINGTON

IRRIGATION PLAN

SHEET

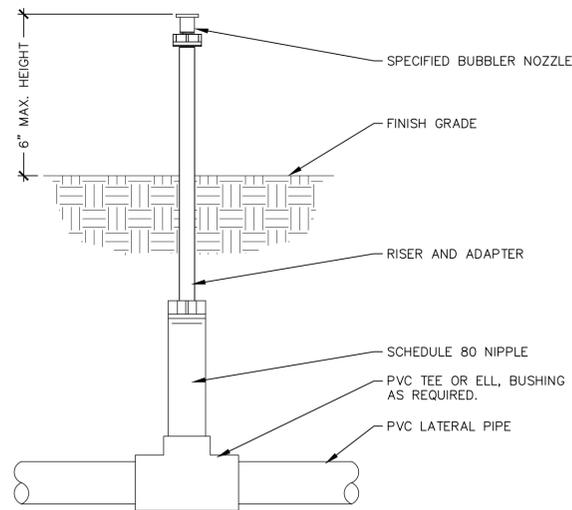
L3.04



- NOTES:
- TEMPORARILY CAP RISERS FOR PRESSURE TESTING.
 - SEAL ALL JOINTS W/ TEFLON TAPE ON MALE THREADS ONLY.
 - DO NOT OVERTIGHTEN GALV. TO PVC JOINTS.
 - ALL THREADED PVC PIPE SHALL BE SCH. 80, ALL PVC FITTINGS SHALL BE SCH. 40. NO CLOSE NIPPLES PERMITTED.
 - ALL FITTINGS AND PIPE SAME DIA. AS IPS FEMALE CONNECTION OF SPRINKLER HEAD OR Q.C.
 - INSTALL SO PIPING WILL NOT CONTACT LATERAL.
 - ADJUST SPRAY RADIUS AS REQUIRED.

1 IRRIGATION HEAD
3" = 1'-0"

P-QU-14

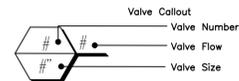


2 BUBBLER HEAD
3" = 1'-0"

P-QU-04

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	QTY	PRECIP	PSI	GPM
	TEMPORARY IRRIGATION - ABOVE GROUND ROTORS ABOVE GROUND LATERAL PIPING WITH ROTOR SPRINKLER HEADS. INSTALL BATTERY POWERED CONTROL VALVE AT QUICK COUPLER LOCATIONS DURING PLANT ESTABLISHMENT PERIOD. AFTER ESTABLISHMENT PERIOD IS OVER, REPLACE VALVES WITH QUICK COUPLER ASSEMBLIES. REMOVE ALL TEMPORARY LATERAL PIPING AND SPRINKLERS FROM THE SITE AT THE END OF THE MAINTENANCE PERIOD. SEE SPECIFICATIONS FOR MORE INFORMATION.	14,957 SF	0.75 in/h	50	117
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL	
	RAIN BIRD 1804-U-SAM-PRS 15 STRIP SERIES TURF SPRAY 4" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.	63	30	1/L3.05	
	RAIN BIRD 1804-U-SAM-PRS HE-VAN SERIES TURF SPRAY 4" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.	125	30	1/L3.05	
	RAIN BIRD 1806-SAM-PRS-U 15 STRIP SERIES SHRUB SPRAY, 6" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	436	30	1/L3.05	
	RAIN BIRD 1806-SAM-PRS-U HE-VAN SERIES SHRUB SPRAY, 6" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	855	30	1/L3.05	
	RAIN BIRD 1806-SAM-PRS 5 SERIES MPR SHRUB SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2IN. NPT FEMALE THREADED INLET. WITH SEAL-A-MATIC CHECK VALVE, AND PRESSURE REGULATING DEVICE.	51	30		
	RAIN BIRD R-VAN-STRIP 1804-SAM-P45 SHRUB ROTARY, 5'X15' (LCS AND RCS), 5'X30' (SST) HAND ADJUSTABLE MULTI-STREAM ROTARY W/ 2 1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	2	45	1/L3.05	
	RAIN BIRD R-VAN14 1804-SAM-P45 TURF ROTARY, 8'-14' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 21 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD R-VAN18 1804-SAM-P45 TURF ROTARY, 13'-18' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 19 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD R-VAN24 1804-SAM-P45 TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 11 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD 1804-SAM-1400 FLOOD FLOOD BUBBLER 4.0IN. POPUP WITH CHECK VALVE. INSTALL W/ PA-80 ADAPTER.	53	30		
	RAIN BIRD R-VAN14 1804-SAM-P45 TURF ROTARY, 8'-14' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 21 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD R-VAN18 1804-SAM-P45 TURF ROTARY, 13'-18' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 19 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD R-VAN24 1804-SAM-P45 TURF ROTARY, 17'-24' 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY 11 W/1800 TURF SPRAY BODY ON 4" POP-UP. WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR. 1/2" NPT FEMALE THREADED INLET.	1	45	1/L3.05	
	RAIN BIRD 1401 0.25 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2.0 GPM. IRRIGATION MAINLINE: PVC SCHEDULE 40 BURIAL DEPTH.	17,041 LF	3/L3.07	30	
	RAIN BIRD 1401 0.25 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2.0 GPM. IRRIGATION MAINLINE: PVC SCHEDULE 40 BURIAL DEPTH.	2,386 LF	3/L3.07		
	PIPE SLEEVE: PVC SCHEDULE 40 SEE PLAN FOR SIZE. 4" DIAMETER UNLESS OTHERWISE INDICATED ON PLAN. TO BE INSTALLED BY LANDSCAPE CONTRACTOR AT DEPTHS SPECIFIED.	1,562 LF	3/L3.07		



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	RAIN BIRD PEB-IVM 1", 1-1/2", 2" PLASTIC INDUSTRIAL SMART VALVES W/ FACTORY INSTALLED IVM-SOL. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.	36	2/L3.07
	RAIN BIRD 5-RC 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, THERMOPLASTIC RUBBER COVER, AND 1-PIECE BODY.	1	4/L3.06
	NIBCO T-113-K CLASS 125 BRONZE GATE SHUT OFF VALVE WITH CROSS HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"	1	1/L3.06
	NIBCO T-580-S6-R-66-LL STAINLESS STEEL BALL VALVE SHUT OFF VALVE	3	1/L3.07
	RAIN BIRD IVM-EFB-CP 2" 1IN., 1-1/2IN., 2IN. BRASS REMOTE CONTROL SMART VALVE W/ FACTORY INSTALLED IVM-SOL CONTAMINATION PROOF, SELF-FLUSHING FILTER SCREEN, GLOBE CONFIGURATION, RECLAIMED WATER COMPATIBLE, AND PURPLE HANDLE COVER DESIGNATES NON-POTABLE WATER USE.	1	1/L3.06
	MANUAL DRAIN VALVE CHAMPION 300RS-200 ANGLE VALVE (2"). INSTALL ONE AT POC AND ONE AT LOW POINT OF SITE MAINLINE.	1	3/L3.06
	PRESSURE REDUCING VALVE WILKINS 500-XL PRESSURE REDUCING VALVE - SIZE TO MATCH BACKFLOW DEVICE. PRESSURE REQUIRED DOWNSTREAM IS 59.2 PSI	1	1/L3.06
	FEBCO 850U 2" DOUBLE CHECK BACKFLOW PREVENTION WITH UNION END BALL VALVE, 1/2" TO 2".	1	1/L3.06
	RAIN BIRD ESPLXVM TWO-WIRE COMMERCIAL CONTROLLER. 60 STATIONS. UV-RESISTANT, OUTDOOR-RATED, PLASTIC LOCKING WALL-MOUNTABLE CASE. AVAILABLE IN THE US MARKET, INTERNATIONAL, EUROPEAN, OR AUSTRALIAN MARKETS.	1	4/L3.07
	RAIN BIRD IQ4G-USA IQ NCC 4G CELLULAR CARTRIDGE UPGRADES ESP-LX SERIES CONTROLLERS TO IQ SATELLITE, FOR COMMUNICATION WITH IQ CENTRAL CONTROL. INCLUDE IQEXTANT4G EXTERNAL ANTENNA FOR METAL OR STAINLESS STEEL CABINET/PEDESTAL. USED FOR DIRECT OR SERVER SATELLITE APPLICATIONS.	1	4/L3.07
	RAIN BIRD LXIVMSD SURGE DEVICE PROVIDES NECESSARY PROTECTION ON THE ESPLXVM(P) CONTROLLER, 2 WIRE PATH. INSTALL (1) LXIVMSD EVERY 500FT OR 15 FIELD DEVICES (WHICHEVER IS SMALLER).	6	1/L3.08
	RAIN BIRD LXIVMSN SENSOR DEVICE INTERFACES W/ FLOW OR WEATHER SENSOR AND ESP-LX-IVM(P) CONTROLLER. FLOW SENSOR CAN BE INSTALLED ANYWHERE ON THE 2-WIRE PATH.	1	
	RAIN BIRD WR2-RFC WIRELESS RAIN AND FREEZE SENSOR COMBO, INCLUDES 1 RECEIVER AND 1 RAIN/FREEZE SENSOR TRANSMITTER.	1	5/L3.07
	RAIN BIRD UFS-150 1-1/2IN. ULTRASONIC FLOW SENSORS, WITH GLASS FILLED NYLON BODY, OPERATING RANGE 0.5 GPM TO 1.5 GPM. SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE.	1	5/L3.06
	POINT OF CONNECTION SEE ENLARGEMENT ON DETAIL SHEET.	1	2/L3.06
	STRAINER WILKINS SXL CAST BRONZE WYE STRAINER WITH 20-MESH STAINLESS STEEL SCREEN. SIZE TO MATCH BACKFLOW DEVICE. INSTALL AT POC AND ELSEWHERE AS SHOWN ON PLAN.	1	1/L3.06
	WATER METER 1-1/2" SEE CIVIL DRAWINGS	1	

DRAWN BY	DESIGNED BY
KC	KC
CHECKED BY	APPROVED BY
TC	PN
DATE	
6/13/2025	
JOB No.:	2400346

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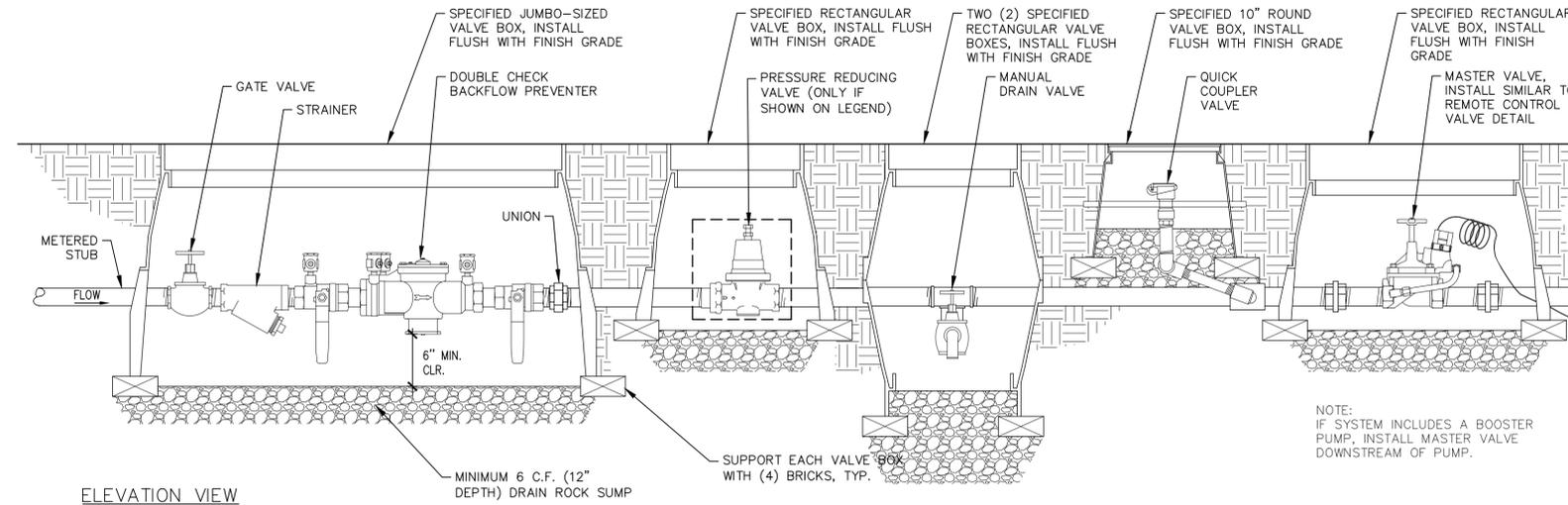
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ARLINGTON GARDEN APARTMENTS
ARLINGTON, WASHINGTON
IRRIGATION LEGEND & DETAILS

SHEET

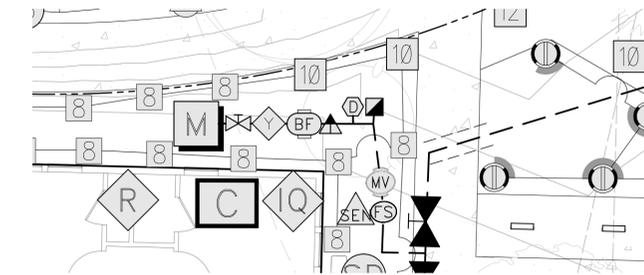
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- NOTES:
1. PROVIDE ONE QUICK COUPLER AT P.O.C. AND ELSEWHERE AS SHOWN ON PLAN.
 2. INSURE POSITIVE DRAINAGE FROM P.O.C. COMPONENTS. PROVIDE DAYLIGHT DRAIN AS NECESSARY.
 3. PROVIDE SIZE & QUANTITY OF VALVE BOXES AS NECESSARY TO ACCOMMODATE ALL COMPONENTS.

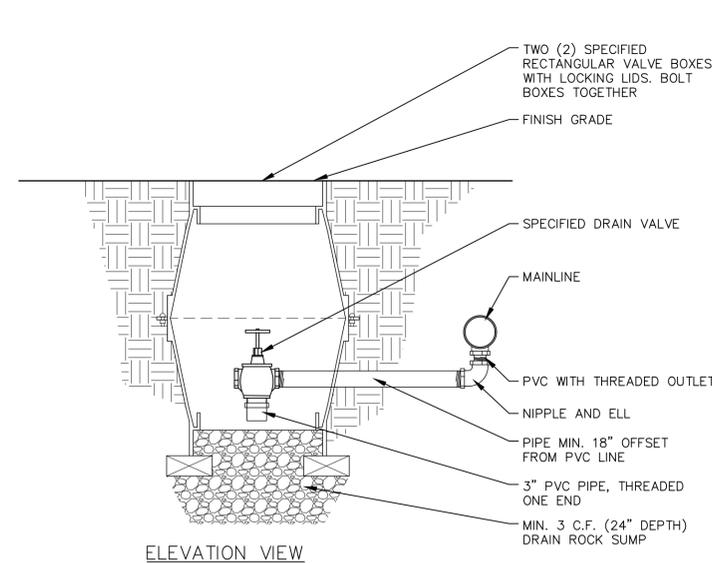
1 POINT OF CONNECTION - WITH DOUBLE CHECK VALVE
 1 1/2" = 1'-0"

P-QU-24



2 POC PLAN ENLARGEMENT
 1/8" = 1'-0"

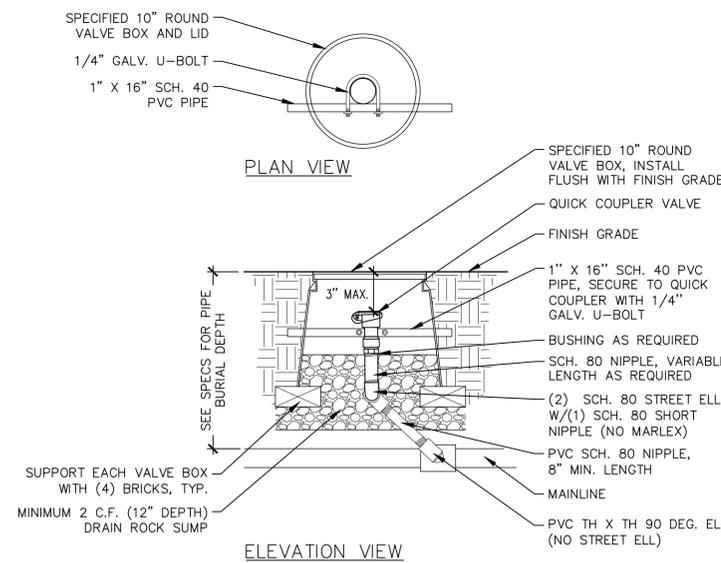
P-QU-36



- NOTES:
1. ALL PIPE AND FITTINGS TO BE SAME DIA. AS I.P.S. FEMALE CONNECTION TO DRAIN VALVE.
 2. INSTALL ONE MANUAL DRAIN VALVE AT LOWEST POINT OF MAINLINE ON SITE, SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

3 MANUAL DRAIN VALVE
 1 1/2" = 1'-0"

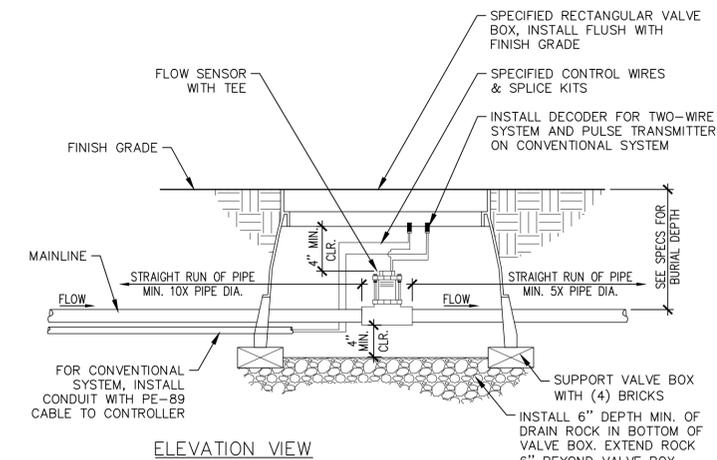
P-QU-17



- NOTES:
1. ALL THE FITTINGS AND PIPE TO BE SAME DIA. AS IPS FEMALE CONNECTION OF QUICK COUPLER.
 2. QUICK COUPLER KEY MUST CLEAR VALVE BOX.

4 QUICK COUPLER VALVE
 1 1/2" = 1'-0"

P-QU-26



- NOTES:
1. INSTALL FLOW SENSOR AS PER THE MANUFACTURER'S RECOMMENDATIONS.
 2. PROVIDE VALVE BOX EXTENSION AS REQUIRED.
 3. INSTALL FLOW SENSOR PERFECTLY PLUMB.

5 FLOW SENSOR
 1 1/2" = 1'-0"

P-QU-11

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Jun 11, 2025 - 4:40pm

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0	10/11/2024	CEP	MMM	JSF	CUP / BSP SUBMITTAL

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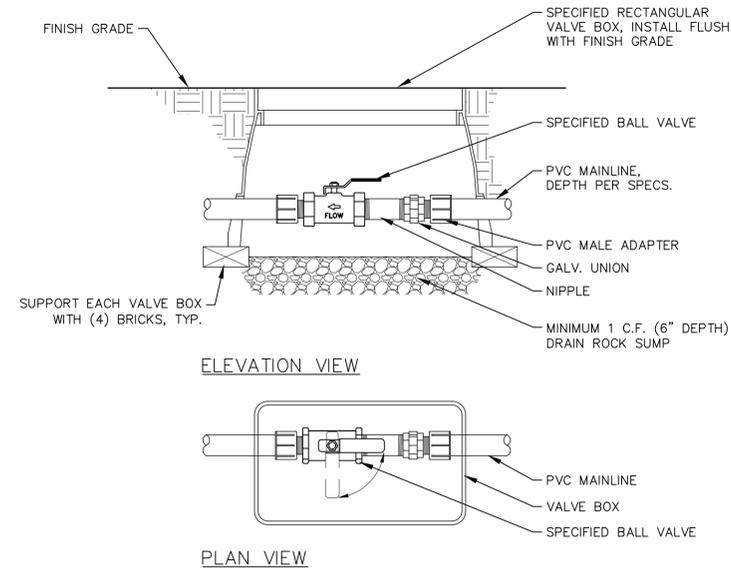


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 ARLINGTON, WASHINGTON

IRRIGATION DETAILS

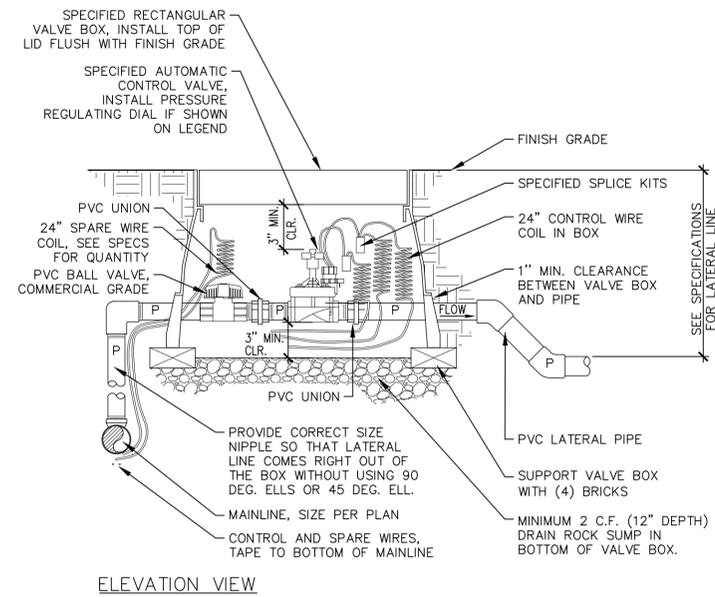
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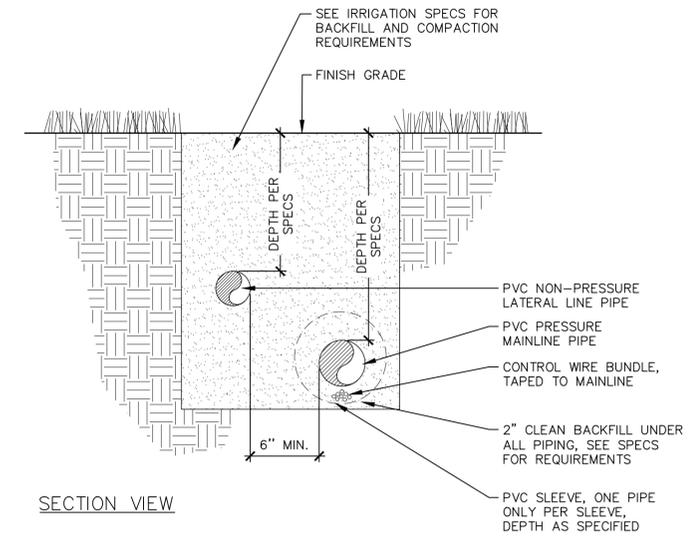
- NOTES:
1. BOX TO BE INSTALLED AS TO ALLOW FOR PROPER OPERATION OF BALL VALVE. INSTALL AT RIGHT ANGLE TO HARDSCAPE EDGE, INSTALL VALVE OFF-CENTER IN BOX.
 2. INSTALL VALVE BOX EXTENSIONS AS REQUIRED FOR PROPER VALVE INSTALLATION AT MAINLINE DEPTH.

1 ISOLATION / SHUT-OFF VALVE
 1 1/2" = 1'-0" P-QU-15



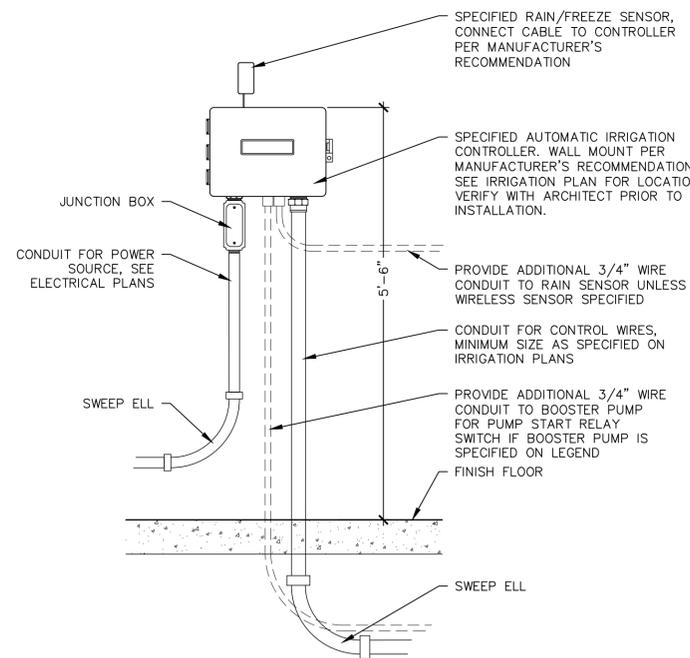
- NOTE:
1. PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.

2 REMOTE CONTROL VALVE - WITH SHUT-OFF
 1 1/2" = 1'-0" P-QU-29

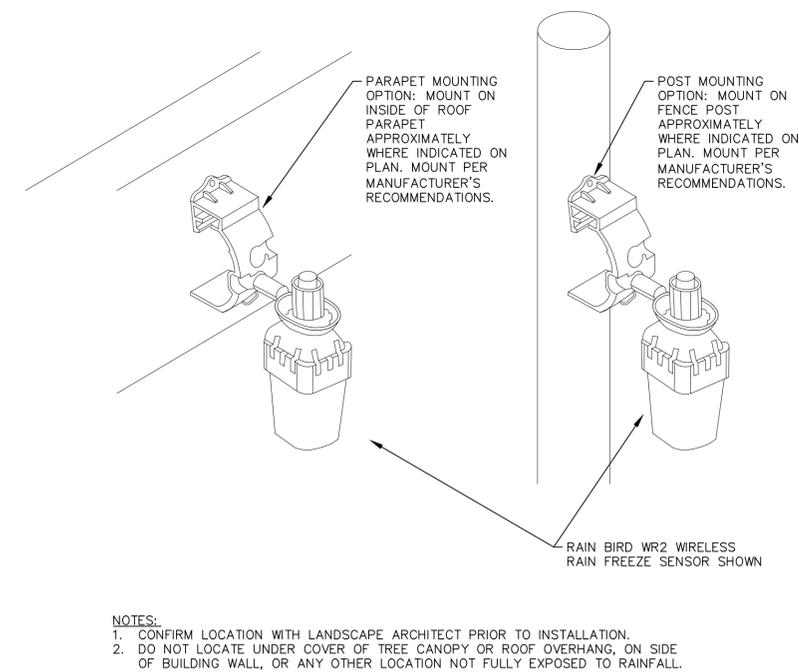


- NOTES:
1. NO OTHER TRADES (ELECT. LIGHTING) ALLOWED TO USE SAME TRENCH AS IRRIGATION PIPE.
 2. PROVIDE 24" COVER FOR DIRECT BURIAL CABLE.
 3. PROVIDE PVC SCH. 40 SLEEVES FOR ALL WIRING AND PIPING UNDER PAVING.
 4. NO STACKING (VERTICALLY) OF PIPES IN SAME TRENCH.

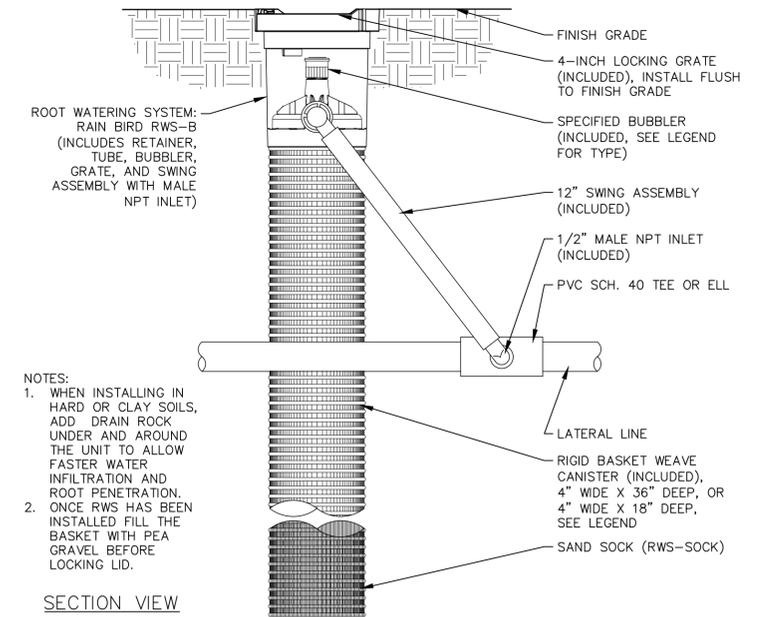
3 PIPE TRENCHING AND BACKFILL
 1 1/2" = 1'-0" P-QU-20



4 IRRIGATION CONTROLLER (WALL MOUNT)
 3/4" = 1'-0" P-QU-13



5 RAIN SENSOR
 3" = 1'-0" P-QU-37



- NOTES:
1. WHEN INSTALLING IN HARD OR CLAY SOILS, ADD DRAIN ROCK UNDER AND AROUND THE UNIT TO ALLOW FASTER WATER INFILTRATION AND ROOT PENETRATION.
 2. ONCE RWS HAS BEEN INSTALLED FILL THE BASKET WITH PEA GRAVEL BEFORE LOCKING LID.

6 ROOT WATERING SYSTEM
 3" = 1'-0" P-QU-30

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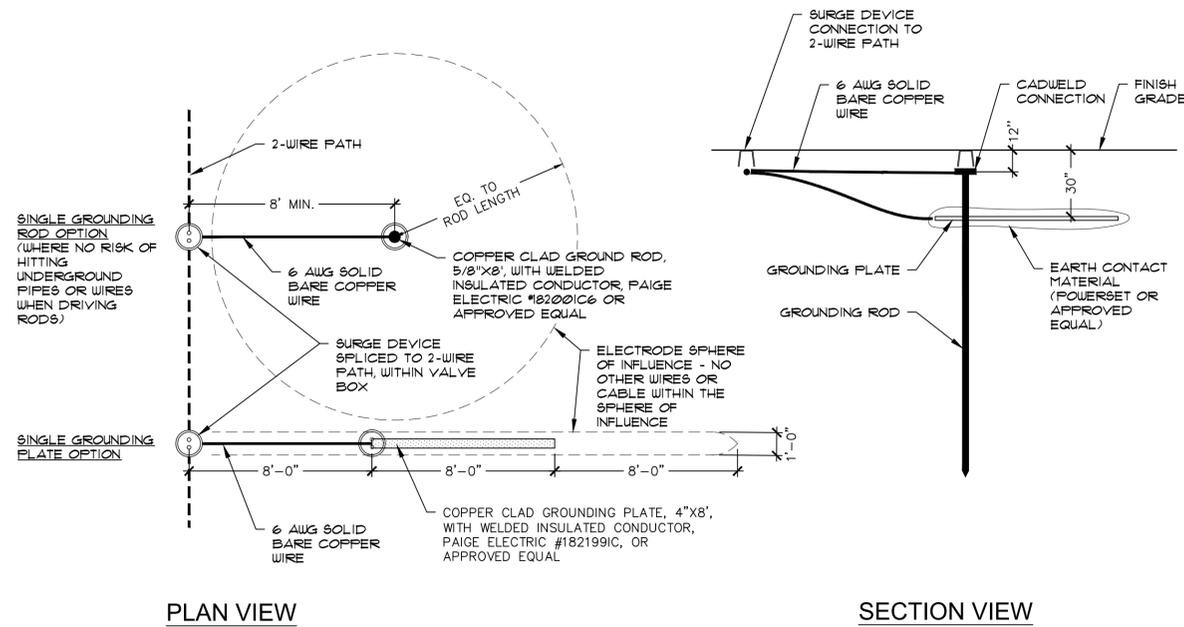
IRRIGATION DETAILS

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EARTH GROUNDING NOTES

- IT IS THE RESPONSIBILITY OF THE INSTALLER TO CONNECT ALL ELECTRONIC IRRIGATION EQUIPMENT FOR WHICH HE IS RESPONSIBLE TO EARTH GROUND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN COMPLIANCE WITH LOCAL ELECTRICAL CODES. FOR RAIN BIRD, REFER TO THEIR DOCUMENT ENTITLED 'GROUNDING FOR 2-WIRE SYSTEMS,' WHICH CAN BE LOCATED ONLINE.
- CONTROLLER SHALL BE PROTECTED AGAINST ELECTRICAL SURGES THROUGH THE PRIMARY GROUND OF THE INCOMING POWER TO THE CONTROLLER.
- FIELD DEVICES OR DECODERS SHALL BE CONNECTED TO A GROUNDING SYSTEM ALONG THE 2-WIRE PATH WITH SURGE DEVICE INTERFACE. MINIMUM SPACING AS NOTED PER MANUFACTURER.
- A PROPERLY INSTALLED GROUNDING SYSTEM SHOULD MAINTAIN A GROUND RESISTANCE OF 10 OHMS OR LESS. GROUND RESISTANCE OCCURS WHEN GROUNDING SYSTEM COMPONENTS, OR THE SOIL ITSELF, OPPOSE THE FLOW OF ELECTRICITY INTO THE EARTH. GROUND RESISTANCE IS MEASURED IN UNITS CALLED OHMS. THE HIGHER THE GROUND RESISTANCE (HIGHER OHM READINGS), THE LESS CHANCE THE SURGE WILL BE SHUNTED TO GROUND RATHER THAN TO THE EQUIPMENT'S ELECTRONIC COMPONENTS. GROUND RESISTANCE CAN BE MEASURED USING A GROUND RESISTANCE TESTER LIKE THE MEGGER DET3TC.
- GROUNDING RODS AND PLATES AS INDICATED ON DETAIL. INSTALL THE CONNECTING WIRE IN AS STRAIGHT A LINE AS POSSIBLE. IF YOU MUST MAKE A TURN OR BEND IN THE WIRE, MAKE THE TURN IN A SWEEPING CURVE WITH A MINIMUM RADIUS OF EIGHT INCHES AND A MINIMUM INCLUDED ANGLE OF 90°. TO MINIMIZE RESISTANCE, THE COPPER WIRE MUST BE PRE-WELDED TO THE GROUNDING RODS, OR WELDED TO THE RODS USING AN EXOTHERMIC WELDING PROCESS AT THE SITE.
- FOR 2-WIRE PATHS IN A "STAR" CONFIGURATION OR WHERE THERE ARE "SPURS," EACH PATH MUST BE TERMINATED WITH A SURGE DEVICE CONNECTED TO A GROUNDING SYSTEM.
- IF USING A SINGLE GROUNDING ROD OR PLATE DOES NOT PROVIDE ADEQUATE GROUNDING WHEN TESTED, OR IF THERE IS INADEQUATE SPACE IN A PARTICULAR LOCATION, UTILIZE ALTERNATE METHODS OR LAYOUTS. THESE MAY INCLUDE A "Y-GRID" WITH ADDITIONAL RODS, GROUND ROD STACKING, IRRIGATING THE SOIL AROUND THE GROUNDING SYSTEM, OR INSTALLING A GROUNDING PLATE PARALLEL TO THE 2-WIRE PATH IN RESTRICTED SPACES.
- MEASURE THE GROUND RESISTANCE AROUND THE GROUNDING SYSTEM AFTER INSTALLATION, AND ONCE EVERY YEAR AFTER GROUNDING CONNECTORS SHOULD BE ACCESSIBLE VIA VALVE BOX FOR YEARLY TESTING WITH A GROUND RESISTANCE TESTER LIKE THE MEGGER DET3TC. INSPECT THE GROUNDING SYSTEM'S CLAMPED CONNECTIONS TO THE EQUIPMENT (NOT THE WELDED GROUNDING SYSTEM CONNECTIONS) ONCE A YEAR TO MAKE SURE THEY ARE SECURE AND CORROSION-FREE.



1 GROUNDING FOR 2-WIRE SYSTEMS
1/4" = 1'-0"

P-QU-39

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IRRIGATION DETAILS

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L3.08