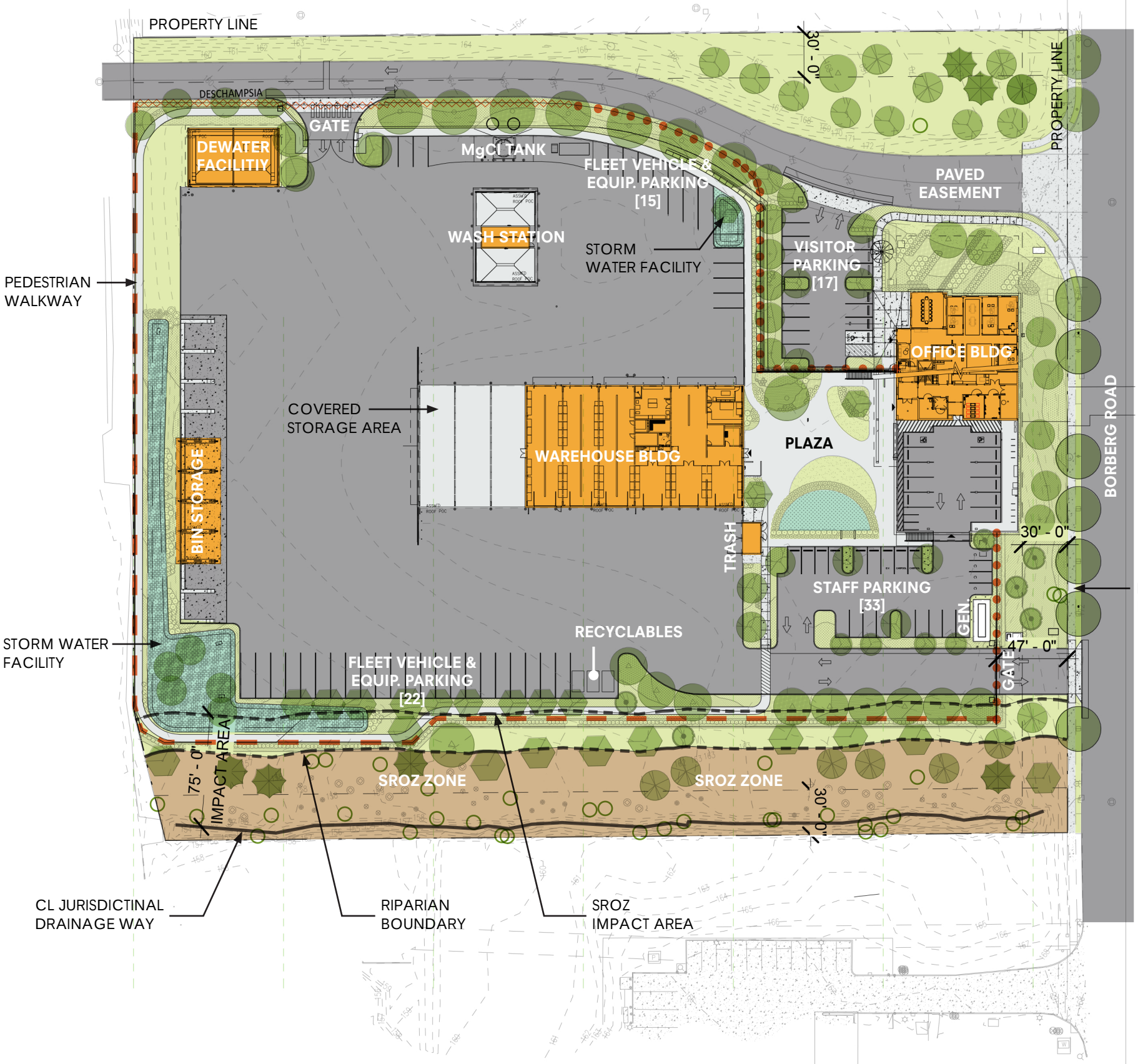


LEGEND

- SECURITY FENCE
- DECORATIVE MTL FENCE
- OPAQUE CHAIN LINK FENCE

City of Wilsonville
Exhibit B9 DB21-0017 et al

WILSONVILLE PUBLIC WORKS COMPLEX

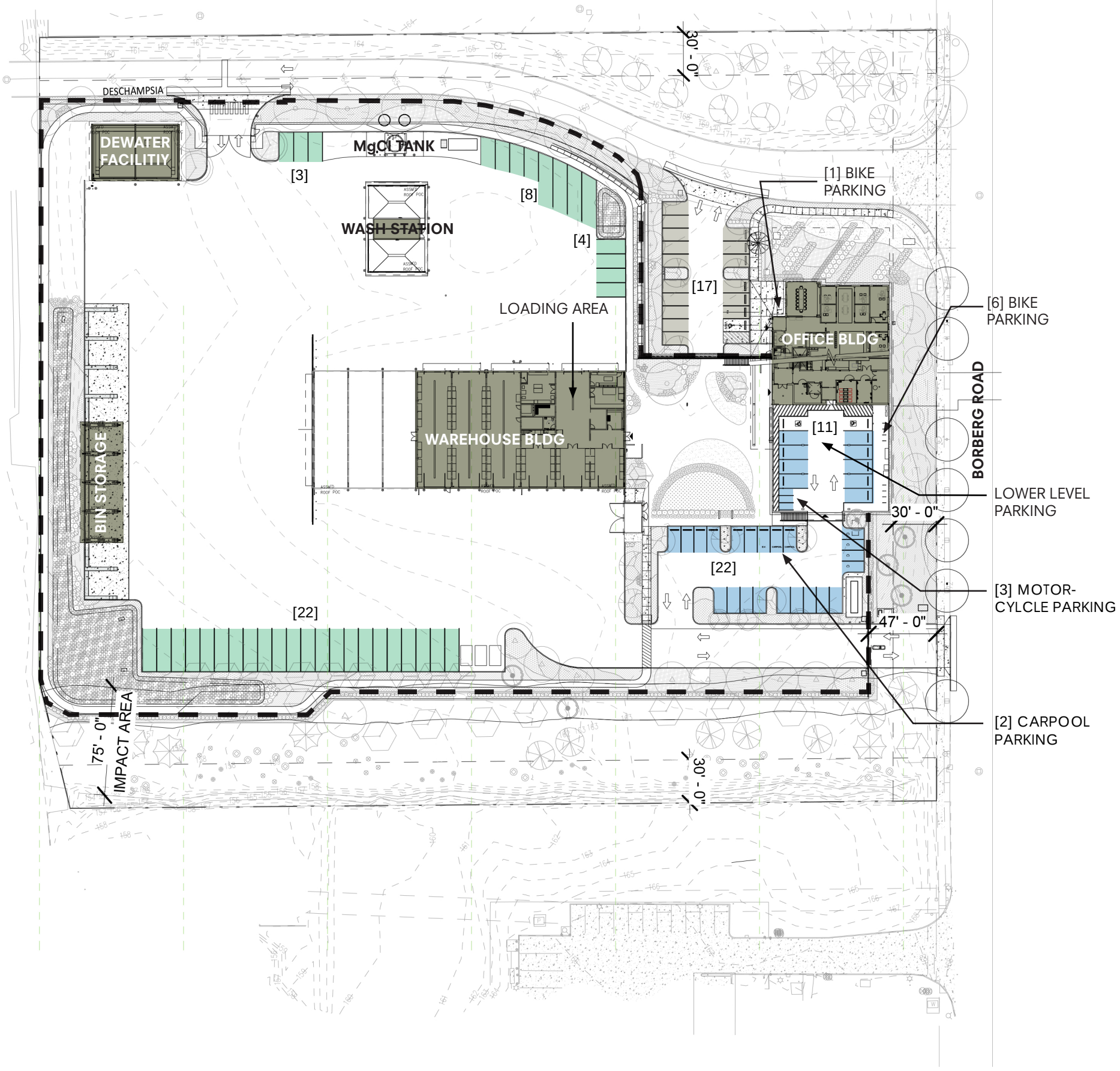
SW BOBERG ROAD
WILSONVILLE, OR 97070
REV 29 SEPTEMBER 2021 | PROJ. NO. 20102

PROPOSED SITE EXHIBIT

SCALE: 1" = 80' 0' 40' 80' 160'

WILSONVILLE OREGON

SCOTT | EDWARDS ARCHITECTURE



PARKING SUMMARY

REQUIRED MIN PARKING SPACES:	48
VISITOR PARKING	16
STAFF PARKING:	31
ACCESSIBLE PARKING:	3
PROPOSED PARKING SPACES:	50
FLEET + EQUIP STORAGE SPACES:	37

LEGEND

- VISITOR PARKING
- STAFF PARKING
- FLEET VEHICLE + EQUIP STORAGE
- SECURITY FENCE

WILSONVILLE PUBLIC WORKS COMPLEX

SW BOBERG ROAD
WILSONVILLE, OR 97070
REV 29 SEPTEMBER 2021 | PROJ. NO. 20102

PARKING SITE EXHIBIT

SCALE: 1" = 80' 0' 40' 80' 160'

WILSONVILLE OREGON

S|E A
SCOTT|EDWARDS ARCHITECTURE

LEGEND

- EXISTING TREE
- NEW TREE
- PLANTING AREA
- STORMWATER FACILITY
- SROZ ZONE
- SECURITY FENCE

WILSONVILLE PUBLIC WORKS COMPLEX

SW BOBERG ROAD
WILSONVILLE, OR 97070
REV 29 SEPTEMBER 2021 | PROJ. NO. 20102

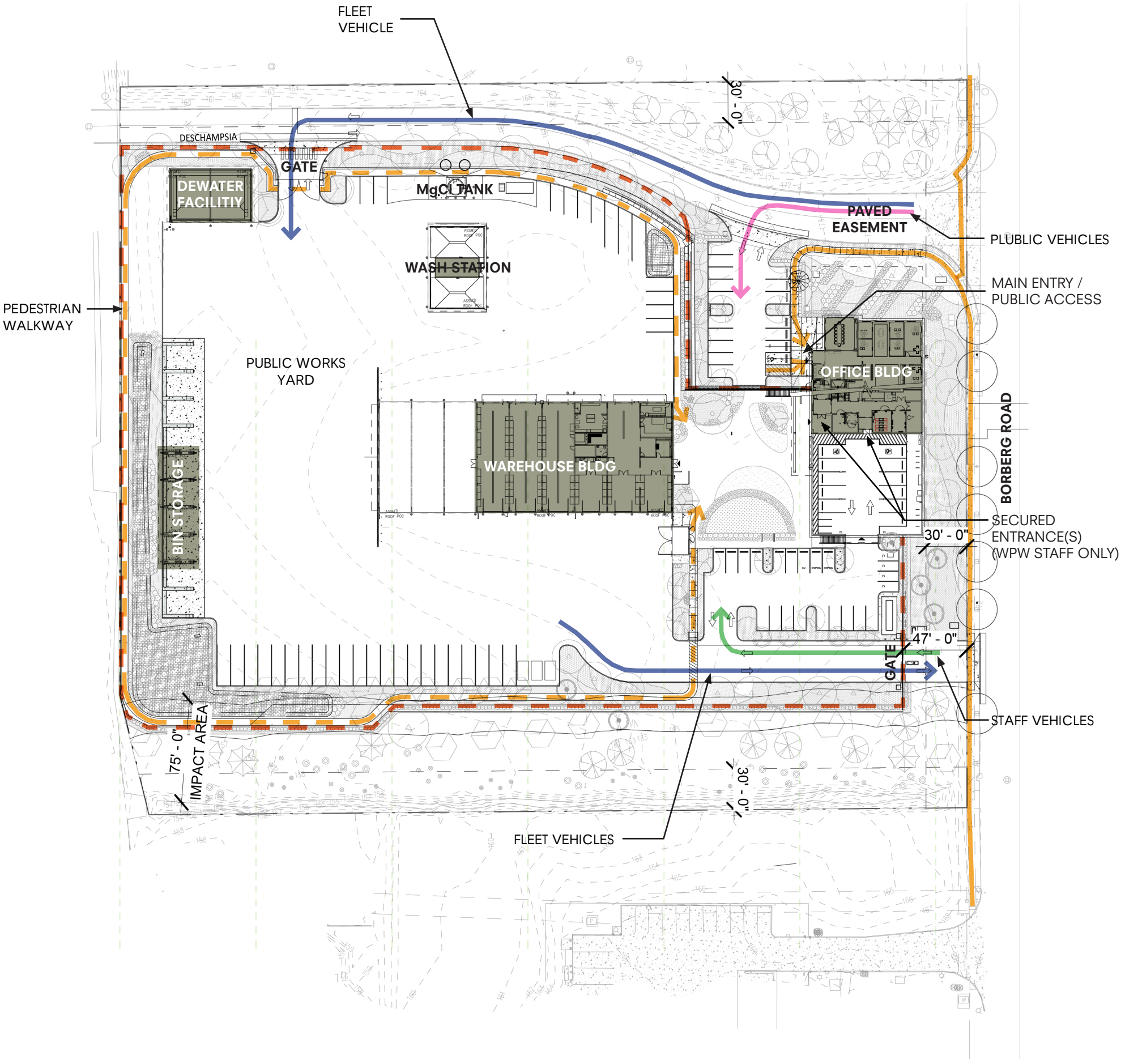
SITE & PARKING LOT COVERAGE EXHIBIT

SCALE: 1" = 80'

0' 40' 80' 160'

WILSONVILLE OREGON

SCOTT | EDWARDS ARCHITECTURE



LEGEND

- SECURITY FENCE
- PUBLIC PEDESTRIAN PATHWAY
- ON-SITE PEDESTRIAN PATHWAY
- FLEET VEHICLES
- PUBLIC VEHICLES
- STAFF VEHICLES

ALL BUILDING ENTRACNES WITHIN THE FENCED YARD ARE SECURED ENTRANCE(S) (WILSONVILLE PW STAFF ONLY)

WILSONVILLE PUBLIC WORKS COMPLEX

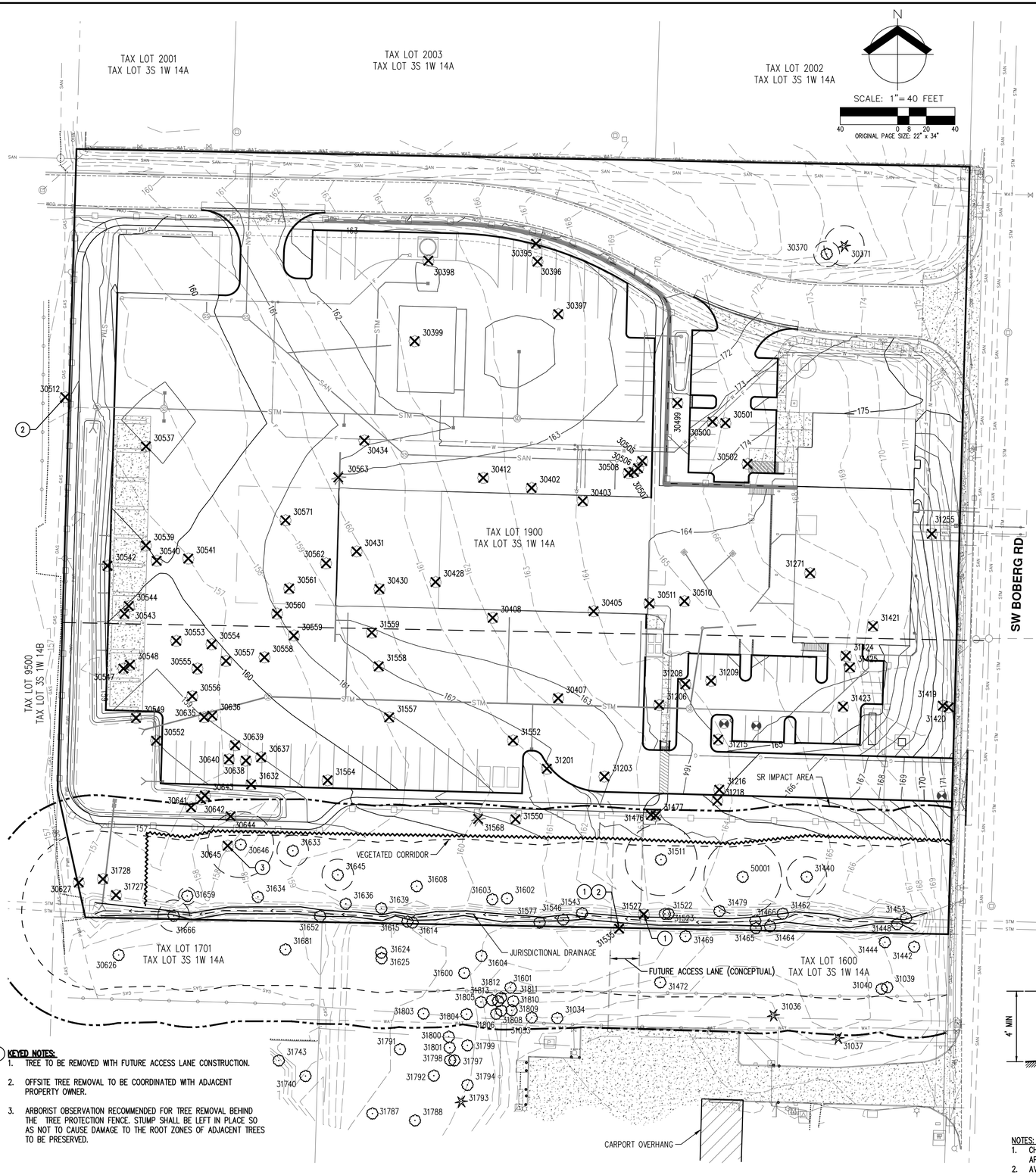
SW BOBERG ROAD
WILSONVILLE, OR 97070
REV 29 SEPTEMBER 2021 | PROJ. NO. 20102

PEDESTRIAN CIRCULATION EXHIBIT

SCALE: 1" = 80' 0' 40' 80' 160'

WILSONVILLE OREGON

SCOTT | EDWARDS ARCHITECTURE



(#) KEYED NOTES:

1. TREE TO BE REMOVED WITH FUTURE ACCESS LANE CONSTRUCTION.
2. OFFSITE TREE REMOVAL TO BE COORDINATED WITH ADJACENT PROPERTY OWNER.
3. ARBORIST OBSERVATION RECOMMENDED FOR TREE REMOVAL BEHIND THE TREE PROTECTION FENCE. STUMP SHALL BE LEFT IN PLACE SO AS NOT TO CAUSE DAMAGE TO THE ROOT ZONES OF ADJACENT TREES TO BE PRESERVED.

TREE PRESERVATION NOTES:

PLACING MATERIALS NEAR TREES:

1. NO PERSON MAY CONDUCT ANY ACTIVITY WITHIN THE TREE PROTECTION AREA OF ANY TREE DESIGNATED TO REMAIN, INCLUDING, BUT NOT LIMITED TO, PARKING EQUIPMENT, PLACING SOLVENTS, STORING BUILDING MATERIAL AND SOIL DEPOSITS, DUMPING CONCRETE WASHOUT.

ATTACHMENTS TO TREES:

1. DURING CONSTRUCTION, NO PERSON SHALL ATTACH ANY OBJECT TO ANY TREE DESIGNATED FOR PROTECTION.

GRADING NEAR TREES:

1. THE GRADE SHALL NOT BE ELEVATED OR REDUCED WITHIN THE TREE PROTECTION AREA OF TREES TO BE PRESERVED WITHOUT THE PROJECT ARBORIST'S AUTHORIZATION. THE PROJECT ARBORIST MAY ALLOW COVERAGE OF UP TO ONE HALF OF THE AREA OF THE TREE'S OPTIMAL TREE ROOT PROTECTION ZONE WITH LIGHT SOILS (NO CLAY) TO THE MINIMUM DEPTH NECESSARY TO CARRY OUT GRADING OR LANDSCAPING PLANS, IF IT WILL NOT IMPERIL THE SURVIVAL OF THE TREE. AERATION DEVICES MAY BE REQUIRED TO ENSURE THE TREE'S SURVIVAL.
2. IF THE GRADE ADJACENT TO A PRESERVED TREE IS RAISED SUCH THAT IT COULD SLOUGH OR ERODE INTO THE TREE PROTECTION AREA, IT SHALL BE PERMANENTLY STABILIZED TO PREVENT SUFFOCATION OF THE ROOTS.
3. THE APPLICANT SHALL NOT INSTALL AN IMPERVIOUS SURFACE WITHIN THE TREE PROTECTION AREA WITHOUT THE AUTHORIZATION OF THE PROJECT ARBORIST. THE PROJECT ARBORIST MAY REQUIRE SPECIFIC CONSTRUCTION METHODS AND/OR USE OF AERATION DEVICES TO ENSURE THE TREE'S SURVIVAL AND TO MINIMIZE THE POTENTIAL FOR ROOT INDUCED DAMAGE TO THE IMPERVIOUS SURFACE.
4. TO THE GREATEST EXTENT PRACTICAL, UTILITY TRENCHES SHALL BE LOCATED OUTSIDE OF THE TREE PROTECTION AREA. THE PROJECT ARBORIST MAY REQUIRE THAT UTILITIES BE TUNNELED UNDER THE ROOTS OF TREES TO BE RETAINED IF THE PROJECT ARBORIST DETERMINES THAT TRENCHING WOULD SIGNIFICANTLY REDUCE THE CHANCES OF THE TREE'S SURVIVAL.
5. TREES AND OTHER VEGETATION TO BE RETAINED SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. CLEARING OPERATIONS SHALL BE CONDUCTED SO AS TO EXPOSE THE SMALLEST PRACTICAL AREA OF SOIL FOR THE LEAST POSSIBLE AMOUNT OF TIME. SHRUBS, GROUND COVER, AND STUMPS SHALL BE MAINTAINED TO CONTROL EROSION, WHERE FEASIBLE. WHERE NOT FEASIBLE, APPROPRIATE EROSION CONTROL PRACTICES SHALL BE IMPLEMENTED.

ADDITIONAL REQUIREMENTS:

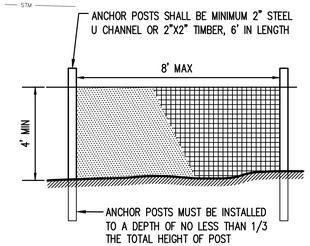
1. THE PROJECT ARBORIST MAY REQUIRE ADDITIONAL TREE PROTECTION MEASURES WHICH ARE CONSISTENT WITH ACCEPTED URBAN FORESTRY PRACTICES.

EXCAVATION WITHIN ASSUMED TREE ROOT ZONES:

1. EXCAVATION IN THE TOP 24 INCHES OF SOIL IN THE ASSUMED TREE ROOT ZONE SHOULD BEGIN AT THE EXCAVATION LINE THAT IS CLOSEST TO THE TREE.
2. THE EXCAVATION SHOULD BE DONE BY HAND/SHOVEL OR WITH AN EXCAVATOR AND A PERSON WITH A SHOVEL, PRUNING SHEARS, AND A PRUNING SAW.
3. IF DONE BY HAND, ALL ROOTS 1-INCH DIAMETER OR LARGER SHOULD BE PRUNED AT THE EXCAVATION LINE.
4. IF DONE WITH AN EXCAVATOR (MOST LIKELY SCENARIO), THEN THE OPERATOR SHALL START THE CUT AT THE EXCAVATION LINE AND CAREFULLY "FEEL" FOR ROOTS/RESISTANCE. WHEN THERE IS RESISTANCE, THE PERSON WITH THE SHOVEL HAND DIGS AROUND THE ROOTS AND PRUNES THE ROOTS 1-INCH DIAMETER OR LARGER.
5. THE EXCAVATOR IS TO REMAIN OFF OF THE TREE ROOTS TO BE PRESERVED AT ALL TIMES.
6. ALL ROOTS SHALL BE CUT CLEANLY WITH PRUNING SHEARS OR A PRUNING SAW.
7. THE PROJECT ARBORIST MUST BE ON SITE DURING ANY WORK WITHIN THE TREE PROTECTION AREA.

PRUNING/TREE REMOVAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE CREW OF PERSONNEL, EQUIPMENT, AND MATERIALS TO SAFELY AND EFFICIENTLY COMPLETE THE ASSIGNED WORK. EACH SUCH CREW SHALL INCLUDE AN INDIVIDUAL WHO SHALL BE DESIGNATED AS THE CREW SUPERVISOR, BE RESPONSIBLE FOR THE CREW'S ACTIVITIES, RECEIVE INSTRUCTION FROM THE OWNER OR THE OWNER'S REPRESENTATIVE, AND DIRECT THE CREW TO ACCOMPLISH SUCH WORK.
2. WHENEVER A TREE, WHICH IS NOT SCHEDULED TO BE REMOVED, MUST BE TRIMMED OR PRUNED, THE CONTRACTOR SHALL ENSURE THAT SUCH TRIMMING AND PRUNING IS CARRIED OUT UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST. ALL PRUNING AND TRIMMING SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF ANSI A300 "STANDARD PRACTICES FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE".
3. UNLESS AS OTHERWISE DIRECTED BY THE OWNER, ROOT BALLS FROM TREES BEING REMOVED SHALL BE COMPLETELY REMOVED UNLESS THE ROOT REMOVAL CROSSES ONTO ADJACENT PROPERTIES OR WOULD COMPROMISE TREES BEING PRESERVED. IN THOSE CASES, THE STUMPS SHALL BE GROUND AS NECESSARY SO AS NOT TO CAUSE DAMAGE TO THE ROOT ZONES OF ADJACENT TREES TO BE PRESERVED ON THE SUBJECT PARCEL OR ABUTTING PARCELS. STUMPS NEAR PROPERTY LINES SHALL ALSO BE GROUND AS NECESSARY SO AS NOT TO CAUSE DISTURBANCE TO ADJACENT PARCELS.
4. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST GOVERNMENTAL SAFETY REGULATIONS. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ANSI Z133.1 "PRUNING, TRIMMING, REPAIRING, MAINTAINING AND REMOVING TREES AND CUTTING BRUSH-SAFETY REQUIREMENTS" WITH SPECIAL EMPHASIS GIVEN TO THE REQUIREMENT THAT ONLY QUALIFIED LINE-CLEARANCE TREE TRIMMERS BE ASSIGNED TO WORK WHERE A POTENTIAL ELECTRICAL HAZARD EXISTS.
5. THE CONTRACTOR SHALL MAKE ALL THE NECESSARY ARRANGEMENTS WITH ANY UTILITY THAT MUST BE PROTECTED OR RELOCATED IN ORDER TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF THE OPERATING CONDITION OF ALL ACTIVE UTILITIES WITHIN THE AREA OF CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES.
6. ANY MATERIAL RESULTING FROM THE TRIMMING OR REMOVAL OF ANY TREES SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF.
7. HAZARDOUS TREE REPORTING: ANY PERSON ENGAGED IN TRIMMING OR PRUNING WHO BECOMES AWARE OF A TREE OF DOUBTFUL STRENGTH, THAT COULD BE DANGEROUS TO PERSONS AND PROPERTY, SHALL REPORT SUCH TREE(S) TO THE OWNER OR THE OWNER'S REPRESENTATIVE. SUCH TREES SHALL INCLUDE THOSE THAT ARE OVER MATURE, DISEASED, OR SHOWING SIGNS OF DECAY OR OTHER STRUCTURAL WEAKNESS.
8. TREES DETERMINED TO BE A HAZARD SHALL BE REMOVED AS SOON AS POSSIBLE.
9. DAMAGES: ANY DAMAGE CAUSED BY THE CONTRACTOR, INCLUDING, BUT NOT LIMITED TO, BROKEN SIDEWALK, CURB, RUTTED LAWN, BROKEN WATER SHUT-OFFS, WIRE DAMAGE, BUILDING DAMAGE, STREET DAMAGE, ETC., WILL BE REPAIRED OR REPLACED IN A TIMELY MANNER, TO THE OWNER'S SATISFACTION, AND ALL COSTS PAID BY THE CONTRACTOR.
10. ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION AREA SHALL BE ACCOMPLISHED WITH HAND OPERATED EQUIPMENT.
11. TREES TO BE REMOVED SHALL BE FELLED SO AS TO FALL AWAY FROM OPTIMAL TREE ROOT PROTECTION ZONES AND TO AVOID PULLING AND BREAKING OF ROOTS TO REMAIN. DIRECTIONAL FELLING OF TREES SHALL BE USED TO AVOID DAMAGE TO TREES DESIGNATED FOR RETENTION.
12. ALL DOWNED BRUSH AND TREES SHALL BE REMOVED FROM THE TREE PROTECTION AREA EITHER BY HAND OR WITH EQUIPMENT STAGED OUTSIDE OF THE TREE PROTECTION AREA. EXTRACTION SHALL OCCUR BY LIFTING THE MATERIAL OUT, NOT BY SKIDDING IT ACROSS THE GROUND.
13. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER TREE PROTECTION AREA, A ROADBED OF STEEL PLATES, OR 6 INCHES OF MULCH, OR 6 INCHES OF GRAVEL SHALL BE PLACED TO PREVENT SOIL COMPACTION IF DETERMINED NECESSARY BY THE PROJECT ARBORIST. THE ROADBED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN A 6-INCH DEPTH.
14. PRUNING: THE CONTRACTOR SHALL CONSULT WITH THE PROJECT ARBORIST PRIOR TO ANY PRUNING ACTIVITIES NECESSARY FOR CONSTRUCTION ACTIVITIES. ALL PRUNING ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH ANSI A300 PRUNING STANDARDS. PRUNING SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
15. CUT BRANCHES AND ROOTS WITH SHARP PRUNING INSTRUMENTS THAT DO NOT CHOP OR TEAR.
16. FENCING SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES, INCLUDING, BUT NOT LIMITED TO CLEARING, GRADING, EXCAVATION, OR DEMOLITION WORK, AND SHALL BE REMOVED ONLY AFTER THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES, INCLUDING LANDSCAPING AND IRRIGATION INSTALLATION.
17. TREE PROTECTION FENCING SHALL BE FLUSH WITH THE INITIAL UNDISTURBED GRADE.



TREE PROTECTION FENCE

NOTES:
1. CHAIN LINK FENCE FOR TREE PROTECTION DEVICE OR APPROVED EQUAL.
2. AVOID DAMAGE TO CRITICAL ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
3. DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

LEGEND

- EXISTING GROUND CONTOUR (1 FT) — 149 —
- EXISTING GROUND CONTOUR (5 FT) — 150 —
- FINISHED GRADE CONTOUR (1 FT) —— 149 ——
- FINISHED GRADE CONTOUR (5 FT) —— 150 ——
- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- TREE REMOVAL
- TREE PROTECTION FENCE (TREE PROTECTION AREA)
- ASSUMED TREE ROOT ZONE (1-FT RADIUS PER 1-IN OF DBH)

CERTIFIED ARBORIST ISA

PRELIMINARY NOT FOR CONSTRUCTION

BRUCE R. BALDWIN
CERTIFICATE NUMBER: PN-6666A
EXPIRATION DATE: 12/31/23

AKS ENGINEERING & FORESTRY, LLC
12965 SW HERMAN RD, STE 100
TUALATIN, OR 97062
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AKS ENGINEERING - SURVEYING - NATURAL RESOURCES
FORESTRY - PLANNING - LANDSCAPE ARCHITECTURE

SW BOBERG RD
CITY OF WILSONVILLE
OREGON
TAX MAP 3 1 W 14A
WILSONVILLE
CLACKAMAS COUNTY TAX LOTS 1800 & 1900

TREE PRESERVATION AND REMOVAL PLAN

DESIGNED BY:	
DRAWN BY:	BRK
MANAGED BY:	BRB
CHECKED BY:	BRB
DATE: 09/21/2021	

REVISIONS

JOB NUMBER 5590

SHEET 1 OF 2

AKS DRAWING FILE: 5590 TREE.DWG | LAYOUT: LAYOUT1

Detailed Tree Inventory for SW Boberg Road

AKS Job No. 5590 - Evaluation Date: 05/09/2019 - Evaluated by: BRK

Tree #	DBH (in.)	Avg. Crown Radius (ft)	Height (ft)	Tree Species Common Name (*Scientific name*)	Comments	Health Rating*	Structure Rating**	Remove/Preserve
30370	9	16	32	Oregon White Oak (*Quercus garryana*)	Very Crooked	1	2	Preserve
30371	14	13	32	Douglas-fir (*Pseudotsuga menziesii*)		1	1	Preserve
30395	7, 8	16	44	European White Birch (*Betula pendula*)	Codominant top and base; Slight Lean (SW); Included bark; Crooked	1	2	Remove
30396	7, 16	18	65	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark; Epicormic sprouts	1	2	Remove
30397	8, 11	14	34	Black Cottonwood (*Populus trichocarpa*)	Codominant w/included bark; Dead branches near base; Codominant 5' up	1	2	Remove
30398	8, 11, 11	14	45	Black Cottonwood (*Populus trichocarpa*)	Codominant; Exposed roots w/ damage	1	2	Remove
30399	11	15	40	European White Birch (*Betula pendula*)		1	1	Remove
30402	8	12	30	European White Birch (*Betula pendula*)	Sweep; Lean (SW);Many dead branches; Pruning scars	2	2	Remove
30403	8, 9	13	32	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark	1	2	Remove
30405	9	14	35	European White Birch (*Betula pendula*)	Bore holes; Very crooked; Abnormal dead branches; Codominant w/ included bark	2	2	Remove
30407	8	13	30	Black Cottonwood (*Populus trichocarpa*)	1-sided canopy	1	2	Remove
30408	6	11	22	Black Cottonwood (*Populus trichocarpa*)	Codominant w/included bark; Very crooked; Small cavity	1	2	Remove
30412	9, 11	15	40	Black Cottonwood (*Populus trichocarpa*)	Codominant w/included bark	1	2	Remove
30428	11	15	41	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30430	7	9	23	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30431	8	12	38	Black Cottonwood (*Populus trichocarpa*)	Large dead branches near base; Sparse foliage	2	1	Remove
30434	9, 10	15	40	European White Birch (*Betula pendula*)	Codominant; Crooked; Codominant top; Sweep	1	2	Remove
30499	9, 10	12	40	Black Cottonwood (*Populus trichocarpa*)	Codominant; Epicormic sprouts; Some dead foliage; Included bark	2	2	Remove
30500	11, 13	15	30	Sweet Cherry (*Prunus avium*)	Codominant; Crooked; Many dead branches	2	2	Remove
30501	13	15	30	Sweet Cherry (*Prunus avium*)	Codominant; Crooked; Many dead branches; 1-sided canopy	2	2	Remove
30502	9, 8, 8, 8, 8,	20	35	Willow (*Salicaceae sp.*)	90% dead	3	3	Remove
30505	8	15	25	Sweet Cherry (*Prunus avium*)	Codominant w/ included bark; Codominant top; Some abnormal dead branches	2	2	Remove
30506	8	15	25	Sweet Cherry (*Prunus avium*)	Codominant w/ included bark	1	2	Remove
30507	9	15	25	Sweet Cherry (*Prunus avium*)	Codominant w/ included bark	1	2	Remove
30508	10	16	25	Sweet Cherry (*Prunus avium*)	Codominant w/ included bark	1	2	Remove
30510	12	16	28	Black Cottonwood (*Populus trichocarpa*)	Sparse foliage; 5' long cavity; Crooked; Some decay; Abnormal dead branches	2	2	Remove
30511	13	13	20	Sweet Cherry (*Prunus avium*)	Codominant w/ 3 large stems; Included bark; Codominant top	1	2	Remove
30512	6, 7, 13	14	17	Willow (*Salicaceae sp.*)	**OFFSITE**; Codominant; Many dead branches	2	2	Remove
30537	6, 7, 9, 10, 11	0	35	Willow (*Salicaceae sp.*)	Dead w/ epicormic sprouts	3	3	Remove
30539	6	0	35	Willow (*Salicaceae sp.*)	Dead w/ epicormic sprouts	3	3	Remove
30540	6	9	20	Black Cottonwood (*Populus trichocarpa*)	Slight lean (S); 1-sided canopy	1	2	Remove
30541	12, 14	15	50	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark	1	2	Remove
30542	7	5	20	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30543	7	0	18	Willow (*Salicaceae sp.*)	Dead	3	3	Remove
30544	9	10	27	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30547	8	13	45	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30548	6	13	45	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ 4" stem; Some splitting at the included bark; 4" stem lean (E)	1	2	Remove
30549	6	10	20	Willow (*Salicaceae sp.*)	Many dead branches; Codominant w/ many stems; Epicormic sprouts	2	2	Remove
30552	6	10	30	Willow (*Salicaceae sp.*)	Many dead branches; Codominant w/ many stems; Epicormic sprouts	2	2	Remove
30553	10	12	30	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30554	8	9	37	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30555	6, 7	0	25	European White Birch (*Betula pendula*)	Dead	3	3	Remove
30556	7, 10	15	40	Black Cottonwood (*Populus trichocarpa*)	Codominant	1	2	Remove
30557	6, 7	7	30	European White Birch (*Betula pendula*)	Codominant; Two dead Codominant stems; 6" stem still alive w/ dead top	3	3	Remove
30558	6, 9, 9	12	31	Willow (*Salicaceae sp.*)	Dead top; Many codominant stems; In decline	2	2	Remove
30559	6, 6	8	30	European White Birch (*Betula pendula*)	Codominant; One dead stem w/ lean (W); Dead top on other stem	2	2	Remove
30560	9, 13	16	50	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ 3' of included bark; Slight lean (W); Dead codominant stem at base	1	2	Remove
30561	6, 6	10	38	European White Birch (*Betula pendula*)	Lean (N&S); Sweep; Dead tops	2	2	Remove
30562	9	12	35	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30563	17	17	30	Scots Pine (*Pinus sylvestris*)	3 large Codominant stems; Large dead branch at base; Dead branches; Sap flow	2	2	Remove
30571	9, 8, 7, 7, 7, 6, 6, 6, 6	9	20	Willow (*Salicaceae sp.*)	Codominant; 90% dead	3	3	Remove
30626	6, 6, 11	14	32	Willow (*Salicaceae sp.*)	**OFFSITE**; Codominant; Large 2' cavity; Dead branches	2	2	Preserve
30627	6, 13	16	40	Black Cottonwood (*Populus trichocarpa*)	3' cavity; Codominant top	1	2	Remove
30635	13	0	25	Black Cottonwood (*Populus trichocarpa*)	Dead	3	3	Remove
30636	7	7	28	Black Cottonwood (*Populus trichocarpa*)	Codominant 4' up; Dead 3" codominant stem; Codominant top; Included bark	2	2	Remove
30637	11	16	42	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30638	8	13	25	Black Cottonwood (*Populus trichocarpa*)	Codominant top; Some dead branches	1	2	Remove
30639	7	12	25	Black Cottonwood (*Populus trichocarpa*)	Abnormal dead branches	2	1	Remove
30640	8	12	25	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30641	8	12	26	Black Cottonwood (*Populus trichocarpa*)	Some dead foliage	2	1	Remove
30642	7	8	20	Willow (*Salicaceae sp.*)	Codominant w/ 2" stems; Dead tops w/ sparse foliage	3	3	Remove
30643	7, 8	11	30	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark; Sweep; Lean (NW); Dead top on 7" stem	2	2	Remove
30644	6	9	35	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
30645	9	0	35	Black Cottonwood (*Populus trichocarpa*)	Dead	3	3	Remove
30646	23	21	43	Black Cottonwood (*Populus trichocarpa*)	Large abnormal dead branches	2	1	Remove
31033	24	17	60	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; 50% ivy coverage; Crooked; Dead branches; Codominant top	2	2	Preserve
31034	17, 24	23	62	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; 24" stem 50% ivy coverage; Codominant w/ included bark; 17" stem lean (S)	1	2	Preserve
31036	13	15	37	Scots Pine (*Pinus sylvestris*)	**OFFSITE**; Codominant 7' up w/ included bark; Bore holes	1	2	Preserve
31037	15	13	48	Douglas-fir (*Pseudotsuga menziesii*)	**OFFSITE**	1	1	Preserve
31039	18	15	53	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**	1	1	Preserve
31040	8	10	27	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (E); 1-sided canopy; Codominant top	1	2	Preserve
31201	6	10	23	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ 5" stem; Slight lean (W)	1	2	Remove
31203	9	14	45	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ 5" stem; Slight lean (W)	1	2	Remove
31206	7, 10	11	38	Black Cottonwood (*Populus trichocarpa*)	Codominant; Slight lean (SW)	1	2	Remove
31208	22	23	60	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
31209	7	12	30	Black Cottonwood (*Populus trichocarpa*)	Crooked; Lean (E)	1	2	Remove
31215	10, 11	18	39	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark	1	2	Remove
31216	12, 20	21	50	Black Cottonwood (*Populus trichocarpa*)	Crooked; Codominant top; Dead and broken branches; 12" stem heavy lean (W); Sluffing bark; Large 2' cavity	2	2	Remove
31218	22	20	50	Black Cottonwood (*Populus trichocarpa*)	Large dead branches ~20' up; Codominant 25' up w/ included bark; Slight lean (S)	2	2	Remove
31255	6	12	20	English Hawthorn (*Crataegus laevigata*)	Codominant w/ 5" stem	1	2	Remove
31271	6	15	27	English Hawthorn (*Crataegus laevigata*)	Codominant w/ 5" stem	1	2	Remove
31419	15, 16, 22	20	55	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark; 1' cavity on the 22" stem	1	2	Remove
31420	9	15	40	Black Cottonwood (*Populus trichocarpa*)	Lean (E); crooked; Codominant top	1	2	Remove
31421	6	12	20	Willow (*Salicaceae sp.*)	Heavy lean (E); Codominant; Some dead branches	1	2	Remove
31423	6	10	16	Willow (*Salicaceae sp.*)	Crooked; Lean (W&N); Many Codominant stems; Many dead branches	2	2	Remove
31424	6	10	16	Willow (*Salicaceae sp.*)	Crooked; Lean (W&N); Many Codominant stems; Many dead branches	2	2	Remove
31425	7, 7, 7	10	16	Willow (*Salicaceae sp.*)	Crooked; Lean (W&N); Many Codominant stems; Many dead branches	2	2	Remove
31440	8, 11, 14	18	42	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark; Slight lean (S)	1	2	Preserve
31442	6, 7	10	25	Sweet Cherry (*Prunus avium*)	**OFFSITE**; 90% ivy coverage causing decline in health; Codominant base and top; 7" stem lean (N)	2	2	Preserve
31444	8, 20	19	60	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; 50% ivy coverage	1	1	Preserve
31448	11, 11	7	25	Willow (*Salicaceae sp.*)	Codominant w/ one dead stem; Splitting at included bark; One stem mostly dead	3	3	Preserve
31453	10	12	40	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ 5" stem; Lean (E)	1	2	Preserve
31462	8	8	35	Red Alder (*Alnus rubra*)	Some dead branches	1	1	Preserve
31464	7	10	36	Red Alder (*Alnus rubra*)	1-sided canopy; Abnormal dead branches	2	1	Preserve
31465	7	11	36	Red Alder (*Alnus rubra*)	Sweep; Codominant 5' up w/included bark; 1 stem has decay; Dead branches on both	2	2	Preserve
31466	7	8	35	Willow (*Salicaceae sp.*)	95% dead; Epicormic stems	3	3	Preserve
31469	15, 14, 14, 8, 7	23	55	Bigleaf Maple (*Acer macrophyllum*)	**OFFSITE**; Large codominant stems with included bark; Codominant top	1	2	Preserve
31472	6	12	35	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Large exposed root	1	1	Preserve
31476	6	27	0	Sweet Cherry (*Prunus avium*)	Dead	3	3	Remove
31477	6	27	7	Sweet Cherry (*Prunus avium*)	Codominant w/ included bark; Many dead branches; Sparse foliage; In decline	3	2	Remove
31479	7	15	41	Black Cottonwood (*Populus trichocarpa*)	Epicormic sprouts; Some dead foliage	2	1	Preserve
31511	25	21	55	Black Cottonwood (*Populus trichocarpa*)		1	1	Preserve
31522	10	14	47	Willow (*Salicaceae sp.*)	Large 2' cavity w/ decay; Broken codominant stem w/ decay; Dead top	3	3	Preserve
31523	9	14	47	Willow (*Salicaceae sp.*)	Dead branches; Lean (N); Crooked; Codominant top	2	2	Preserve
31527	8, 7, 7, 6, 6	14	38	Willow (*Salicaceae sp.*)	Dead top; Codominant w/ many stems; In decline	3	2	Remove

Detailed Tree Inventory for SW Boberg Road

AKS Job No. 5590 - Evaluation Date: 05/09/2019 - Evaluated by: BRK

Tree #	DBH (in.)	Avg. Crown Radius (ft)	Height (ft)	Tree Species Common Name (*Scientific name*)	Comments	Health Rating*	Structure Rating**	Remove/Preserve
31535	13, 14	18	40	Red Alder (*Alnus rubra*)	**OFFSITE**; Codominant with included bark; Dead tops; Sluffing bark; Broken and dead branches; Several cavities	2	2	Remove
31543	18, 16, 12, 12, 7	16	50	Black Cottonwood (*Populus trichocarpa*)	Codominant; Crooked and lean in all stems	1	2	Preserve
31546	19	18	50	Black Cottonwood (*Populus trichocarpa*)	Codominant ~30' up w/ included bark	1	2	Preserve
31550	11, 12	16	47	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark; Some dead foliage	2	2	Remove
31552	6	12	20	Black Cottonwood (*Populus trichocarpa*)	Some dead foliage	2	1	Remove
31557	8	13	46	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
31558	7	10	25	Black Cottonwood (*Populus trichocarpa*)	Some dead branches; Codominant at base; Crooked; Some dead foliage	2	2	Remove
31559	10	14	32	Black Cottonwood (*Populus trichocarpa*)	2 Codominant stems at base	1	2	Remove
31564	18	18	45	Black Cottonwood (*Populus trichocarpa*)		1	1	Remove
31568	11	15	42	Douglas-fir (*Pseudotsuga menziesii*)		1	1	Remove
31577	6	6	40	Black Cottonwood (*Populus trichocarpa*)	Lean (W); Abnormal dead branches	2	2	Preserve
31600	6	8	37	Bigleaf Maple (*Acer macrophyllum*)	**OFFSITE**	1	1	Preserve
31601	7, 7	10	31	English Hawthorn (*Crataegus laevigata*)	**OFFSITE**; Very crooked; Dead branches; Large dead stem; Sluffing bark	2	2	Preserve
31602	14	21	55	Black Cottonwood (*Populus trichocarpa*)		1	1	Preserve
31603	17	21	55	Black Cottonwood (*Populus trichocarpa*)		1	1	Preserve
31604	6	8	40	Sweet Cherry (*Prunus avium*)	**OFFSITE**; Crooked; Codominant 20' up	1	2	Preserve
31608	9, 8, 8, 8, 7, 7, 6, 6	18	41	Willow (*Salicaceae sp.*)	Abnormal dead branches; Large scars	2	2	Preserve
31614	6	5	29	English Hawthorn (*Crataegus laevigata*)	90% dead; Decay; Many dead branches; Little foliage	3	3	Preserve
31615	9	0	37	Red Alder (*Alnus rubra*)	Dead	3	3	Preserve
31624	6	8	32	Willow (*Salicaceae sp.*)	**OFFSITE**; 90% dead; Codominant w/ included bark	3	3	Preserve
31625	6	8	32	Willow (*Salicaceae sp.*)	**OFFSITE**; 90% dead; Codominant w/ included bark	3	3	Preserve
31632	7	6	35	Black Cottonwood (*Populus trichocarpa*)	Large dead and broken stem at base; Some dead foliage; In decline; Crooked	2	2	Remove
31633	7, 11	14	37	Black Cottonwood (*Populus trichocarpa*)	Codominant; 7" has lean (E)	1	2	Preserve
31634	7	8	40	Black Cottonwood (*Populus trichocarpa*)		1	1	Preserve
31636	11, 11	13	60	Black Cottonwood (*Populus trichocarpa*)	Codominant w/ included bark	1	2	Preserve
31639	18	15	60	Black Cottonwood (*Populus trichocarpa*)		1	1	Preserve
31645	8, 11	20	45	Black Cottonwood (*Populus trichocarpa*)	8" stem is dead; Codominant	2	2	Preserve
31652	6, 8	14	25	Willow (*Salicaceae sp.*)	Codominant w/ a broken decayed stem; Many dead branches; In decline	3	2	Preserve
31659	6	12	25	English Hawthorn (*Crataegus laevigata*)		1	1	Preserve
31666	11	15	35	Black Cottonwood (*Populus trichocarpa*)	Mostly dead; Codominant w/ a dead decayed stem; Other stem has dead top	3	3	Preserve
31681	7	9	28	Willow (*Salicaceae sp.*)	**OFFSITE**; Codominant w/ included bark; Abnormal dead branches w/ sparse foliage	2	2	Preserve
31727	20	21	40	Black Cottonwood (*Populus trichocarpa*)	Abnormal dead branches; Sparse foliage; Codominant top w/ included bark	2	2	Remove
31728	7	15	35	Black Cottonwood (*Populus trichocarpa*)	Lean (W)	1	2	Remove
31740	10	16	27	Oregon Ash (*Fraxinus latifolia*)	**OFFSITE**; Codominant w/ included bark ~ 10' up; Exposed roots all around; (Evaluated behind fence)	1	2	Preserve
31743	6	7	20	Red Alder (*Alnus rubra*)	**OFFSITE**; Codominant 3' up (Evaluated behind fence)	1	1	Preserve
31787	11	0	30	European White Birch (*Betula pendula*)	**OFFSITE**; Dead	3	3	Preserve
31788	6, 6, 7	12	25	Willow (*Salicaceae sp.*)	**OFFSITE**; Many codominant stems w/ included bark; Some dead foliage and branches	2	2	Preserve
31791	12, 12	14	50	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Codominant 20' up on one stem	1	2	Preserve
31792	7, 8	13	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Codominant w/ 3 stems	1	2	Preserve
31793	13	15	50	Douglas-fir (*Pseudotsuga menziesii*)	**OFFSITE**	1	1	Preserve
31794	13	16	60	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Abnormal dead branches	2	1	Preserve
31797	7	11	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Crooked; Slight lean (S); Codominant top; 1-sided canopy	1	2	Preserve
31798	7	11	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Crooked; Slight lean (S); Codominant top; 1-sided canopy	1	2	Preserve
31799	8	9	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Sweep; Lean (N)	1	2	Preserve
31800	6	10	35	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S); Crooked	1	2	Preserve
31801	10, 13, 19	16	55	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; 19" stem has a codominant top w/ abnormal dead branches; Lean (N); Included bark; Crooked	2	2	Preserve
31803	7, 11	13	45	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Codominant; 11" stem is dead; 7" stem lean (S)	2	2	Preserve
31804	8, 9, 9	0	42	European White Birch (*Betula pendula*)	**OFFSITE**; Dead	3	3	Preserve
31805	7, 9	13	35	Willow (*Salicaceae sp.*)	**OFFSITE**; Dead branches; Codominant top and base; Sparse foliage	2	2	Preserve
31806	7	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
31808	6	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S); Crooked	1	2	Preserve
31809	6	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
31810	10	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
31811	7	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
31812	7	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
31813	6	8	40	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; Lean (S)	1	2	Preserve
500001	27	21	50	Black Cottonwood (*Populus trichocarpa*)	**OFFSITE**; 30% ivy coverage; Codominant top w/ included bark	1	2	Preserve

Total # of Existing Trees Inventoried = 162

Total # of Existing Onsite Trees = 119
Total # of Existing Onsite Trees to be Preserved = 30
Total # of Existing Onsite Trees to be Removed = 89

Total # of Existing Offsite Trees = 43
Total # of Existing Offsite Trees to be Preserved = 41
Total # of Existing Offsite Trees to be Removed = 2

Total # of Replacement Trees Required Outside of the Significant Resource Overlay Zone (*per Wilsonville Development Code Section 4.620.00)* = 72
Total # of Replacement Trees Required Within the SROZ (*per Wilsonville Development Code Section 4.139.07)* = 25
Total # of Replacement Shrubs Required Within the SROZ (*per Wilsonville Development Code Section 4.139.07)* = 45

***Health Rating:**
1 = Good Health - A tree that exhibits typical foliage, bark, and root characteristics, for its respective species, shows no signs of infection or infestation, and has a high level of vigor and vitality.
2 = Fair Health - A tree that exhibits some abnormal health characteristics and/or shows some signs of infection or infestation, but may be reversed or abated with supplemental treatment.
3 = Poor Health - A tree that is in significant decline, to the extent that supplemental treatment would not likely result in reversing or abating its decline.

****Structure Rating:**
1 = Good Structure - A tree that exhibits typical physical form characteristics, for its respective species, shows no signs of structural defects of the canopy, trunk, and/or root system.
2 = Fair Structure - A tree that exhibits some abnormal physical form characteristics and/or some signs of structural defects, which reduce the structural integrity of the tree, but are not indicative of imminent physical failure, and may be corrected using arboricultural abatement methods.
3 = Poor Structure - A tree that exhibits extensively abnormal physical form characteristics and/or significant structural defects that substantially reduces the structural viability of the tree, cannot feasibly be abated, and are indicative of imminent physical failure.

Arborist Disclosure Statement:
Arborists are tree specialists who use their education, knowledge, training, and experience to examine trees, recommend measures to enhance the health of trees, and attempt to reduce the risk of living near trees. The Client and Jurisdiction may choose to accept or disregard the recommendations of the arborist, or seek additional advice. Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like medicine, cannot be guaranteed. Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate all trees. Neither this author nor AKS Engineering & Forestry, LLC have assumed any responsibility for liability associated with the trees on or adjacent to this site.

At the completion of construction, all trees should once again be reviewed. Land clearing and removal of adjacent trees can expose previously unseen defects and otherwise healthy trees can be damaged during construction.

CERTIFIED ARBORIST
PRELIMINARY NOT FOR CONSTRUCTION
ISA

BRUCE R. BALDWIN
CERTIFICATE NUMBER: PN-6666A
EXPIRATION DATE: 12/31/23

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ENGINEERING - SURVEYING - NATURAL RESOURCES
FORESTRY - PLANNING - LANDSCAPE ARCHITECTURE

SW BOBERG RD
CITY OF WILSONVILLE
OREGON
TAX MAP 3 1 W 14A
WILSONVILLE
CLACKAMAS COUNTY TAX LOTS 1800 & 1900

TREE PRESERVATION AND REMOVAL TABLE

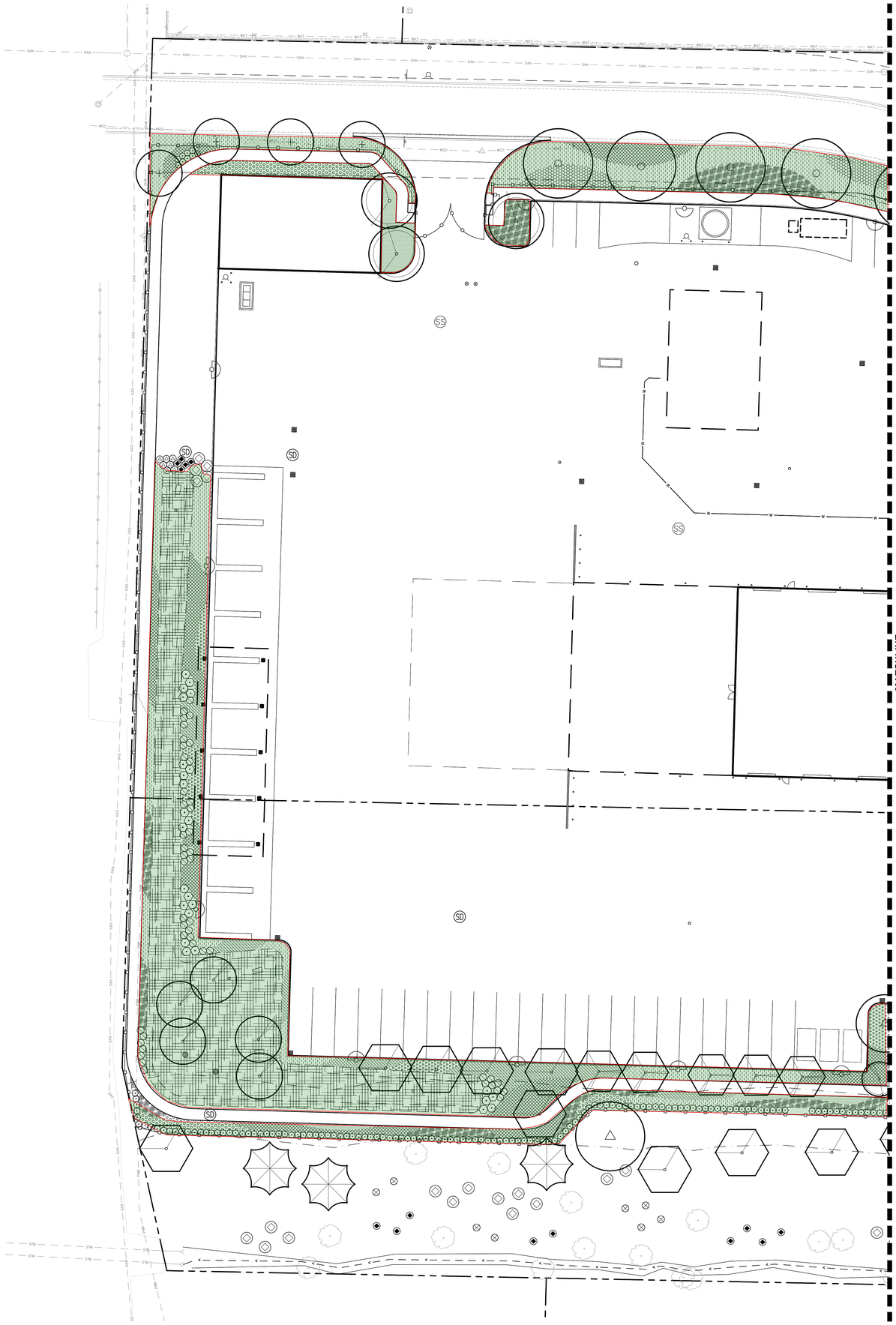
DESIGNED BY:
DRAWN BY: BRK
MANAGED BY: BRB
CHECKED BY: BRB
DATE:09/21/2021

REVISIONS

JOB NUMBER 5590

SHEET 2 OF 2

AKS DRAWING FILE: 5590 TREE.DWG | LAYOUT: LAYOUT1 (2)



PLANTING SCHEDULE

TREES

11	Existing tree to remain	
14	Quercus frainetto - Hungarian Oak	2" CAL. B&B, MULTI-STEM, WELL BRANCHED
19	Cerdidiphyllum japonicum - Katsura Tree	10' HT B&B, MULTI-STEM, WELL BRANCHED
8	Platanus x acerifolia - London Planetree 'Columbia'	3" CAL. B&B, WELL BRANCHED
8	Nyssa sylvatica - Black Tupelo	2" CAL. B&B, WELL BRANCHED
7	Quercus x bimundorum 'Crimson Spire' - Crimson Spire Oak	2" CAL. B&B, WELL BRANCHED, LIMBED TO 8'
13	Quercus garryana - Oregon White Oak	3" CAL. B&B, WELL BRANCHED, LIMBED TO 8'
5	Quercus rubra - Red Oak	3" CAL. B&B, WELL BRANCHED, LIMBED TO 8'
4	Tilia cordata - Little Leaf Linden	3" CAL. B&B, WELL BRANCHED, LIMBED TO 8'
5	Frangula purshiana - Cascara	2" CAL. B&B, WELL BRANCHED, LIMBED TO 8'
6	Chamaecyparis nootkatensis 'Pendula' - Weeping Alaskan Cedar	8' HT B&B, WELL BRANCHED, LIMBED TO 8'
11	Pseudotsuga menziesii - Douglas Fir	8' HT B&B, WELL BRANCHED, LIMBED TO 8'
6	Tsuga heterophylla - Western Hemlock	8' HT B&B, WELL BRANCHED, LIMBED TO 8'
14	Acer macrophylla - Big Leaf Maple	2" CAL. B&B, WELL BRANCHED, LIMBED TO 8'

SHRUBS

32	Pieris japonica 'Flaming Silver' - Flaming Silver Pieris	5 GAL CONT., FULL PLANTS, 36" O.C.
118	Cornus sericea 'Kelseyi' - Kelsey Redosier Dogwood	2 GAL CONT., FULL PLANTS, 24" O.C.
94	Vaccinium ovatum - Evergreen Huckleberry	5 GAL CONT., FULL PLANTS, 36" O.C.
219	Mahonia aquifolium - Tall Oregon Grape	2 GAL CONT., FULL PLANTS, 36" O.C.
21	Escallonia x 'Newport Dwarf' - Compact Escallonia	2 GAL CONT., FULL PLANTS, 36" O.C.
96	Rubus spectabilis - Salmonberry	2 GAL CONT., FULL PLANTS, 36" O.C.
23	Myrica californica - Pacific Waxmyrtle	5 GAL CONT., FULL PLANTS, 36" O.C.
54	Choisya ternata 'Sundance' - Mexican Orange	2 GAL CONT., FULL PLANTS, 36" O.C.
19	Physocarpus capitus - Pacific Ninebark	2 GAL CONT., FULL PLANTS, 36" O.C.
30	Viburnum edule - Highbush Cranberry	2 GAL CONT., FULL PLANTS, 36" O.C.

GRASSES

695	Carex oshimensis 'Everillo' - Japanese Sedge	1 GAL CONT., FULL PLANTS, 24" O.C.
971	Carex tumulicola - Foothill Sedge	1 GAL CONT., FULL PLANTS, 24" O.C.
2,393	Deschampsia cespitosa - Tufted Hair Grass	1 GAL CONT., FULL PLANTS, 24" O.C.
2,407	Festuca glauca 'Elijah Blue' - Blue Fescue	1 GAL CONT., FULL PLANTS, 12" O.C.
773	Schizachyrium scoparium 'Standing Ovation' - Little Bluestem	1 GAL CONT., FULL PLANTS, 24" O.C.
3,215	Sesleria autumnalis - Autumn Moor Grass	1 GAL CONT., FULL PLANTS, 18" O.C.
115	Panicum virgatum 'Dallas Blues' - Dallas Blues Switch Grass	5 GAL CONT., FULL PLANTS, SPACING AS SHOWN
19	Pennisetum alopecuroides 'Karley Rose' - Fountain Grass	1 GAL CONT., FULL PLANTS, 36" O.C.
48	Calamagrostis acutiflora 'Karl Forster' - Feather Reed Grass	2 GAL CONT., FULL PLANTS, 24" O.C.

GROUNDCOVER

1,179	Mahonia repens - Creeping Oregon Grape	1 GAL CONT., FULL PLANTS, 24" O.C.
1,400	Epimedium x rubrum - Bishops Hat	1 GAL CONT., FULL PLANTS, 18" O.C.
378	Gaultheria shallon - Salal	1 GAL CONT., FULL PLANTS, 36" O.C.
18	Cotoneaster dammeri 'Mooncreeper' - Bearberry Cotoneaster	2 GAL CONT., FULL PLANTS, 36" O.C.

STORMWATER TREATMENT AREAS

345	Juncus patens - Spreading Rush
345	Carex obnupta - Slough Sedge
345	Carex densa - Dense Sedge
345	Juncus ensifolius - Dagger-Leaf Rush
1 GAL	CONT., FULL PLANTS, 36" O.C.

SEED MIXES

1,356 SF

SUNMARK SEEDS Eco Lawn Plus	% PLS	LBS OF PLS/ ACRE
Lolium perenne	40	118.8
Festuca brevipila	25	36.9
Achillea millefolium	5	5.1
Lupinus bicolor	2	5.1
Trifolium repens	5	6.1
Trifolium fragiferum	5	12.3
Eschoizia californica	5	12.3
Lobularia maritima	5	6.1
Leucanthemum maximum, dwarf	3	2.0
Clarkia amonea	5	3.1
	TOTAL	207.96

WATER CONSUMPTION CATAGORIES

- High water usage (+/- 2 inches per week)
- Moderate water usage (+/- 1 inch per week)
- Low water usage (less than 1 inch per week)

PLANTING NOTES

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT CITY OF WILSONVILLE STANDARDS AND THE OREGON UNIFORM BUILDING CODES.
2. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH OREGON CITY STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
3. MARK AND PROTECT ALL UTILITIES, SITE FEATURES, AND VEGETATION TO REMAIN IN PLACE.
4. REMOVE EXISTING TOP SOILS AND STOCKPILE PER SPECIFICATIONS. AMEND TOP SOILS IN ACCORDANCE WITH SOILS REPORT RECOMMENDATIONS AND PROJECT SPECIFICATIONS PRIOR TO PLACEMENT IN PLANTING AREAS..
5. ALL PLANTING BEDS TO RECEIVE 18" DEPTH TOP SOIL.
6. ROOT BARRIER TO BE INSTALLED AT ALL TREES ADJACENT TO PAVED AREAS - SEE PLANTING PLAN AND DETAIL.
7. PLANT MATERIAL INSTALLED SHALL CONFORM IN SIZE AND GRADE TO THE "AMERICAN STANDARD FOR NURSERY STOCK" CURRENT EDITION.
8. LANDSCAPING WILL NOT INCLUDE MULCH AS GROUNDCOVER EXCEPT UNDERNEATH PLANTS AT MATURITY AND WITHIN 2' OF THE BASE OF TREES.
9. THE QUANTITIES OF PLANT MATERIALS SHALL BE AS DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH THE SPECIFIED SPACING OR LOCATION ON THE PLAN. MATERIAL QUANTITIES SHOWN ON PLAN ARE FOR CONTRACTOR CONVENIENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION. SURPLUS OR SHORTAGES OF PLANT QUANTITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. NEW PLANTING INSTALLATION SHALL INCLUDE INSTALLATION OF AUTOMATIC IRRIGATION SYSTEM.
11. LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANTINGS FOR THE DURATION OF THE 1 YEAR WARRANTY PERIOD AFTER SUBSTANTIAL COMPLETION AND GUARANTEE ALL PLANTINGS TO BE IN SATISFACTORY AND VIGOROUS HEALTH. PROVIDE MAINTENANCE SCHEDULE PER SPECIFICATIONS.

SCOTT|EDWARDS ARCHITECTURE LLP.
2525 E Burnside Street, Portland, OR 97214
phone: (503) 226-3617 www.sealp.com

REGISTERED LANDSCAPE ARCHITECT
788
PRELIMINARY
Daniel K.Chin
OREGON
02/08/13
EXPIRES: 02/28/21

WILSONVILLE PUBLIC WORKS

Job Number: 20102

28601 SW BOBERG RD
WILSONVILLE, OR 97070

Harper Houf Peterson Righellis Inc.
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LAND USE SUBMITTAL 02/12/2021

ISSUE	DATE

Drawing:

PLANTING PLAN - WEST

0 10 20 40
SCALE: 1" = 20'

Sheet No:

L2.0

PLANTING SCHEDULE

TREES

11	Existing tree to remain	
14	*Quercus frainetto* - Hungarian Oak	2" CAL, B&B, MULTI-STEM, WELL BRANCHED
19	*Cerdidiphyllum japonicum* - Katsura Tree	10' HT, B&B, MULTI-STEM, WELL BRANCHED
8	*Platanus x acerifolia* - London Planetree 'Columbia'	3" CAL, B&B, WELL BRANCHED
8	*Nyssa sylvatica* - Black Tupelo	2" CAL, B&B, WELL BRANCHED
7	*Quercus x bimundorum 'Crimson Spire'* - Crimson Spire Oak	2" CAL, B&B, WELL BRANCHED, LIMBED TO 8'
13	*Quercus garryana* - Oregon White Oak	3" CAL, B&B, WELL BRANCHED, LIMBED TO 8'
5	*Quercus rubra* - Red Oak	3" CAL, B&B, WELL BRANCHED, LIMBED TO 8'
4	*Tilia cordata* - Little Leaf Linden	3" CAL, B&B, WELL BRANCHED, LIMBED TO 8'
5	*Frangula purshiana* - Cascara	2" CAL, B&B, WELL BRANCHED, LIMBED TO 8'
6	*Chamaecyparis nootkatensis 'Pendula'* - Weeping Alaskan Cedar	8' HT, B&B, WELL BRANCHED, LIMBED TO 8'
11	*Pseudotsuga menziesii* - Douglas Fir	8' HT, B&B, WELL BRANCHED, LIMBED TO 8'
6	*Tsuga heterophylla* - Western Hemlock	8' HT, B&B, WELL BRANCHED, LIMBED TO 8'
14	*Acer macrophylla* - Big Leaf Maple	2" CAL, B&B, WELL BRANCHED, LIMBED TO 8'

SHRUBS

32	*Pieris japonica 'Flaming Silver'* - Flaming Silver Pieris	5 GAL, CONT., FULL PLANTS, 36" O.C.
118	*Cornus sericea 'Kelseyi'* - Kelsey Redosier Dogwood	2 GAL, CONT., FULL PLANTS, 24" O.C.
94	*Vaccinium ovatum* - Evergreen Huckleberry	5 GAL, CONT., FULL PLANTS, 36" O.C.
219	*Mahonia aquifolium* - Tall Oregon Grape	2 GAL, CONT., FULL PLANTS, 36" O.C.
21	*Escallonia x 'Newport Dwarf'* - Compact Escallonia	2 GAL, CONT., FULL PLANTS, 36" O.C.
96	*Rubus spectabilis* - Salmonberry	2 GAL, CONT., FULL PLANTS, 36" O.C.
23	*Myrica californica* - Pacific Waxmyrtle	5 GAL, CONT., FULL PLANTS, 36" O.C.
54	*Choisya ternata 'Sundance'* - Mexican Orange	2 GAL, CONT., FULL PLANTS, 36" O.C.
19	*Physocarpus capitus* - Pacific Ninebark	2 GAL, CONT., FULL PLANTS, 36" O.C.
30	*Viburnum edule* - Highbush Cranberry	2 GAL, CONT., FULL PLANTS, 36" O.C.

GRASSES

695	*Carex oshimensis 'Everillo'* - Japanese Sedge	1 GAL, CONT., FULL PLANTS, 24" O.C.
971	*Carex tumulicola* - Foothill Sedge	1 GAL, CONT., FULL PLANTS, 24" O.C.
2,393	*Deschampsia cespitosa* - Tufted Hair Grass	1 GAL, CONT., FULL PLANTS, 24" O.C.
2,407	*Festuca glauca 'Elijah Blue'* - Blue Fescue	1 GAL, CONT., FULL PLANTS, 12" O.C.
773	*Schizachyrium scoparium 'Standing Ovation'* - Little Bluestem	1 GAL, CONT., FULL PLANTS, 24" O.C.
3,215	*Sesleria autumnalis* - Autumn Moor Grass	1 GAL, CONT., FULL PLANTS, 18" O.C.
115	*Panicum virgatum 'Dallas Blues'* - Dallas Blues Switch Grass	5 GAL, CONT., FULL PLANTS, SPACING AS SHOWN
19	*Pennisetum alopecuroides 'Karley Rose'* - Fountain Grass	1 GAL, CONT., FULL PLANTS, 36" O.C.
48	*Calamagrostis acutiflora 'Karl Forster'* - Feather Reed Grass	2 GAL, CONT., FULL PLANTS, 24" O.C.

GROUNDCOVER

1,179	*Mahonia repens* - Creeping Oregon Grape	1 GAL, CONT., FULL PLANTS, 24" O.C.
1,400	*Epimedium x rubrum* - Bishops Hat	1 GAL, CONT., FULL PLANTS, 18" O.C.
378	*Gaultheria shallon* - Salal	1 GAL, CONT., FULL PLANTS, 36" O.C.
18	*Cotoneaster dammeri 'Mooncreeper'* - Bearberry Cotoneaster	2 GAL, CONT., FULL PLANTS, 36" O.C.

STORMWATER TREATMENT AREAS

345	Juncus patens - Spreading Rush	
345	Carex obnupta - Slough Sedge	
345	Carex densa - Dense Sedge	
345	Juncus ensifolius - Dagger-Leaf Rush	1 GAL, CONT., FULL PLANTS, 36" O.C.

SEED MIXES

1,356 SF

SUNMARK SEEDS Eco Lawn Plus	% PLS	LBS OF PLS/ ACRE
Lolium perenne	40	118.8
Festuca brevipila	25	36.9
Achillea millefolium	5	5.1
Lupinus bicolor	2	5.1
Trifolium repens	5	6.1
Trifolium fragiferum	5	12.3
Eschoizia californica	5	12.3
Lobularia maritima	5	6.1
Leucanthemum maximum, dwarf	3	2.0
Clarkia amonea	5	3.1
	TOTAL	207.96

WATER CONSUMPTION CATAGORIES

- High water usage (+/- 2 inches per week)
- Moderate water usage (+/- 1 inch per week)
- Low water usage (less than 1 inch per week)

PLANTING NOTES

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT CITY OF WILSONVILLE STANDARDS AND ADOPTED BUILDING CODES.
2. INSTALL EROSION CONTROL SYSTEMS IN ACCORDANCE WITH CITY OF WILSONVILLE STANDARDS PRIOR TO SITE WORK AND LANDSCAPE INSTALLATION.
3. MARK AND PROTECT ALL UTILITIES, SITE FEATURES, AND VEGETATION TO REMAIN IN PLACE.
4. REMOVE EXISTING TOP SOILS AND STOCKPILE PER SPECIFICATIONS. AMEND TOP SOILS WITH MINIMUM 4" COMPOST AND AMENDMENTS PER SOILS REPORT RECOMMENDATIONS AND PROJECT SPECIFICATIONS PRIOR TO PLACEMENT IN PLANTING AREAS.
5. ALL PLANTING BEDS TO RECEIVE 18" DEPTH TOP SOIL.
6. ROOT BARRIER TO BE INSTALLED AT ALL TREES ADJACENT TO PAVED AREAS - SEE PLANTING PLAN AND DETAIL.
7. PLANT MATERIAL INSTALLED SHALL CONFORM IN SIZE AND GRADE TO THE "AMERICAN STANDARD FOR NURSERY STOCK" CURRENT EDITION.
8. LANDSCAPING WILL NOT INCLUDE MULCH AS GROUNDCOVER EXCEPT UNDERNEATH PLANTS AT MATURITY AND WITHIN 2' OF THE BASE OF TREES.
9. THE QUANTITIES OF PLANT MATERIALS SHALL BE AS DETERMINED BY THE CONTRACTOR IN ACCORDANCE WITH THE SPECIFIED SPACING OR LOCATION ON THE PLAN. MATERIAL QUANTITIES SHOWN ON PLAN ARE FOR CONTRACTOR CONVENIENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION. SURPLUS OR SHORTAGES OF PLANT QUANTITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. NEW PLANTING INSTALLATION SHALL INCLUDE INSTALLATION OF AUTOMATIC IRRIGATION SYSTEM.
11. LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANTINGS FOR THE DURATION OF THE 1 YEAR WARRANTY PERIOD AFTER SUBSTANTIAL COMPLETION AND GUARANTEE ALL PLANTINGS TO BE IN SATISFACTORY AND VIGOROUS HEALTH. PROVIDE MAINTENANCE SCHEDULE PER SPECIFICATIONS.

S|E A
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REGISTERED 788 PRELIMINARY Daniel K.Chin OREGON 02/08/13 LANDSCAPE ARCHITECT
EXPIRES: 02/28/21

WILSONVILLE PUBLIC WORKS
Job Number: 20102
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LAND USE SUBMITTAL 02/12/2021

ISSUE	DATE

Drawing:
PLANTING PLAN - EAST

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0 10 20 40
SCALE: 1" = 20'

Sheet No:
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