# WOODBURN CONSTRUCTION

## RAY J GLATT CIRCLE & NORTH BOONES FERRY ROAD
## WOODBURN, OREGON

## DRAWINGS FOR:

AC + CO ARCHITECTURE | COMMUNITY
1100 LIBERTY STREET SE STE 200
SALEM, OR 97302
503 . 581 . 4114

## LANDSCAPE ARCHITECT:

LAURUS DESIGNS, LLC
LAURA ANTONSON, RLA, ASLA
1012 PINE STREET
SILVERTON, OREGON 97381
503 . 784 . 6494
LAURA@LAURUSDESIGNS.COM

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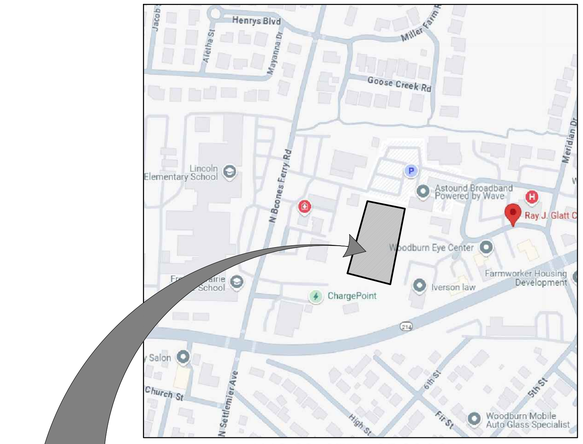
L1.2 PLANTING NOTES AND DETAILS
L1.3 PLANTING DETAILS

L2.1 IRRIGATION PLAN AND SCHEDULE
L2.2 IRRIGATION NOTES AND DETAILS


## VICINITY MAP:




MAP COURTESY OF GOOGLE

PROJECT SITE

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Laurus Designs, LLC
1012 Pine Street
Silverton, Oregon 97381
503.784.6494
laurusdesigns.com
PROJECT #: 1662C

REGISTERED LANDSCAPE ARCHITECT
643
LAURA A. ANTONSON
OREGON
11/16/2007

In the event conflicts are discovered between the original signed and sealed documents prepared by the Architects and/or their Consultants, and any copy of the documents transmitted by mail, fax, electronically or otherwise, the original signed and sealed documents shall govern.

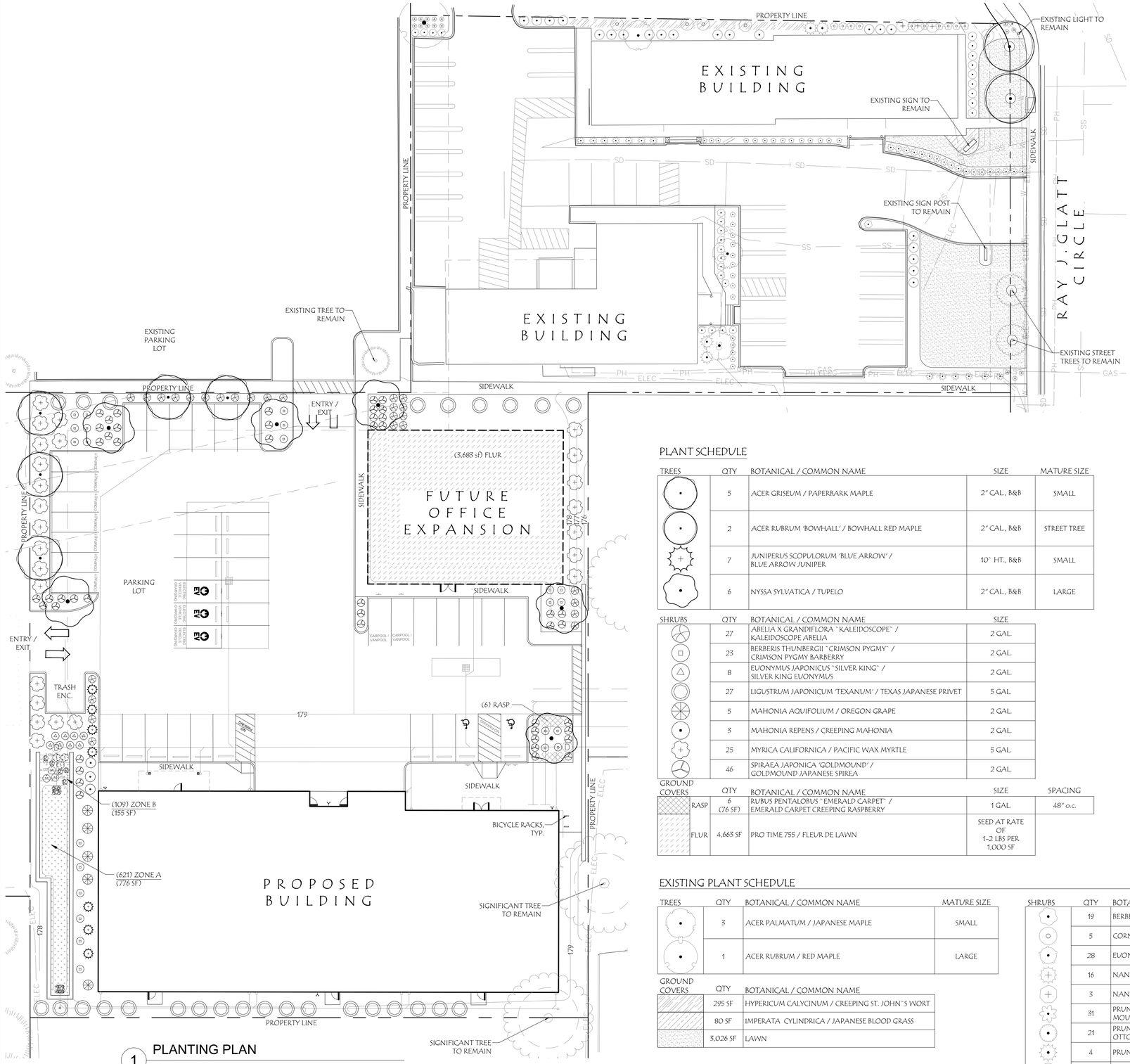
JOB NO. 2024.0041
DATE JUNE 27, 2025
DRAWN KN / LAA
REVISIONS

ACC
ARCHITECTURE
COMMUNITY
1100 Liberty St SE,
Suite 200
Salem, OR 97302-5385
P: 503.581.4114
www.accoac.com

WOODBURN CONSTRUCTION

--- RAY J GLATT CIRCLE
WOODBURN, OR 97071

SHEET
L0.0




1 PLANTING PLAN

SCALE: 1" = 20'-0"

## GENERAL NOTES:

1. VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. SEE CIVIL DRAWINGS. CALL BEFORE YOU DIG. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
2. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN.
3. SEE CIVIL DRAWINGS FOR GRADING, UTILITIES AND STORMWATER.
4. STREET TREES SELECTED FROM CITY OF WOODBURN APPROVED STREET TREES FOR PLANTERS 6' WIDE.
5. PLANT SCHEDULE SEE THIS SHEET.
6. PLANTING NOTES AND DETAILS SEE SHEET L1.2.
7. IRRIGATION PLAN SEE SHEET L2.1.

## LEGEND:

EXISTING TREES TO REMAIN

## SITE INFORMATION:

PAVED PARKING SURFACE AREA:36,884 SF
REQUIRED: 20% = 7,577 SF
PROPOSED: 7,534 SF

## DETENTION BASIN PLANTING REQUIREMENTS

| FACILITY NUMBER | TOTAL FACILITY SF | ZONE A SF / PLANTS | ZONE B SF / PLANTS |
|---|---|---|---|
| 1 | 931 SF | 776 SF / 621 HERBACEOUS | 155 SF / 11 SHRUBS AND 109 GROUND COVERS |

REQUIREMENTS PER 100 SF OF PLANTER
ZONE A: 80 HERBACEOUS PLANTS
ZONE B: 7 SHRUBS AND 70 GROUND COVER

## LANDSCAPE PLANTING REQUIREMENTS: OTHER YARDS

REQUIRED PLANTS: 1 PLANT UNIT (PU) / 50 SF

SIGNIFICANT TREE = 15 PU
LARGE TREE = 10 PU
MEDIUM TREE = 8 PU
SMALL TREE = 4 PU
LARGE SHRUB = 2 PU
SMALL/MEDIUM SHRUB = 1 PU
LAWN/GROUND COVER = 1 PU / 50 SF

LANDSCAPE SQUARE FOOTAGE =12,934 SF
NUMBER OF PLANT UNITS = 259 PU

| PLANTS | # OF PLANTS | PLANT UNITS |
|---|---|---|
| LARGE TREE | – | – |
| MEDIUM TREE | – | – |
| SMALL TREE | 4 | 16 |
| LARGE SHRUB | 52 | 104 |
| SMALL / MEDIUM SHRUB | 54 | 54 |
| LAWN / GROUNDCOVER | 5,594 sf | 112 |
| TOTAL PLANT UNITS | | 286 |

## LANDSCAPE PLANTING REQUIREMENTS: OFF-STREET PARKING/LOADING

REQUIRED PLANTS: 1 PLANT UNIT (PU) /20 SF AND REQUIRED TREE PER PARKING SPACES BELOW

1 SMALL TREE PER 10 PARKING SPACES
1 MEDIUM TREE PER 15 PARKING SPACES
1 LARGE TREE PER 25 PARKING SPACES

LANDSCAPE SQUARE FOOTAGE = 7,534 SF
NUMBER OF PLANT UNITS = 377 PU
NUMBER OF PARKING SPACES = 67 SPACES = 3 LARGE TREES

| PLANTS | # OF PLANTS | PLANT UNITS |
|---|---|---|
| LARGE TREE | 7 | 70 |
| MEDIUM TREE | – | – |
| SMALL TREE | 11 | 44 |
| LARGE SHRUB | 33 | 66 |
| SMALL / MEDIUM SHRUB | 168 | 168 |
| LAWN / GROUNDCOVER | 2,279 SF | 45 |
| TOTAL PLANT UNITS | | 393 |

## PLANT SCHEDULE

| TREES | QTY | BOTANICAL / COMMON NAME | SIZE | MATURE SIZE |
|---|---|---|---|---|
| | 5 | ACER GRISEUM / PAPERBARK MAPLE | 2" CAL., B&B | SMALL |
| | 2 | ACER RUBRUM 'BOWHALL' / BOWHALL RED MAPLE | 2" CAL., B&B | STREET TREE |
| | 7 | JUNIPERUS SCOPULORUM 'BLUE ARROW' / BLUE ARROW JUNIPER | 10" HT., B&B | SMALL |
| | 6 | NYSSA SYLVATICA / TUPELO | 2" CAL., B&B | LARGE |

| SHRUBS | QTY | BOTANICAL / COMMON NAME | SIZE |
|---|---|---|---|
| | 27 | ABELIA X GRANDIFLORA `KALEIDOSCOPE` / KALEIDOSCOPE ABELIA | 2 GAL. |
| | 23 | BERBERIS THUNBERGII `CRIMSON PYGMY` / CRIMSON PYGMY BARBERRY | 2 GAL. |
| | 8 | EUONYMUS JAPONICUS `SILVER KING` / SILVER KING EUONYMUS | 2 GAL. |
| | 27 | LIGUSTRUM JAPONICUM 'TEXANUM' / TEXAS JAPANESE PRIVET | 5 GAL. |
| | 5 | MAHONIA AQUIFOLIUM / OREGON GRAPE | 2 GAL. |
| | 3 | MAHONIA REPENS / CREEPING MAHONIA | 2 GAL. |
| | 25 | MYRICA CALIFORNICA / PACIFIC WAX MYRTLE | 5 GAL. |
| | 46 | SPIRAEA JAPONICA 'GOLDMOUND' / GOLDMOUND JAPANESE SPIREA | 2 GAL. |

| GROUND COVERS | QTY | BOTANICAL / COMMON NAME | SIZE | SPACING |
|---|---|---|---|---|
| RASP | 6 (76 SF) | RUBUS PENTALOBUS `EMERALD CARPET` / EMERALD CARPET CREEPING RASPBERRY | 1 GAL. | 48" o.c. |
| FLUR | 4,663 SF | PRO TIME 755 / FLEUR DE LAWN | SEED AT RATE OF 1-2 LBS PER 1,000 SF | |

## EXISTING PLANT SCHEDULE

| TREES | QTY | BOTANICAL / COMMON NAME | MATURE SIZE |
|---|---|---|---|
| | 3 | ACER PALMATUM / JAPANESE MAPLE | SMALL |
| | 1 | ACER RUBRUM / RED MAPLE | LARGE |

| GROUND COVERS | QTY | BOTANICAL / COMMON NAME |
|---|---|---|
| | 295 SF | HYPERICUM CALYCINUM / CREEPING ST. JOHN`S WORT |
| | 80 SF | IMPERATA CYLINDRICA / JAPANESE BLOOD GRASS |
| | 3,026 SF | LAWN |

| SHRUBS | QTY | BOTANICAL / COMMON NAME | MATURE SIZE |
|---|---|---|---|
| | 19 | BERBERIS THUNBERGII / JAPANSES BARBERRY | SMALL |
| | 5 | CORNUS SERICEA / RED TWIG DOGWOOD | LARGE |
| | 28 | EUONYMUS JAPONICUS / EUONYMUS | SMALL |
| | 16 | NANDINA DOMESTICA / HEAVENLY BAMBOO | SMALL |
| | 3 | NANDINA DOMESTICA / HEAVENLY BAMBOO | LARGE |
| | 31 | PRUNUS LAUROCERASUS `MOUNT VERNON` / MOUNT VERNON LAUREL | SMALL |
| | 21 | PRUNUS LAUROCERASUS `OTTO LUYKEN` / OTTO LUYKEN ENGLISH LAUREL | LARGE |
| | 4 | PRUNUS LUSITANICA / PORTUGAL LAUREL | LARGE |
| | 10 | VIBURNUM DAVIDII / DAVID VIBURNUM | SMALL |
| | 9 | VIBURNUM TINUS / LAURUSTINUS | SMALL |

## DETENTION BASIN 1 PLANT SCHEDULE

| SHRUBS | QTY | BOTANICAL / COMMON NAME | SIZE |
|---|---|---|---|
| R | 5 | CORNUS SERICEA 'KELSEYI' / KELSEY'S DWARF RED TWIG DOGWOOD | 2 GAL. |
| M | 3 | MAHONIA AQUIFOLIUM / OREGON GRAPE | 2 GAL. |
| S | 3 | SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY | 2 GAL. |

| GROUND COVERS | QTY | BOTANICAL / COMMON NAME | SIZE | SPACING |
|---|---|---|---|---|
| ZONE A | 156 | CAREX DENSA / DENSE SEDGE | 1 GAL. | 15" O.C., PLANT IN ROWS 10" WIDE, ALTERNATING PLANTS |
| | 155 | JUNCUS ENSIFOLIUS / DAGGER-LEAF RUSH | | |
| | 155 | JUNCUS TENUIS / SLENDER RUSH | | |
| | 155 | SCIRPUS MICROCARPUS / SMALL FRUITED BULRUSH | | |
| ZONE B | 37 | ARCTOSTAPHYLLOS UVA-URSI | 1 GAL. | 12" O.C., PLANT RANDOMLY FOR FULL COVERAGE |
| | 36 | FRAGARIA VIRGINIANA / WILD STRAWBERRY | | |
| | 36 | MAHONIA REPENS / CREEPING OREGON GRAPE | | |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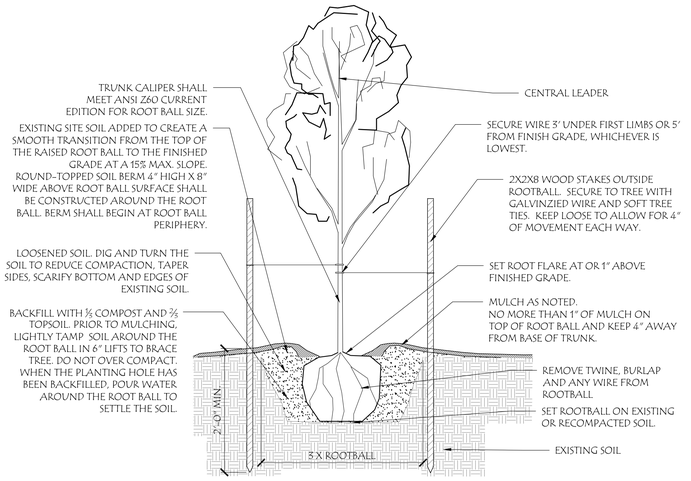
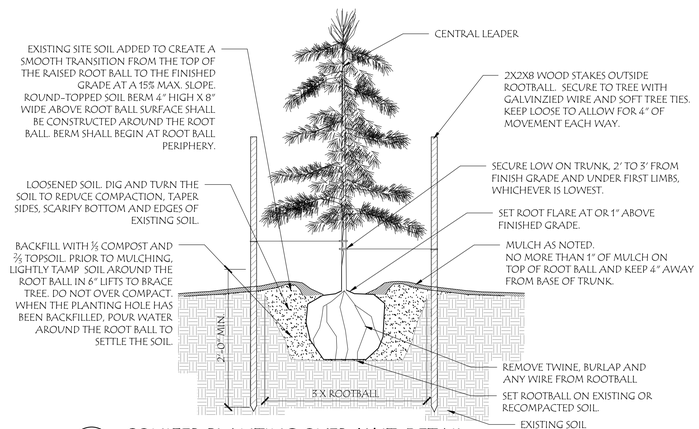
SHEET L1.1




1 TREE PLANTING AT 1 1/2" CALIPER OR GREATER

SCALE: NTS




2 CONIFER PLANTING OVER 6' HT. DETAIL

SCALE: NTS

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2. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN.
3. SEE CIVIL DRAWINGS FOR GRADING, UTILITIES AND STORMWATER.
4. STREET TREES SELECTED FROM CITY OF WOODBURN APPROVED STREET TREES FOR PLANTERS 6' WIDE.
5. PLANT SCHEDULE SEE SHEET L1.1.
6. PLANTING NOTES AND DETAILS SEE THIS SHEET AND L1.3.
7. IRRIGATION PLAN SEE SHEET L2.1.

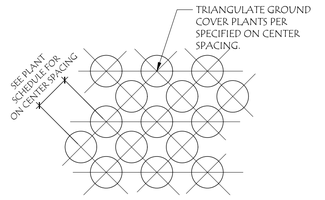
## GENERAL PLANTING NOTES:

1. THE LANDSCAPE CONTRACTOR IS TO THOROUGHLY REVIEW THE SITE. IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLAN AND EXISTING CONDITIONS THE LANDSCAPE ARCHITECT IS TO BE IMMEDIATELY NOTIFIED.
2. IF THE LANDSCAPE CONTRACTOR STARTS WORK BEFORE SITE CONDITIONS ARE READY, THEY WILL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS RELATING TO THE CONDITION.
3. PLANT MATERIALS SHALL BE FREE OF DISEASE, INJURY, AND INSECT INFESTATION. UNHEALTHY OR DAMAGED PLANTS SHALL BE REPLACED BY LANDSCAPE CONTRACTOR. ALL PLANT MATERIAL SHALL FOLLOW THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK PUBLICATIONS INCLUDING ANSI A300 AND ANSI Z60.
4. PLANTER BEDS: ALL PLANTER BEDS SHALL HAVE A MINIMUM DEPTH OF 8" WORKABLE TOPSOIL, COMPACTED AT A MAXIMUM OF 85% STANDARD PROCTOR MAXIMUM DRY DENSITY. TOPSOIL SHALL BE OVER ROCK-FREE SUBGRADE. SUBGRADE TO BE RIPPED AND TILLED TO 6" DEPTH AND REMOVE ALL DEBRIS 2" OR LARGER. SMALL PLANTER AREAS MAY REQUIRE REMOVAL OF COMPACTED SOIL, ROCK, GRAVEL TO AT LEAST 18" DEEP. LOOSEN AND AMEND SOIL BEFORE REPLACING IN 6" LIFTS TO FINISH GRADE.
5. LAWN BEDS: ALL LAWNS BEDS SHALL HAVE A MINIMUM DEPTH OF 3" WORKABLE TOPSOIL WITH 1" CLEAN, MATURE COMPOST. THOROUGHLY MIX AND TILL 2" INTO SUBGRADE FOR A TOTAL DEPTH OF 6" UNCOMPACTED, WORKABLE SOIL.
6. TOPSOIL MIX: AMEND EXISTING SOIL IN-SITU OR STOCK PILE SOIL ON SITE. IMPORT TOPSOIL ONLY AS NECESSARY. CONDUCT A SOIL SAMPLE FOR EACH TYPE OF PLANTER AREA; SEND SAMPLES TO AN INDEPENDENT LABORATORY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE AND SPECIALIZING IN AGRONOMIC SOIL ANALYSIS FOR TESTING AND AMENDMENT RECOMMENDATIONS.
7. SOIL AMENDMENTS: ADD A MINIMUM OF 3" CLEAN, MATURE COMPOST TO TOPSOIL FOR PLANTER AREAS AND 1" CLEAN, MATURE COMPOST FOR LAWN BEDS, TILL IN, FOR ALL BEDS.
   FOR BIDDING PURPOSES, ASSUME GENERAL SOIL AMENDMENTS AS FOLLOWS PER 1000' SF AT 6" LIFTS UNTIL SOIL ANALYSIS RECOMMENDATION IS COMPLETE, SEE ABOVE FOR COMPOST:
   - 25 LBS GYPSUM
   - 75 LBS LIME
   - 8 LBS SUPERPHOSPHATE
   - 3 LBS AMMONIUM NITRATE
   - 4 OZS ZINC SULFATE
   - 8 OZS MANGANESE SULFATE
8. MYCORRHIZAL FUNGI INOCULATE: USE A COMBINED ENDO AND ECTO MYCORRHIZAL FUNGI INOCULATE SUCH AS BIO-ORGANICS OR EQUAL AT A RATE OF:
   - 2" CAL. B&B TREE: 3 TEASPOONS
   - 5 GALLON: 2 TEASPOONS
   - 1-3 GALLON PLANT: 1 TEASPOON
   - 4" POT: 1/4 TEASPOON
   - SEED/TURF: 1 LB PER 2000 SF

   DO NOT USE ON RHODODENDRON/AZALEA, HUCKLEBERRY, SEDGE, RUSH, HEATH.
9. PLANTING: VERIFY SOIL IS APPROPRIATELY DRY FOR DIGGING. SEE DETAILS THIS SHEET FOR HOLE DEPTH, WIDTH AND BACKFILL. DEEP WATER IMMEDIATELY AFTER PLANTING.
10. MOUND PLANTING BED AREAS 3% FOR POSITIVE DRAINAGE AND AESTHETICS. SLOPE AWAY FROM BUILDINGS.
11. MULCH: SPREAD 2" MAX. DEPTH AGED FIR MULCH IN ALL PLANTER BEDS AND OPEN LANDSCAPE AREAS. KEEP MULCH AWAY FROM PLANT BASE.
12. FERTILIZER: DO NOT USE ADDITIONAL FERTILIZERS ON NEWLY PLANTED TREES FOR FIRST YEAR.
13. TREES: TREE STAKES TO BE REMOVED AFTER 6 MONTHS.
14. LAWN: PROVIDE 48" DIAMETER LAWN CUT-OUTS AROUND ALL TREES. MULCH CUT-OUTS, KEEP MULCH AT LEAST 4" AWAY FROM BASE OF TREE. KEEP LAWN 12" FROM FENCES AND BUILDINGS. MULCH AREAS AT FENCE AND BUILDING.
15. SEED: HYDROSEED IN SPRING AFTER MARCH 15TH OR FALL BEFORE OCTOBER 15TH.
16. PLANT QUANTITIES SHOWN ARE INTENDED TO ASSIST THE CONTRACTOR IN EVALUATING THEIR OWN TAKE-OFFS. IF THERE IS A DISCREPANCY BETWEEN PLANT QUANTITIES AND SYMBOLS SHOWN, USE THE LARGER OF THE TWO AMOUNTS. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL QUANTITIES.
17. NOTIFY LANDSCAPE ARCHITECT OF SUBSTITUTIONS.
18. PLANTS TO BE UNDER WARRANTY FOR A MINIMUM OF 12 MONTHS STARTING FROM FULL COMPLETION.

## STORMWATER FACILITY PLANTING NOTES:

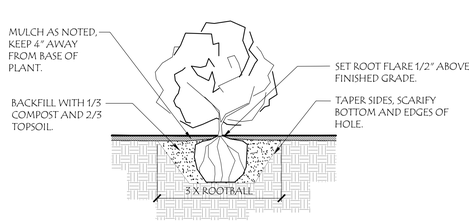
1. THE LANDSCAPE CONTRACTOR IS TO THOROUGHLY REVIEW THE SITE. IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLAN AND EXISTING CONDITIONS THE LANDSCAPE ARCHITECT IS TO BE IMMEDIATELY NOTIFIED.
2. IF THE LANDSCAPE CONTRACTOR STARTS WORK BEFORE SITE CONDITIONS ARE READY, THEY WILL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS RELATING TO THE CONDITION.
3. SEE CITY OF WOODBURN STORMWATER REQUIREMENTS FOR MORE INFORMATION.
4. CONTAINER STOCK MAY BE PLANTED YEAR ROUND IF CONDITIONS PERMIT. PLANT AFTER 48 HOURS OF DRY WEATHER TO AVOID SOIL COMPACTION. USE JUTE OR COIR MATTING TO PREVENT EROSION IF NEEDED.
5. PLANT MATERIALS SHALL BE FREE OF DISEASE, INJURY, AND INSECT INFESTATION. UNHEALTHY OR DAMAGED PLANTS SHALL BE REPLACED BY LANDSCAPE CONTRACTOR.
6. SEE CIVIL PLANS FOR GRADING, EROSION CONTROL AND SITE PREPARATION.
7. MULCH: DO NOT USE MULCH IN ZONE 1 AND OTHER FREQUENTLY INUNDATED AREAS.
8. FACILITY TO BE IRRIGATED WITH IRRIGATION SYSTEM FOR A MINIMUM OF 2 YEARS. SEE IRRIGATION PLAN. PLANTS TO RECEIVE A MINIMUM OF 1" OF WATER PER WEEK FROM JUNE 15TH TO OCTOBER 15TH THE FIRST YEAR AND BE MONITORED TO MAINTAIN HEALTHY CONDITIONS. WATER AMOUNTS MAY BE REDUCED THE SECOND YEAR FROM JUNE 15TH TO OCTOBER 15TH, BUT MAINTAIN WEEKLY WATERING AND ADDITIONAL WATERING MAY BE NEEDED BASED ON MONITORING.
9. MAINTENANCE AND MONITORING TO TAKE PLACE ANNUALLY. TAG PLANTS WITH A RUST PROOF LABEL TO FACILITATE MONITORING. REPLACE DEAD OR DYING PLANT MATERIAL AS NEEDED.




NOTES
1. KEEP 18" FROM CURBS, SIDEWALKS, LAWN AND/OR TREES AND SHRUBS

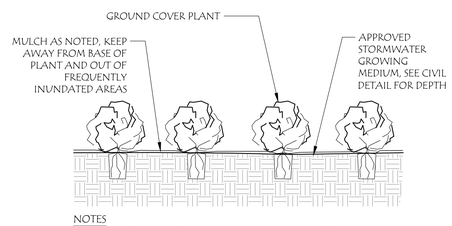
3 GROUND COVER SPACING DETAIL

SCALE: NTS




4 SHRUB AND GROUND COVER PLANTING DETAIL

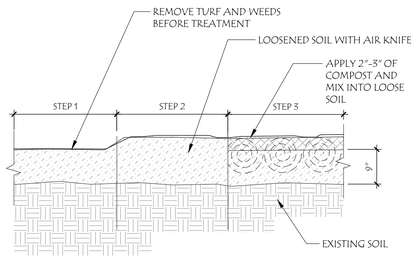
SCALE: NTS




NOTES
1. KEEP 12" FROM CURBS, SIDEWALKS, LAWN AND/OR TREES AND SHRUBS

5 STORMWATER CONTAINER PLANTS

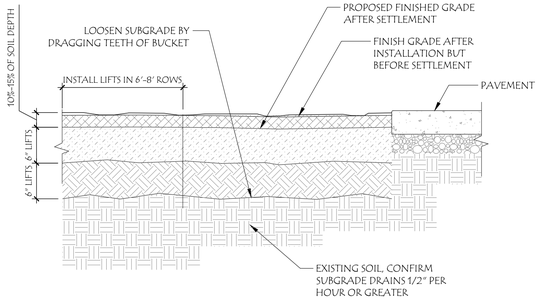
SCALE: NTS




NOTES:
1. PRIOR TO THE START OF WORK REMOVE ALL THATCH, SOD, AND/OR WEEDS.
2. LOOSEN SOIL WITH AIR KNIFE OR APPROVED EQUAL TO A DEPTH OF 9" AND WORK AROUND ENCOUNTERED ROOTS.
3. APPLY 2" - 3" OF COMPOST OVER LOOSENED SOIL. USING AN AIR KNIFE MIX COMPOST INTO LOOSENED SOIL.
4. WATER ENTIRE ROOT ZONE AT END OF EACH WORK DAY.
5. SEE PLANTING SOIL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

6 AMENDED SOIL IN TREE DRIPLINE

SCALE: NTS




NOTES:
1. MEANS AND METHODS OF SOIL COMPACTION SHALL BE DETERMINED AT TIME OF SOIL MOCK UP.
2. SOIL COMPACTION AFTER INSTALLATION SHALL BE 75 - 250 PSI AT SOIL MOISTURE BETWEEN FIELD CAPACITY AND WILTING POINT.
3. FOR SOIL DEPTHS SEE PLANTING SOIL SPECIFICATIONS OR PLANTING NOTES.
4. SEE PLANTING SOIL SPECIFICATIONS OR PLANTING NOTES FOR ADDITIONAL REQUIREMENTS.

7 MODIFIED EXISTING SOIL WITH AMENDMENTS

SCALE: NTS


Laurus Designs, LLC

1012 Pine Street
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503.784.6494
laurusdesigns.com


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REGISTERED 643 LAURA A. ANTONSON OREGON 11/16/2007 LANDSCAPE ARCHITECT



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WOODBURN CONSTRUCTION

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SHEET L1.2

PLANTING NOTES & DETAILS

## GENERAL NOTES:

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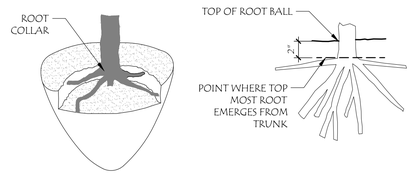
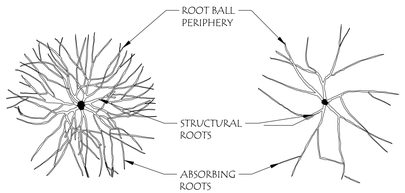
## ACCEPTABLE



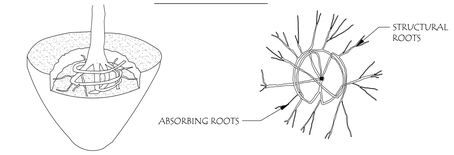

THE POINT WHERE TOP-MOST ROOT(S) EMERGES FROM THE TRUNK (ROOT COLLAR) SHOULD BE WITHIN THE TOP 2" OF SUBSTRATE. THE ROOT COLLAR AND THE ROOT BALL INTERIOR SHOULD BE FREE OF DEFECTS INCLUDING CIRCLING, KINKED, ASCENDING, AND STEM GIRDLING ROOTS. STRUCTURAL ROOTS SHALL REACH THE PERIPHERY NEAR THE TOP OF THE ROOT BALL.




ROOTS RADIATE FROM TRUNK AND REACH SIDE OF ROOT BALL WITHOUT DEFECTING DOWN OR AROUND.

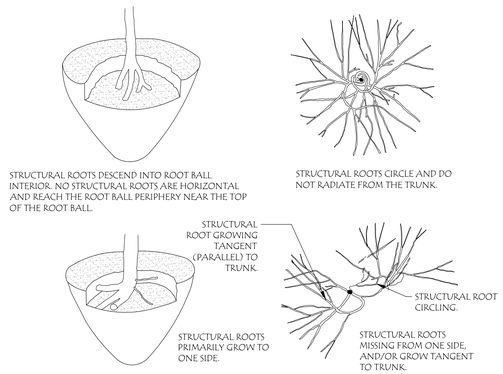
NOTES:
1- OBSERVATIONS OF ROOTS SHALL OCCUR PRIOR TO ACCEPTANCE. ROOTS AND SOIL MAY BE REMOVED DURING THE OBSERVATION PROCESS; SUBSTRATE/SOIL SHALL BE REPLACED AFTER THE OBSERVATIONS HAVE BEEN COMPLETED. DO NOT COVER ROOT FLARE.

## REJECTABLE




STRUCTURAL ROOTS CIRCLE INTERIOR OF ROOT BALL. NO STRUCTURAL ROOTS ARE HORIZONTAL AND REACH THE ROOT BALL PERIPHERY NEAR THE TOP OF THE ROOT BALL.

ONLY ABSORBING ROOTS REACH THE PERIPHERY NEAR THE TOP OF THE ROOT BALL. STRUCTURAL ROOTS MOSTLY WRAP OR ARE DEFLECTED ON THE ROOT BALL INTERIOR.



STRUCTURAL ROOTS DESCEND INTO ROOT BALL INTERIOR. NO STRUCTURAL ROOTS ARE HORIZONTAL AND REACH THE ROOT BALL PERIPHERY NEAR THE TOP OF THE ROOT BALL.

STRUCTURAL ROOTS CIRCLE AND DO NOT RADIATE FROM THE TRUNK.

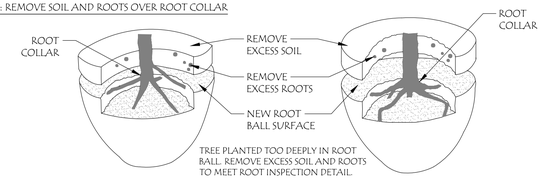





## 1 ROOT OBSERVATIONS: BALLED AND BURLAPPED

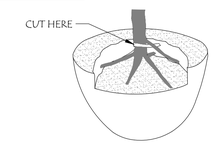
SCALE: NTS

STEP 1: REMOVE SOIL AND ROOTS OVER ROOT COLLAR

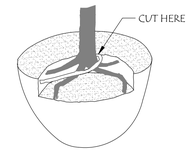



TREE PLANTED TOO DEEPLY IN ROOT BALL. REMOVE EXCESS SOIL AND ROOTS TO MEET ROOT INSPECTION DETAIL.

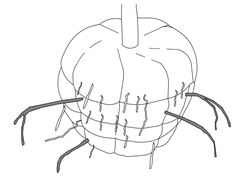
STEP 2: REMOVE DEFECTS



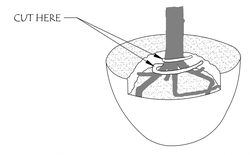

FIVE STRUCTURAL (LARGE) ROOTS SHOWN IN GRAY. REMOVE STRUCTURAL (WHITE) ROOT WRAPPING ROOT COLLAR.



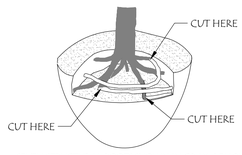

FOUR STRUCTURAL ROOTS SHOWN IN GRAY. REMOVE ROOT (WHITE) GROWING OVER STRUCTURAL ROOTS.



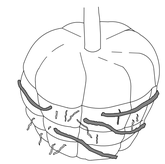
REMOVE STRUCTURAL ROOTS (4 SHOWN IN GRAY) EXTENDING FROM ROOT BALL.




SIX STRUCTURAL ROOTS SHOWN IN GRAY. REMOVE STRUCTURAL ROOTS (WHITE) GROWING OVER ROOT COLLAR BY CUTTING THEM JUST BEFORE THEY MAKE AN ABRUPT TURN.




SEVEN STRUCTURAL ROOTS SHOWN IN GRAY. REMOVE STRUCTURAL ROOTS (WHITE) GROWING AROUND OR OVER ROOT COLLAR BY CUTTING THEM JUST BEFORE THEY MAKE AN ABRUPT TURN.



REMOVE STRUCTURAL ROOTS (4 SHOWN IN GRAY) DEFLECTED ON ROOT BALL PERIPHERY. SMALL ROOTS (1/4" OR LESS) AT THE PERIPHERY OF THE ROOT BALL ARE NOT DEFINED AS DEFECTS AND DO NOT NEED TO BE REMOVED.

NOTES:
1- ALL TREES SHOWN ARE REJECTABLE UNLESS THEY UNDERGO RECOMMENDED CORRECTION.
2- FIRST STEP 1, THEN STEP 2. ADJUST HOLE DEPTH TO ALLOW FOR THE REMOVAL OF EXCESS SOIL AND ROOTS OVER THE ROOT COLLAR.
3- ROOTS AND SOIL MAY BE REMOVED DURING THE CORRECTION PROCESS; SUBSTRATE/SOIL SHALL BE REPLACED AFTER THE CORRECTION HAS BEEN COMPLETED. DO NOT COVER ROOT FLARE.
4- TREES SHALL PASS ROOT OBSERVATIONS DETAIL FOLLOWING CORRECTION.

## 2 ROOT CORRECTION: BALLED & BURLAP

SCALE: NTS

REGISTERED
643
LAURA A. ANTONSON
OREGON
11/16/2007
LANDSCAPE ARCHITECT



JOB NO. 2024.0041

DATE JUNE 27, 2025

DRAWN KN / LAA

REVISIONS

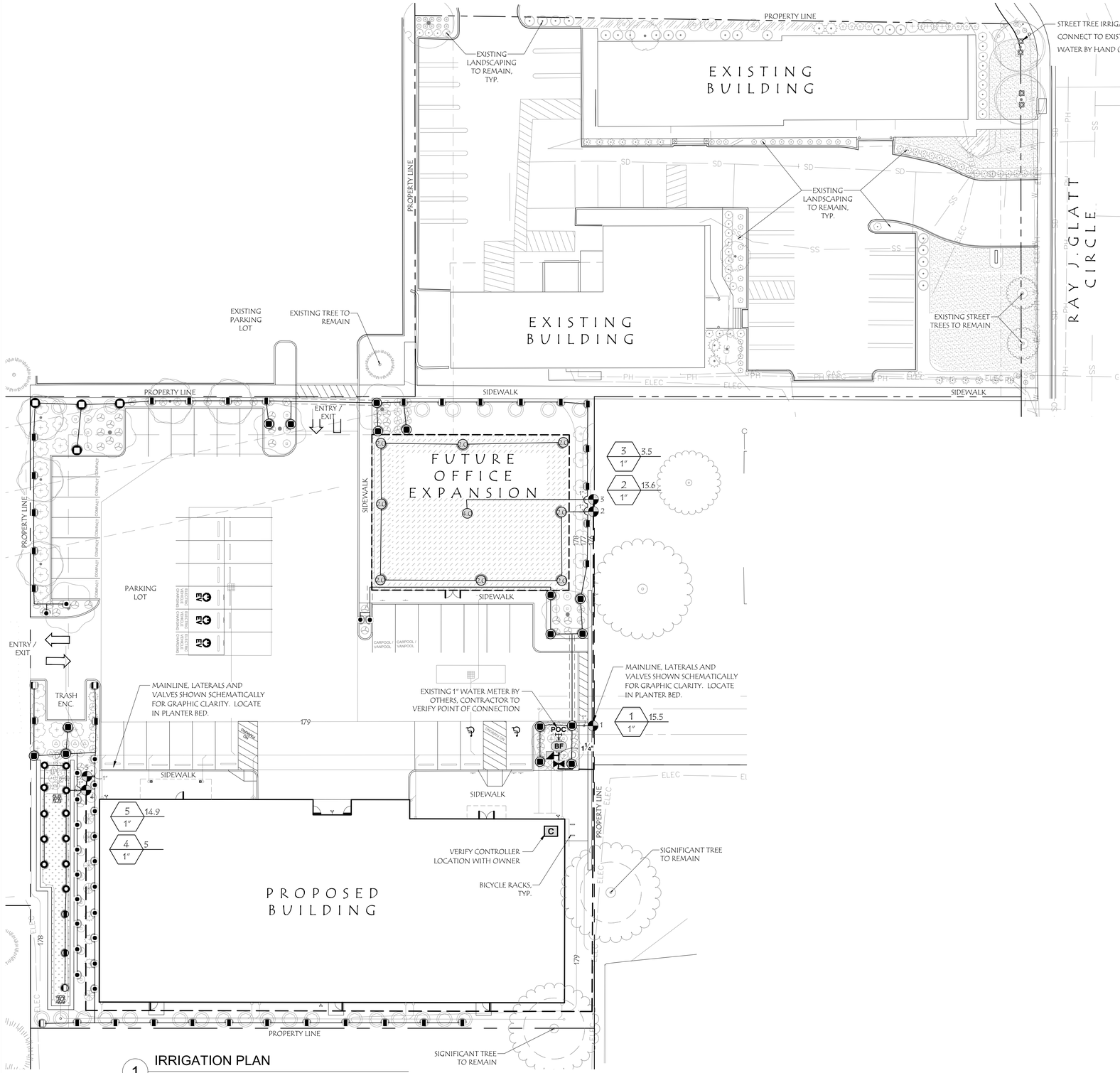

ACC+CO
ARCHITECTURE
COMMUNITY
1100 Liberty St SE,
Suite 200
Salem, OR 97302-5385
P: 503.581.4114
www.accoac.com


WOODBURN CONSTRUCTION

--- RAY J GLATT CIRCLE
WOODBURN, OR 97071

SHEET L1.3

PLANTING DETAILS




## GENERAL NOTES:

1. VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. SEE CIVIL DRAWINGS. CALL BEFORE YOU DIG. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
2. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN.
3. SEE CIVIL DRAWINGS FOR GRADING, UTILITIES AND STORMWATER.
4. STREET TREES SELECTED FROM CITY OF WOODBURN APPROVED STREET TREES FOR PLANTERS 6' WIDE.
5. IRRIGATION SCHEDULE SEE THIS SHEET.
6. IRRIGATION NOTES AND DETAILS SEE SHEET L2.2.
7. PLANTING PLAN SEE SHEET L1.1.

## LEGEND:

EXISTING TREES TO REMAIN

VALVE CALLOUT
#" Valve Number
# Valve Flow
#" Valve Size

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY* | PSI |
|---|---|---|---|
| LST SST RST | HUNTER MP STRIP PROS-00-PRS40<br>SHRUB ROTATOR, FIXED ON 24" RISER, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE LCS=IVORY LEFT STRIP, SS=BROWN SIDE STRIP, RCS=COPPER RIGHT STRIP. | 3 | 40 |
| LST SST RST | HUNTER MP STRIP PROS-06-PRS40-CV-F<br>SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP ON PRS40 BODY. | 35 | 40 |
| 1000 | HUNTER MP1000 PROS-06-PRS40-CV-F<br>SHRUB ROTATOR, 6IN. POP-UP WITH CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC ON PRS40 BODY. | 16 | 40 |
| 2000 | HUNTER MP2000 PROS-06-PRS40-CV-F<br>SHRUB ROTATOR, 6IN. POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY. | 4 | 40 |
| 800 A 800 F | HUNTER MP800SR PROS-00-PRS40<br>SHRUB ROTATOR, FIXED ON 24" RISER, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ADJ=ORANGE AND GRAY (ARC 90-210), 360=LIME GREEN AND GRAY (ARC 360) | 11 | 40 |
| 800 A 800 F | HUNTER MP800SR PROS-06-PRS40-CV-F<br>SHRUB ROTATOR, 6IN. POP-UP WITH CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. ADJ=ORANGE AND GRAY ( ARC 90-210), 360=LIME GREEN AND GRAY (ARC 360) | 23 | 40 |
| 0.25 0.50 | HUNTER RZWS-SLEEVE-18-CV<br>18IN. LONG RZWS WITH FILTER FABRIC SLEEVE, .25 GPM OR .50 GPM BUBBLER OPTIONS, CHECK VALVE, 1/2IN. SWING JOINT FOR CONNECTION TO 1/2IN. PIPE | 4 | 30 |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY* | PSI | GPM | RADIUS |
|---|---|---|---|---|---|
| 2.0 | HUNTER I-20-04 2.0<br>TURF ROTOR, 4IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. | 8 | 35 | 1.7 | 33' |
| 4.0 | HUNTER I-20-04 4.0<br>TURF ROTOR, 4IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER. DRAIN CHECK VALVE. STANDARD NOZZLE. | 1 | 35 | 3.5 | 39' |

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY* |
|---|---|---|
| | HUNTER PGV-101G<br>1" PLASTIC ELECTRIC REMOTE CONTROL VALVE, FOR RESIDENTIAL/LIGHT COMMERCIAL USE. FEMALE NPT INLET/OUTLET. GLOBE CONFIGURATION, WITH FLOW CONTROL. | 5 |
| | HUNTER HQ-44LRC<br>QUICK COUPLER VALVE, YELLOW RUBBER LOCKING COVER, RED BRASS AND STAINLESS STEEL, WITH 1" NPT INLET, 2-PIECE BODY. | 1 |
| | SHUT OFF VALVE<br>BRASS, LINE SIZE | 1 |
| BF | ZURN 950XL 1"<br>DOUBLE CHECK VALVE ASSEMBLY | 1 |
| C | HUNTER P2C-400 WITH (01) PCM-300<br>(VERIFY LOCATION WITH OWNER)<br>LIGHT COMMERCIAL & RESIDENTIAL CONTROLLER, 7-STATION EXPANDED MODULE CONTROLLER, 120 VAC, OUTDOOR/INDOOR MODEL | 1 |
| POC | POINT OF CONNECTION 1" (CONTRACTOR TO VERIFY) | 1 |
| ——— | IRRIGATION LATERAL LINE: 1" PVC CLASS 200 SDR 21 | 1,605 LF |
| — — — — | IRRIGATION MAINLINE: PVC SCHEDULE 40 | 524 LF |
| = = = = = = = = = | PIPE SLEEVE: 4" PVC SCHEDULE 40 | 77 LF |

*QUANTITIES FOR ESTIMATING PURPOSES ONLY

## VALVE SCHEDULE

| NUMBER | MODEL | SIZE | TYPE | GPM | WIRE | PSI | PSI @ POC | PRECIP |
|---|---|---|---|---|---|---|---|---|
| 1 | HUNTER PGV-101G | 1" | SHRUB ROTARY | 15.53 | 55.6 | 48.1 | 54.3 | 0.38 in/h |
| 2 | HUNTER PGV-101G | 1" | TURF ROTOR | 13.6 | 139.9 | 39.0 | 46.2 | 0.51 in/h |
| 3 | HUNTER PGV-101G | 1" | TURF ROTOR | 3.5 | 144.7 | 36.7 | 42.4 | 0.24 in/h |
| 4 | HUNTER PGV-101G | 1" | SHRUB ROTARY | 5 | 419.5 | 42.0 | 48.3 | 0.6 in/h |
| 5 | HUNTER PGV-101G | 1" | SHRUB ROTARY | 14.91 | 425.0 | 42.7 | 54.6 | 0.58 in/h |
| | Common Wire | | | | 525.6 | | | |


Laurus Designs, LLC
1012 Pine Street
Silverton, Oregon 97381
503.784.6494
laurusdesigns.com
PROJECT #: 1662C


REGISTERED 643 LANDSCAPE ARCHITECT
LAURA A. ANTONSON
OREGON
11/16/2007



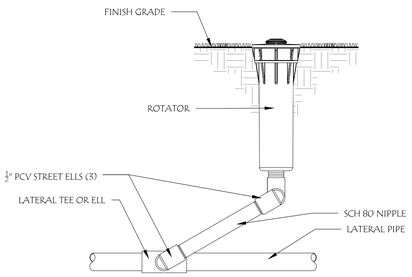
JOB NO. 2024.0041
DATE JUNE 27, 2025
DRAWN KN / LAA
REVISIONS


ACCO ARCHITECTURE COMMUNITY
1100 Liberty St SE, Suite 200
Salem, OR 97302-5385
P: 503.581.4114
www.accoapc.com

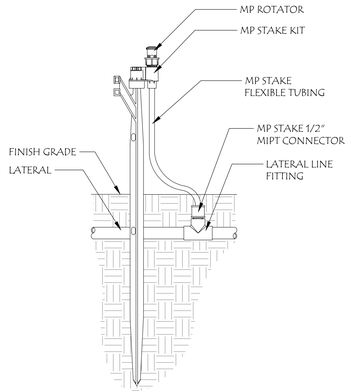

WOODBURN CONSTRUCTION

--- RAY J GLATT CIRCLE
WOODBURN, OR 97071

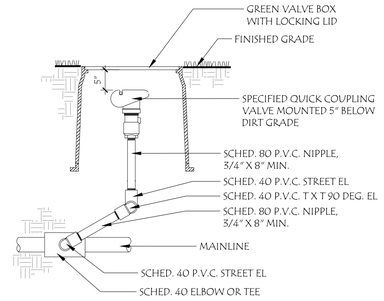
SHEET
L2.1




## 1 MP ROTATOR
SCALE: NTS




## 2 FIXED MP ROTATOR STAKED
SCALE: NTS




NOTE:
SPACE 100' O.C. ALONG THE MAINLINE AND AS NOTED ON PLAN.

## 3 QUICK COUPLER VALVE
SCALE: NTS




## 4 TYPICAL TRENCHING
SCALE: NTS



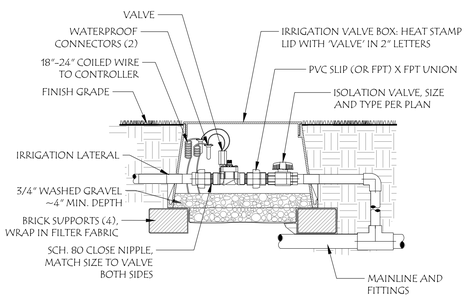

NOTES:
1. EXTEND IRRIGATION SLEEVE 6" BEYOND EACH SIDE OF PAVING.
2. 18" MIN. DEPTH OF MAINLINE
3. 14" MIN. DEPTH OF LATERAL @ PAVING
4. 24" MIN. DEPTH OF LINES UNDER DRIVING SURFACES

## 5 IRRIGATION SLEEVES
SCALE: NTS

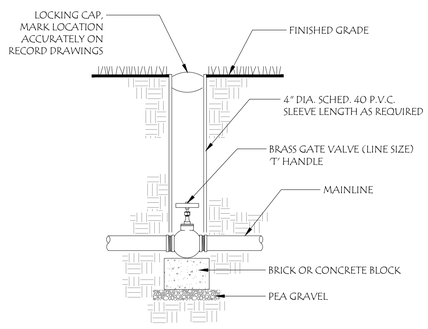



NOTE:
MANUAL DRAIN VALVES ARE TO BE PLACED AT ALL
LOW POINTS IN MAINLINE THROUGHOUT THE SITE.

## 6 MANUAL DRAIN VALVE
SCALE: NTS




## 7 CONTROL ZONE VALVE
SCALE: NTS




## 8 BRASS SHUT OFF VALVE
SCALE: NTS

## IRRIGATION NOTES:

1. IRRIGATION SYSTEM DESIGN BASED ON 19.6 GPM AT 60 PSI. IF METER SIZE, FLOW (GPM) AND/OR STATIC PRESSURE (PSI) VARY, CONTACT LANDSCAPE ARCHITECT.
2. IRRIGATION DESIGN IS FROM THE POINT OF CONNECTION (POC) ONLY. IRRIGATION CONTRACTOR IS TO VERIFY POINT OF CONNECTION IN THE FIELD. INSTALLER IS TO CONFIRM THE MINIMUM DISCHARGE REQUIREMENTS OF THE POINT OF CONNECTION AS INDICATED ON THE LEGEND PRIOR TO INSTALLATION.
3. THE PRESSURE REQUIREMENT AT THE POINT OF CONNECTION IS BASED ON NO MORE THAN 5-FEET OF ELEVATION CHANGE IN THE AREAS OF IRRIGATION.
4. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ACCORDING TO LOCAL BUILDING, ELECTRICAL AND PLUMBING CODES.
5. IRRIGATION CONTRACTOR WILL ARRANGE INSPECTIONS REQUIRED BY LOCAL AGENCIES AND ORDINANCES DURING THE COURSE OF CONSTRUCTION AS REQUIRED. ALL WIRING TO BE PER LOCAL CODE. BACKFLOW PREVENTION PER LOCAL CODE.
6. LOCATION OF IRRIGATION COMPONENTS SHOWN ON DRAWINGS IS APPROXIMATE. ACTUAL PLACEMENT MAY VARY SLIGHTLY. PIPE LOCATIONS ARE DIAGRAMMATIC. VALVES AND MAINLINE SHOWN IN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY. ADJUST SLEEVE LOCATIONS AS NEEDED. USE ADDITIONAL SLEEVES SO THERE IS A MAXIMUM OF TWO LINES PER SLEEVE. LOCATE VALVES AT EDGE OF PLANT BEDS OR LAWN FOR GOOD ACCESS. PLACE VALVES INSIDE ROW LIMITS IF POSSIBLE, FIELD VERIFY.
7. INSTALL IRRIGATION MAINS WITH A MINIMUM 18" OF COVER BASED ON FINISH GRADES. INSTALL IRRIGATION LATERALS WITH A MINIMUM 12" OF COVER BASED ON FINISH GRADES. BACKFILL TRENCHES WITH NATIVE ON-SITE SOIL, FREE OF ROCK AND OTHER DELETERIOUS MATERIAL IN 4" LIFTS, TAMPING FIRMLY TO ENSURE COMPACTION, MATCH GRADE TO EXISTING PLANTER AREAS. IRRIGATION SLEEVES AT DRIVING SURFACES TO BE 24" DEEP. BACKFILL WITH NATIVE ON-SITE SOIL, FREE OF ROCK AND OTHER DELETERIOUS MATERIAL IN 4" LIFTS, TAMPING FIRMLY TO ENSURE COMPACTION. SEE CIVIL DRAWINGS FOR PAVEMENT DETAILS. SHARE TRENCHES WHENEVER POSSIBLE.
8. USE IN-LINE CHECK VALVES TO AVOID LOW LINE DRAINAGE.
9. PLACE ISOLATION VALVES AT POINT OF CONNECTION AND EACH VALVE BOX.
10. LAWN ROTORS: 4" POP-UPS IN LAWN AREAS, SEE HEAD TYPES IN LEGEND. KEEP 2" FROM PAVING AND 4" FROM WALLS.
11. SHRUB ROTATORS: 6" POP-UPS IN PLANTER AREAS, SEE HEAD TYPES IN LEGEND. KEEP 2" FROM PAVING AND 4" FROM WALLS.
12. SHRUB ROTATORS: FIXED ROTATORS WITH 24" HEIGHT STAKES.
13. CONTRACTOR MAY ADJUST HEAD RADIUS/NOZZLE SIZE TO IMPROVE FOR FULL PLANT COVERAGE. NOTIFY LANDSCAPE ARCHITECT FOR RECORD KEEPING.
14. VALVE BOXES: RAINBIRD VB-6RND OR APPROVED EQUAL. VALVE BOXES LOCATED WITHIN LANDSCAPE AREAS ARE TO HAVE A GREEN LID. VALVE BOXES LOCATED IN CONCRETE PAVEMENT ARE TO HAVE BLACK LID. IRRIGATION BOXES AT RAISED PLANTERS ARE TO HAVE 'METER HATCH' TO ACCESS ISOLATION VALVES.
15. CONTROLLER: EXTERIOR, VERIFY LOCATION WITH OWNER.
16. ALL WIRE SPLICES OR CONNECTIONS SHALL BE MADE WITH APPROVED WATERPROOF WIRE CONNECTORS AND BE IN A VALVE OR SPLICE BOX.
17. ALL CONTROL WIRING DOWNSTREAM OF THE CONTROLLER IS TO BE 14 AWG, UL APPROVED DIRECT BURY.
18. CONTRACTOR TO PROVIDE AS-BUILTS TO CLIENT AND INCLUDE ZONE INFORMATION IN CONTROLLER BOX.
19. THE DESIGN IS BASED ON THE SITE INFORMATION AND/OR DRAWING SUPPLIED WITH THE DESIGN CRITERIA BEING SET.AREA TO BE IRRIGATED, EQUIPMENT MANUFACTURER AND MODEL TO BE USED, WATER SOURCE INFORMATION, ELECTRICAL POWER AVAILABILITY, ETC...).
20. STREET TREE IRRIGATION: PLANTS TO BE MONITORED FROM MAY 15TH THROUGH OCTOBER 15TH AND WILL REQUIRE SUPPLEMENTAL WATERING THE FIRST TWO GROWING SEASON OF AT LEAST 1" OF WATER PER WEEK PER PLANT. PLANTS WILL BE HAND WATERED BY WATER SOURCES FROM BUILDING EXTERIOR. WATER DEEPLY AT ROOT BALL. 1" OF WATER IS ROUGHLY THE EQUIVALENT OF 20 GALLONS PER TREE. TREE WATERING BAGS OR TREE DIAPER MAY BE USED TO HELP ESTABLISH TREES. MONITOR PLANTS IN THIRD GROWING SEASON FOR ANY SIGNS OF DISTRESS AND SUPPLEMENT WITH WATER AS NEEDED.

## PVC PIPE SIZING SCHEDULE:

PIPE SIZING IS BASED ON GALLONS PER MINUTE (GPM) DEMAND DOWNLINE. FLOW VELOCITIES IN PIPE SHALL NOT EXCEED 5 FEET PER SECOND.

| MAX. GPM, CLASS 200 PVC PIPE | MAX. GPM, SCHEDULE 40 PVC PIPE |
|---|---|
| 3/4" = 10 GPM | 3/4" = 8 GPM |
| 1" = 16 GPM | 1" = 12 GPM |
| 1 1/4" = 26 GPM | 1 1/4" = 22 GPM |
| 1 1/2" = 35 GPM | 1 1/2" = 30 GPM |
| 2" = 55 GPM | 2" = 50 GPM |
| 2 1/2" = 80 GPM | 2 1/2" = 70 GPM |
| 3" = 120 GPM | 3" = 110 GPM |
| 4" = 200 GPM | 4" = 190 GPM |

## GENERAL NOTES:

1. VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. SEE CIVIL DRAWINGS. CALL BEFORE YOU DIG. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
2. SEE ARCHITECTURAL DRAWINGS FOR SITE PLAN.
3. SEE CIVIL DRAWINGS FOR GRADING, UTILITIES AND STORMWATER.
4. STREET TREES SELECTED FROM CITY OF WOODBURN APPROVED STREET TREES FOR PLANTERS 6' WIDE.
5. IRRIGATION SCHEDULE SEE SHEET L2.1.
6. IRRIGATION NOTES AND DETAILS SEE THIS SHEET.
7. PLANTING PLAN SEE SHEET L1.1.

Laurus Designs, LLC
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Silverton, Oregon 97381
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SHEET L2.2

IRRIGATION NOTES & DETAILS