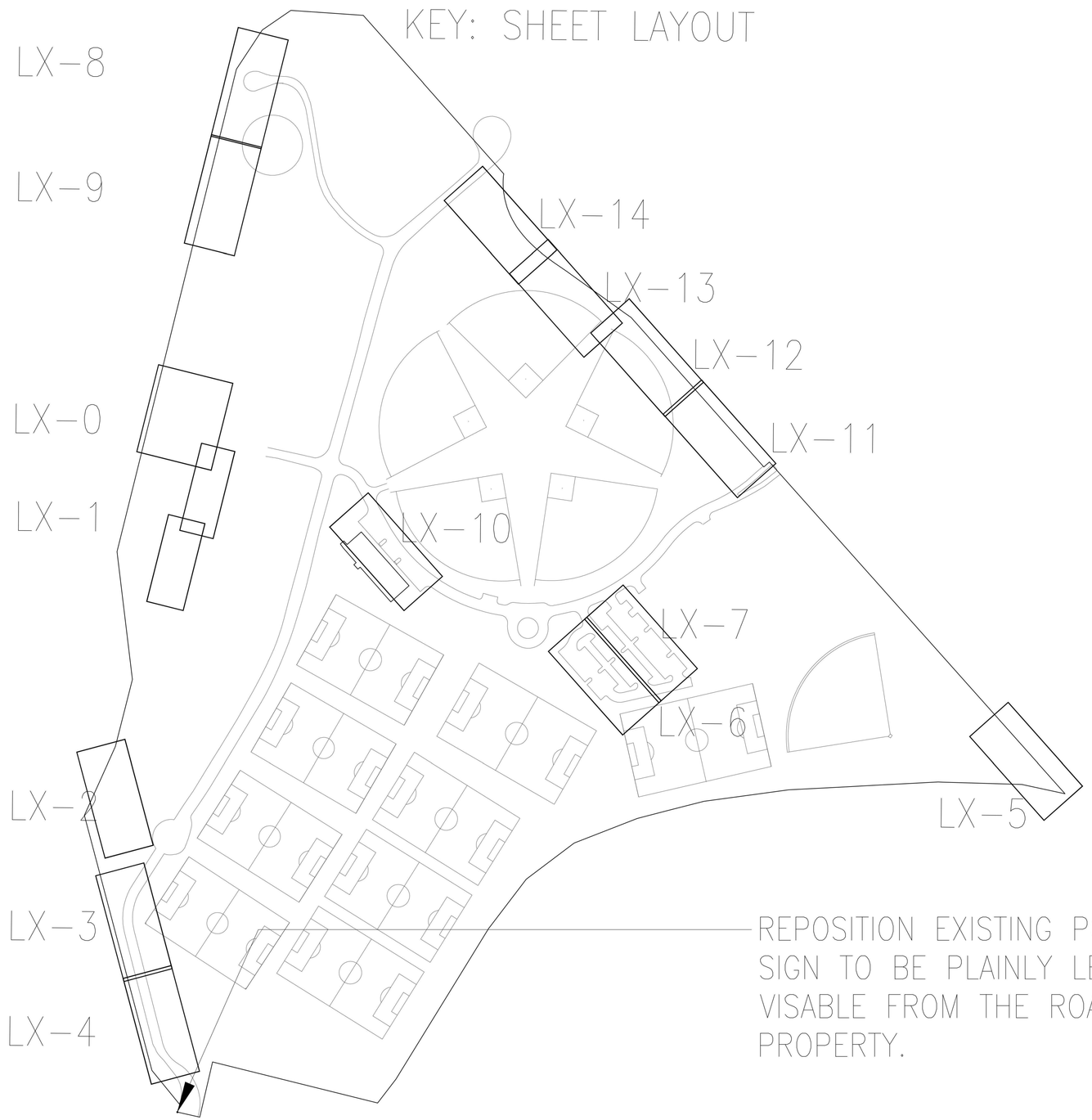

REPOSITION EXISTING POSTED ADDRESS SIGN TO BE PLAINLY LEGIBLE AND VISABLE FROM THE ROAD FRONTING THE PROPERTY.

PLOTTED BY: $USERNAME$ PLOTTED FROM: $COMPUTERNAME$

PLOTTED ON: $DATE$

DRAWING: $FILE$

1	KEY SHEET LAYOUT

NORTH

LANDO AND ASSOCIATES
landscape architecture
6607 SE SCOTT DRIVE
PORTLAND | OREGON | 97215
503.233.6600 | Lando_Landscapearchitecture.com

NOTE:
SCALE INDICATED ON DRAWING IS CORRECT IF DRAWING BORDER IS 22" X 34".

PORTLAND PARKS & RECREATION
Healthy Parks, Healthy Portland

opsis
503.525.9511
www.opsisarch.com
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PORTLAND | OREGON | 97209

PERMIT / BID SET
08.30.2018

REGISTERED LANDSCAPE ARCHITECT
OREGON
1992

Portland Parks and Recreation
Amanda Fritz, Commissioner Kira Selley, Interim Director
10910 N Denver, Portland, OR 97217

Landscape Sheet Key Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

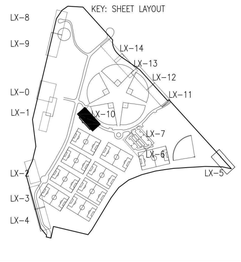
REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L0-00

Job No.
4655-01



TREE PROTECTION NOTES:

1.) PROTECT ALL TREES AND SHRUBS INDICATED TO REMAIN.
2.) WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
3.) OBTAIN ACCEPTANCE OF HORIZONTAL ALIGNMENT OF ELEMENTS IN THE FIELD PRIOR TO INSTALLATION.

LEGEND

- EXISTING TREE
- REVOMAL OF TREE
- ROOT PROTECTION ZONE (LIMITS)
- HAND EXCAVATE ONLY WITHIN ROOT PROTECTION ZONE
- TREE ROOT PROTECTION ZONE FENCING
- (4) REPLACEMENT / MITAGATION TREES –PLANTED SUMMER 2016
- TEMPORARY STRAW WADDLE, AS–NEED TO PREVENT OFF–SITE EROSION

TREE REMOVAL CHART

I.D.	SIZE	SPECIES	MITAGATED / EXEMPT
00004	44"	POPULAR	EXEMPT (POOR HEALTH)

NOTES:

LAYOUT NOTES

1.) THIS LAYOUT PLAN IS BASED ON THE SITE SURVEY INFORMATION AND EXISTING CONDITIONS PLAN PROVIDED BY THE ARCHITECT AND CIVIL ENGINEER. THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES FOUND.
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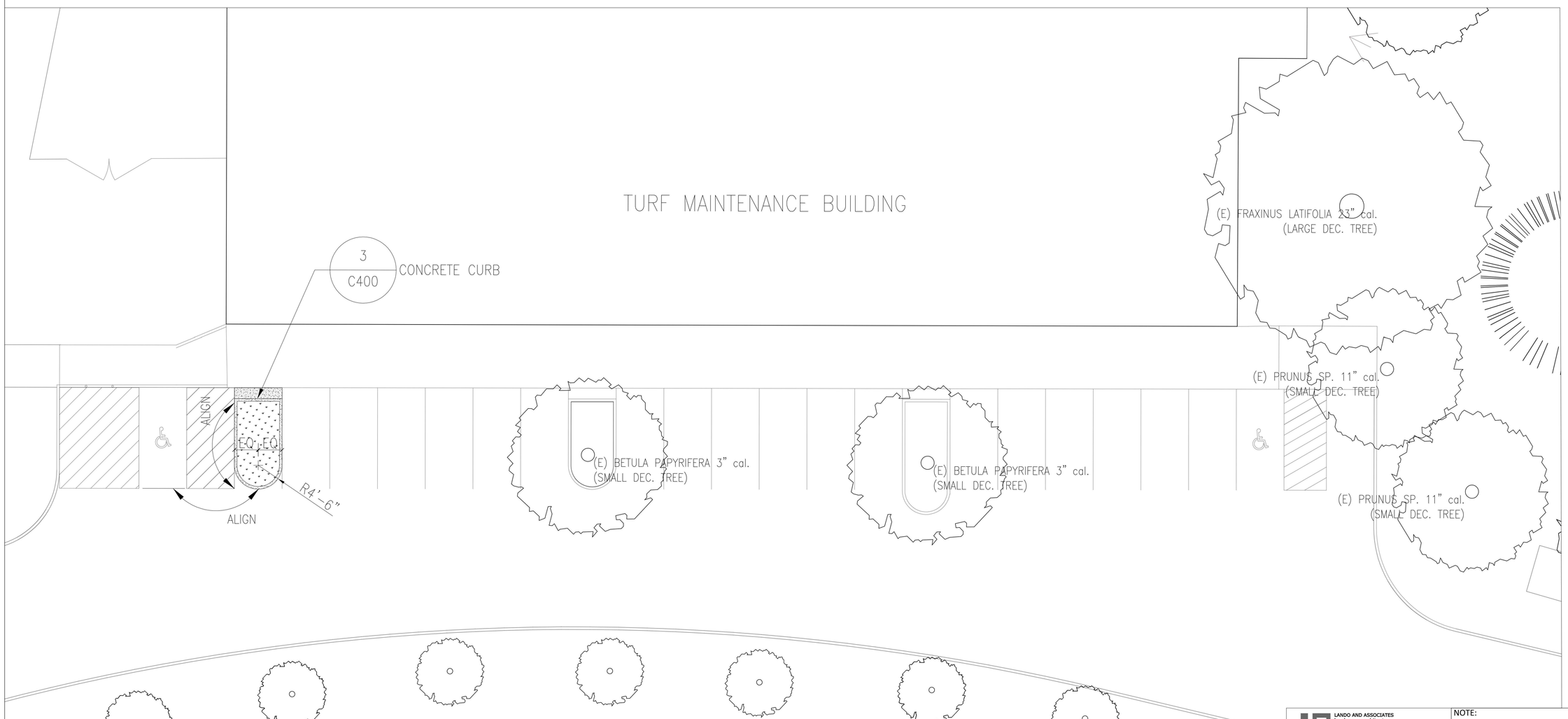
4.) OBTAIN ACCEPTANCE OF LAYOUT (HORIZONTAL ALIGNMENT) OF ELEMENTS IN THE FIELD PRIOR TO INSTALLATION.
5.) CONCRETE AND CONCRETE UNIT PAVING PATTERNS ARE NOT SHOWN ON THIS SHEET FOR CLARITY.
6.) ROUGH AND FINE GRADING SHALL BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
7.) SET STRAIGHT GRADES BETWEEN ELEVATIONS UNLESS OTHERWISE NOTED.
8.) VERIFY AND ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING AT 0.01 SLOPE MINIMUM.
9.) MATCH EXISTING ELEVATIONS WHERE NEW PAVING ABUTS EXISTING PAVING.
10.) PROTECT EXISTING UTILITIES, SEE GENERAL NOTES.
11.) PROVIDE CROSS SLOPE OF 1% MINIMUM ON ALL CONCRETE PATHS.
12.) MAXIMUM PAVING SLOPE IS 2.0% UNLESS NOTED

MATERIALS LEGEND:

- APHALT PAVING
- CONCRETE PAVING
- REMOVE PAVING
- PLANTING AREA



1 LANDSCAPE LAYOUT

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

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503.233.8400 | lando_landscapearchitecture.com

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PERMIT / BID SET
08.30.2018

REGISTERED LANDSCAPE ARCHITECT
STEVEN P. SCHUMANN
OREGON
1998

Portland Parks and Recreation
Amanda Fritz, Commissioner Kira Selley, Interim Director

Landscape Layout & Materials Plan
Urban Forestry Maintenance Facility
10910 N Denver, Portland, OR 97217

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SCALE:
DATE: 10.04.2019
SECTION:

REVISIONS

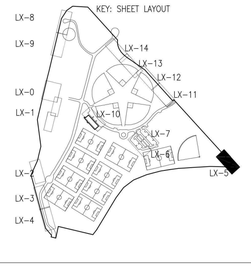
DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

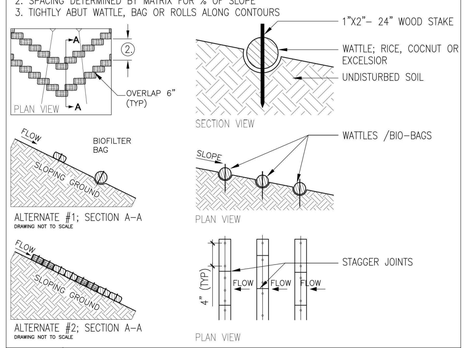
L1-10

Job No.
4655-01

PLOTTED FROM: $COMPUTERNAME$
PLOTTED BY: $USERNAME$
PLOTTED ON: $DATE$
DRAWING: $FILE$

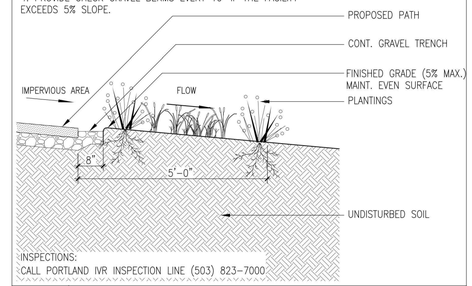


NOTE:
1. STAKING OF WATTLE, BAGS OR ROLLS WITH EITHER METHOD BELOW USING (2) 1"x 2" WOOD STAKES PER BAG OR ROLL.
2. SPACING DETERMINED BY MATRIX FOR % OF SLOPE
3. TIGHTLY ABUT WATTLE, BAG OR ROLLS ALONG CONTOURS



3 — DETAIL: INSTALLATION: STRAW WATTLE /BIO–BAGS
CAD FILE: FILEPATH.DWG — SCALE: 1/2" = 1'–0"

NOTES:
1. PROVIDE PROTECTION FROM VEHICLE TRAFFIC, EQUIPMENT STAGGING AND FOOT TRAFFIC DURING CONSTRUCTION
2. SETBACKS:
   PROPERTY LINES 5FT
   BUILDINGS 10FT
   WETLANDS 50FT
3. GROWING MEDIUM: USE EXISTING SOIL. TOP DRESS AS SPECIFIED.
4. PROVIDE CHECK GRAVEL BERMS EVERY 10' IF THE FACILITY EXCEEDS 5% SLOPE.



INSPECTIONS:
CALL PORTLAND IVR INSPECTION LINE (503) 823–7000

2 — DETAIL: STORMWATER FACILITY; FILTER STRIP
CAD FILE: D_SW–FILTERSTRIP.DWG — SCALE: 1/2" = 1'–0"

TREE PROTECTION NOTES:

1.) PROTECT ALL TREES AND SHRUBS INDICATED TO REMAIN.
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3.) OBTAIN ACCEPTANCE OF HORIZONTAL ALIGNMENT OF ELEMENTS IN THE FIELD PRIOR TO INSTALLATION.

LEGEND

- EXISTING TREE — (E) RED MAPLE DBH #10
- REVOMAL OF TREE — (E) CHEST DIM DBH #10
- ROOT PROTECTION ZONE (LIMITS)
- HAND EXCAVATE ONLY WITHIN ROOT PROTECTION ZONE
- TREE ROOT PROTECTION ZONE FENCING
- (4) REPLACEMENT / MITAGATION TREES –PLANTED SUMMER 2016
- TEMPORARY STRAW WADDLE, AS–NEED TO PREVENT OFF–SITE EROSION

TREE REMOVAL CHART

I.D.	SIZE	SPECIES	MITAGATED / EXEMPT
00004	44"	POPULAR	EXEMPT (POOR HEALTH)

MATERIALS LEGEND:

- APHALT PAVING
- CONCRETE PAVING
- REMOVE PAVING
- STORMWATER FACILITY; FILTER STRIP

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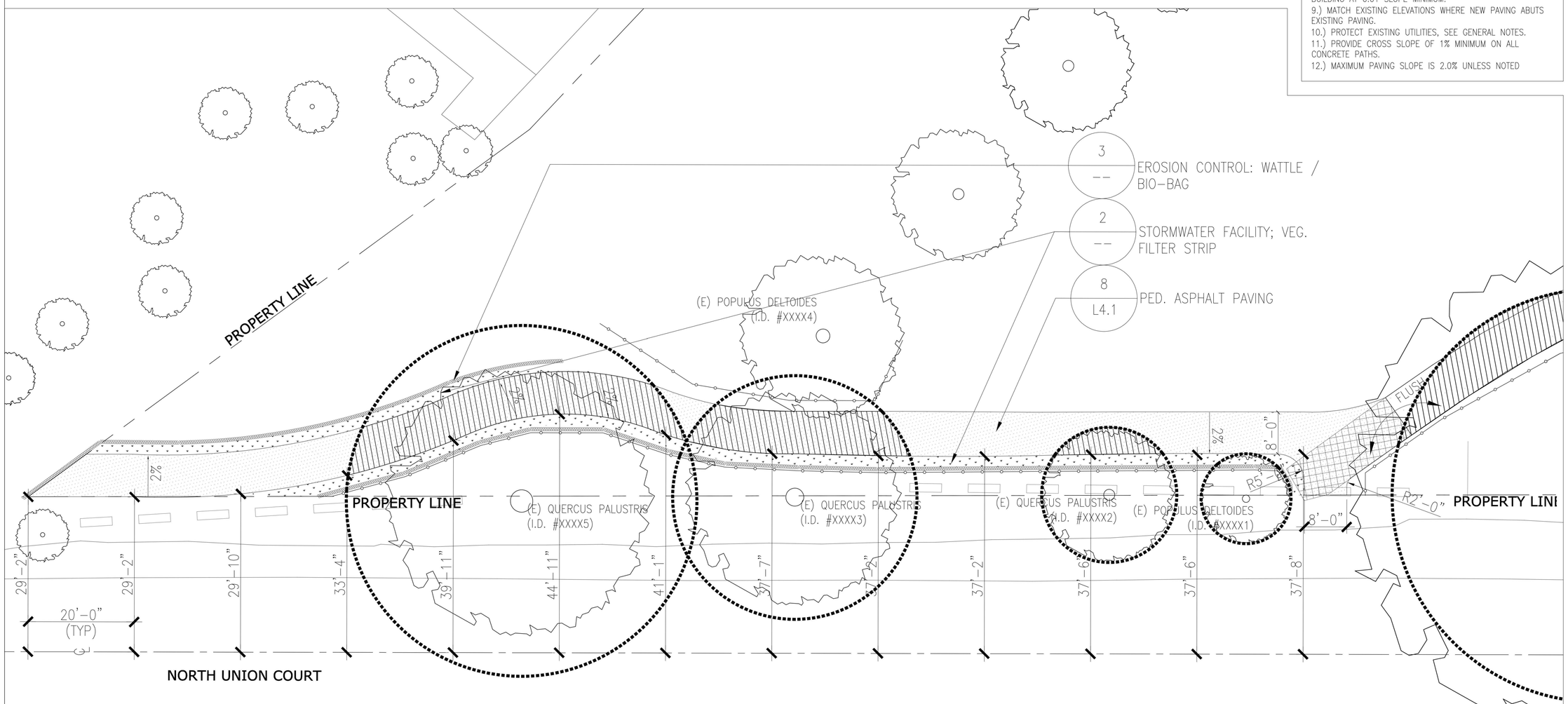

1 — LANDSCAPE LAYOUT

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

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PERMIT / BID SET
08.30.2018

REGISTERED LANDSCAPE ARCHITECT — OREGON — 1998

Portland Parks and Recreation
Urban Forestry Maintenance Facility
10910 N Denver, Portland, OR 97217

Landscape Layout & Materials Plan

Amanda Fritz, Commissioner — Kira Selley, Interim Director
PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SECTION:
DATE: 10.04.2019
SCALE:

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L1-5

Job No. 4655-01

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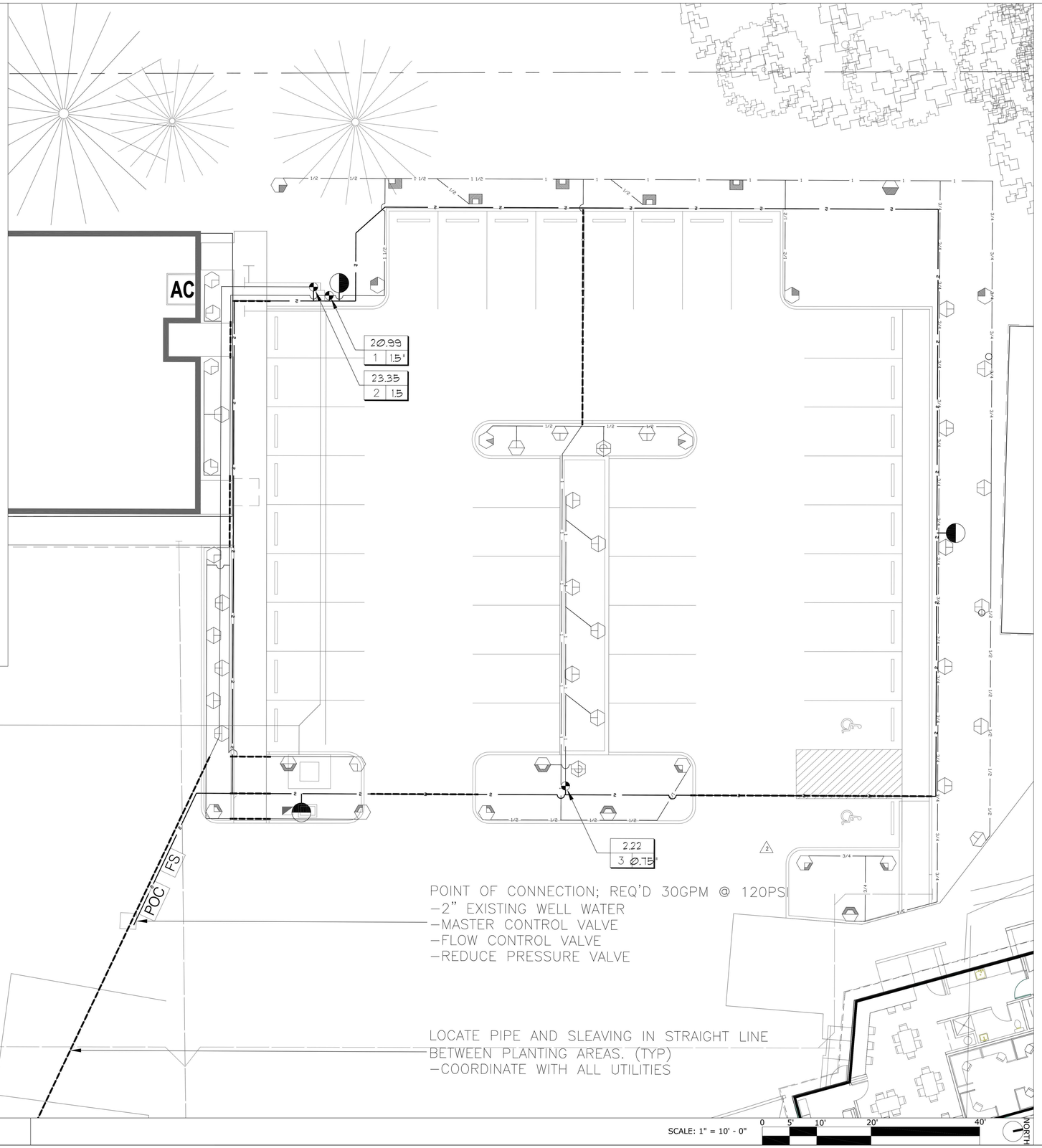
PLOTTED BY: $USERNAME$
PLOTTED ON: $DATE$
DRAWING: $FILE$

NOTES:

IRRIGATION NOTES

1.) INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
2.) IRRIGATION PLANS ARE DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT SHALL BE PLACED IN PLANTED AREAS WHENEVER POSSIBLE. FIELD ADJUST LINES TO AVOID CONFLICT WITH UTILITIES AND EXISTING CONDITIONS.
3.) SYSTEM IS DESIGNED TO OPERATE WITH STATIC PRESSURE BETWEEN 50 AND 70 PSI WITH A MINIMUM 30 GPM AT POINT OF CONNECTION.
4.) HEAD LAYOUT AND ZONES ARE BASED ON THE DATA AS SHOWN IN IRRIGATION LEGEND. CONTRACTOR SHALL VERIFY GPM AND PSI AT POC PRIOR TO STARTING WORK. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF ACTUAL FIELD DATA DIFFERS FROM THIS INFORMATION.
5.) IRRIGATION LATERALS ARE SIZED STARTING AT VALVE AND CONTINUING IN DIRECTION OF FLOW. REDUCTIONS IN PIPE SIZE ARE LABELED BEGINNING DOWNSTREAM OF NEAREST FITTING. ALL LATERALS NOT SIZED ARE MINIMUM ¾" OR SAME SIZE AT NEAREST ADJACENT PIPE.
6.) CONTRACTOR SHALL FIELD MARK LAYOUT OF TRENCHES AND VALVE LOCATIONS FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
7.) EXCEPT WHERE SLEEVES ARE SHOWN, MAINLINE IS SHOWN BENEATH PAVING SURFACES FOR GRAPHIC CLARITY ONLY. ACTUAL LOCATION IS IN P.A., UNLESS OTHERWISE NOTED.
8.) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL SLEEVING UNDER ALL HARDSCAPE SURFACES. CONTRACTOR SHALL VERIFY WITH LANDSCAPE ARCHITECT ALL SLEEVE LOCATIONS, QUANTITIES AND SIZES TO ACCOMMODATE ALL IRRIGATION PIPING SHOWN.
9.) CONTRACTOR SHALL COORDINATE IRRIGATION POINT OF CONNECTION AND LOCATION OF AUTOMATIC CONTROLLER. COORDINATE ALL WORK WITH OTHER TRADES INVOLVED.
10.) ALL COMPONENTS OF IRRIGATION SYSTEM SHALL BE INSTALLED AND ADJUSTED TO PROVIDE ADEQUATE COVERAGE AND MINIMIZE OVERSPRAY ONTO BUILDINGS, WALKS AND ROADS.
11.) ALL VALVES SHALL BE LOCATED IN A MANNER THAT FACILITATES ACCESS FOR MAINTENANCE. SIZE BOXES TO ACCOMMODATE COMPLETE VALVE ASSEMBLY PER DETAILS. MAINTAIN 18" BETWEEN VALVE BOXES AND ADJACENT VALVES BOXES AND/OR PAVEMENT.
12.) ALL VALVE BOX COVERS SHALL BE BLACK, AND INSTALLED PERPENDICULAR TO WALKS, CURBS AND/OR WALLS.
13.) INSTALL TWO VALVES IN ONE VALVE BOX WHENEVER POSSIBLE, INSTALL 'JUMBO BOX' WHEN TWO CONTROL VALVES ARE ADJACENT TO QUICK COUPLING VALVE.
14.) INSTALL IRRIGATION HEADS: PERPENDICULAR TO SLOPE OF FINISHED GRADES, FLUSH WITH ALL WALKS AND CURBS, AND 1" MIN. FROM ALL WALKS AND WALLS.
15.) CONTRACTOR SHALL PROVIDE, INSTALL AND MAKE POWER CONNECTIONS TO CONTROLLER TO ALLOW FOR COMPLETE WORKING SYSTEM.
16.) A WATER WINDOW TIME (12:00 A.M. TO 5:00 A.M.) WILL BE REQUIRED TO PROVIDE FOR ADEQUATE SOIL IRRIGATION DURING PEAK SUMMER TIME DEMAND.
17.) PERFORM PRESSURE TEST AND VERIFY PRESSURE AND FLOW RATES SHOWN AT POINTS OF CONNECTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
18.) SLEEVING IS REQUIRED FOR ALL IRRIGATION AND CONTROL WIRE UNDER ALL PAVEMENTS, WALLS, ETC. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF SIZE OF ALL SLEEVING REQUIRED FOR COMPLETE INSTALLATION OF WORK. SLEEVING SHALL BE PVC SCHEDULE 40 PIPE
19.) MAINLINE SHOWN RUNNING PARALLEL TO PAVING EDGE SHALL BE INSTALLED IN ADJACENT PLANTING AREAS AND NOT UNDER PAVEMENT.
20.) VERIFY SITE DIMENSIONS AND EXISTING CONDITIONS INCLUDING LOCATIONS OF UNDERGROUND UTILITIES SUCH AS GAS LINE AND WATER LINES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING CONDITIONS TO REMAIN AND REPAIR OR REPLACEMENT OF ANY SITE DAMAGES.
21.) IRRIGATION PLAN IS DIAGRAMMATIC. PLACE VALVE BOXES/POC AT LOCATIONS APPROVED IN FIELD BY OWNER.



IRRIGATION SCHEDULE

SPRINKLERS

SYM.	SPRINKLER BODY NOZZEL	PATTERN	DETAIL
	HUNTER PROS-PRS40-CV* HUNTER MPCORNER	45-105 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-90	90-210 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-210	210-270 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-360	360 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP2000-90	90-210 DEGREES, 13'-21'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER M2000-360	360 DEGREES, 13'-21'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP3000-90	90-210 DEGREES, 22'-30'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP3000-360	360 DEGREES, 22'-30'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPSS530	SIDE STRIP 5' X 30'	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPLCS515	LEFT CORNER 5' X 15'	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPRCS515	RIGHT CORNER 5' X 15'	11 / L4.0
	HUNTER PROS-06-PRS30 HUNTER PCN-50	TRICKLE BUBBLER	11 / L4.0
	HUNTER PROS-06-PRS30 HUNTER PCN-25	TRICKLE BUBBLER	11 / L4.0
	HUNTER I-20-06-SS	ADJ. ARC, R VARIES	12 / L4.0
	HUNTER I-40-06-SS	ADJ. ARC, R VARIES	12 / L4.0
	HUNTER I-40-06-ON	360 DEGREES, OPPPOSING NOZZLES, R VARIES	12 / L4.0
	HUNTER I-20-12 MPR-25-90	90 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-120	120 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-180	180 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-360	360 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-30-90	90 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-120	120 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-180	180 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-360	360 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-35-90	90 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-120	120 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-180	180 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-360	360 DEGREES, 26'-35'R	12 / L4.0

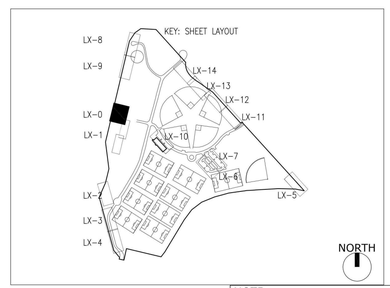
*NOTE: 6" HEIGHT BODIES ARE REQUIRED @ ALL TURF AREAS AND 12" HIGH BODIES ARE REQUIRED @ ALL SHRUB/GROUNDCOVER AREAS.

IRRIGATION EQUIPMENT

SYM.	DESCRIPTION	DETAIL
	TREE ROOT WATERING SYSTEM	1 / L4.1
	REMOTE CONTROL VAVLE	12 / L4.0
	QUICK COUPLER VAVLE	8 / L4.0
	ISOLATION VALVE	5, 6 / L4.0
FS	FLOW SENSOR	10 / L4.0
AC	IRRIGATION CONTROLLER "A"	1 / L4.0
POC	POINT OF CONNECTION	2 / L4.0
	CLASS 200 PVC LATERAL LINE	4 / L4.0
	PVC MAIN LINE	4 / L4.0
	SCH. 40 PVC SLEEVE	3 / L4.0

IRRIGATION SCHEDULE

3500	GALLONS PER MINUTE	
A1 1"	CONTROLLER STATION #	VALVE SIZE



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REGISTERED LANDSCAPE ARCHITECT
OREGON
1998

Portland Parks and Recreation

Amanda Fritz, Commissioner Kira Selley, Interim Director
10910 N Denver, Portland, OR 97217

Landscape Irrigation Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SCALE:
SECTION:
DATE: 10.04.2019

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L2-0

Job No.
4655-01

PLOTTED BY: $USERNAME$
PLOTTED FROM: $COMPUTERNAME$
PLOTTED ON: $DATE$
DRAWING: $FILE$

1 LANDSCAPE IRRIGATION

NOTES:

IRRIGATION NOTES

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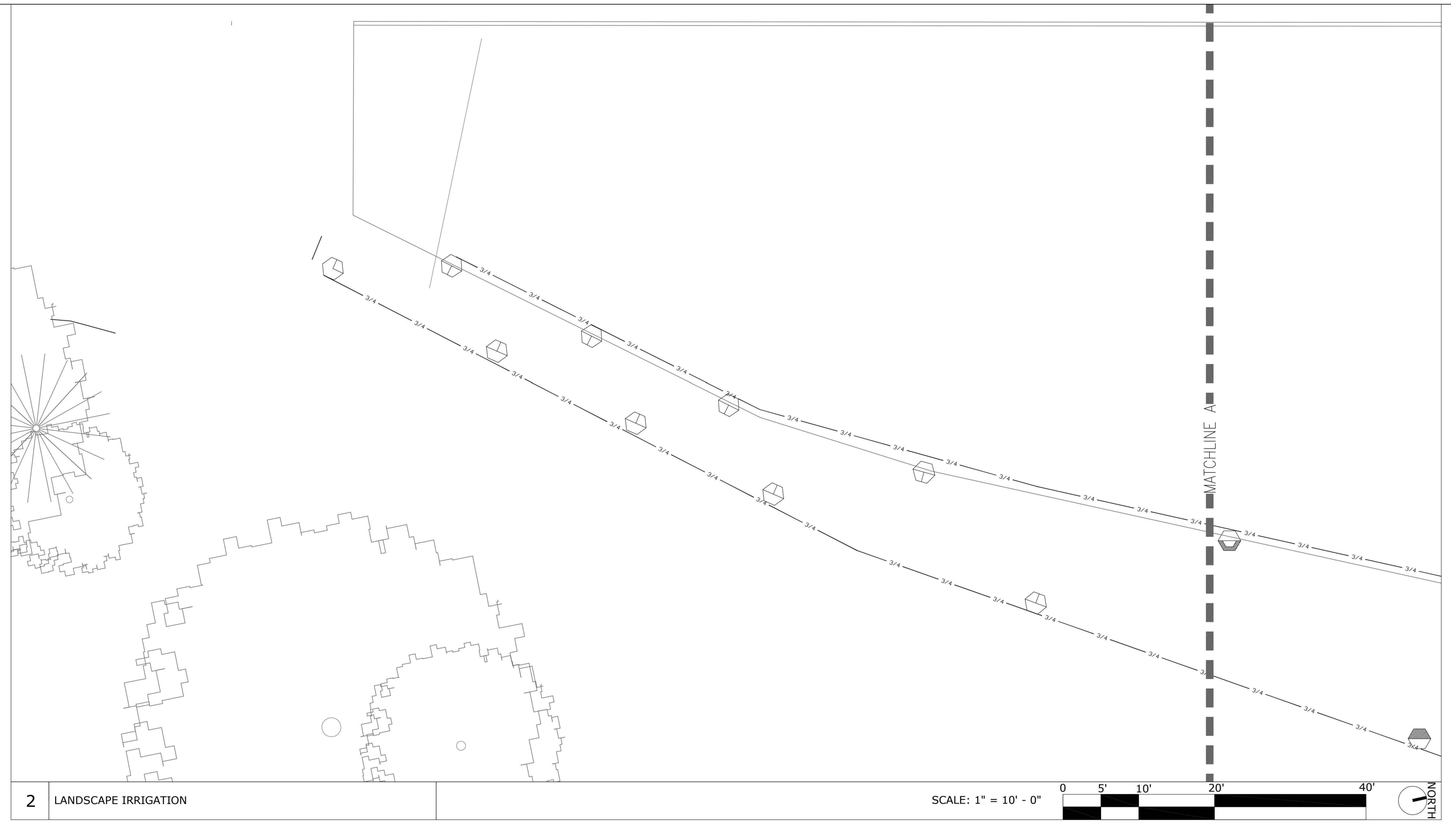
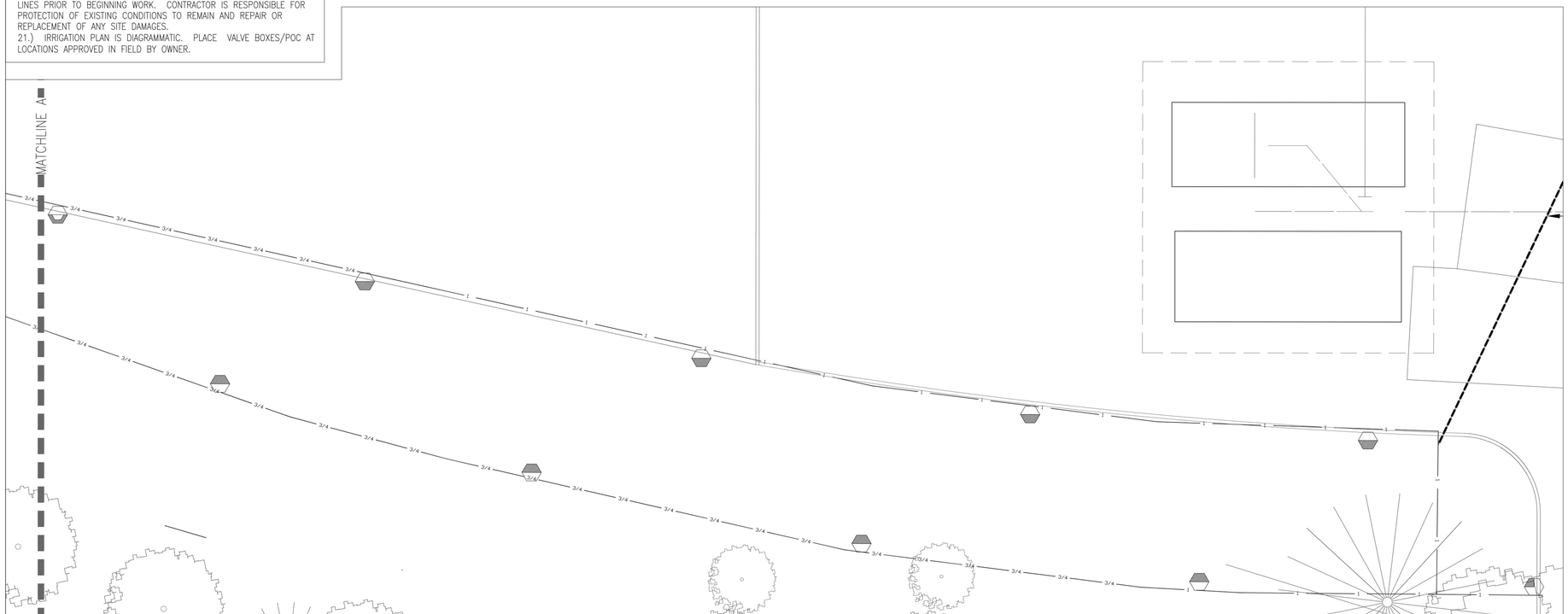
17.) PERFORM PRESSURE TEST AND VERIFY PRESSURE AND FLOW RATES SHOWN AT POINTS OF CONNECTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
18.) SLEEVING IS REQUIRED FOR ALL IRRIGATION AND CONTROL WIRE UNDER ALL PAVEMENTS, WALLS, ETC. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF SIZE OF ALL SLEEVING REQUIRED FOR COMPLETE INSTALLATION OF WORK. SLEEVING SHALL BE PVC SCHEDULE 40 PIPE
19.) MAINLINE SHOWN RUNNING PARALLEL TO PAVING EDGE SHALL BE INSTALLED IN ADJACENT PLANTING AREAS AND NOT UNDER PAVEMENT.
20.) VERIFY SITE DIMENSIONS AND EXISTING CONDITIONS INCLUDING LOCATIONS OF UNDERGROUND UTILITIES SUCH AS GAS LINE AND WATER LINES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING CONDITIONS TO REMAIN AND REPAIR OR REPLACEMENT OF ANY SITE DAMAGES.
21.) IRRIGATION PLAN IS DIAGRAMMATIC. PLACE VALVE BOXES/POC AT LOCATIONS APPROVED IN FIELD BY OWNER.



2 LANDSCAPE IRRIGATION

SCALE: 1" = 10' - 0"



1 LANDSCAPE IRRIGATION

SCALE: 1" = 10' - 0"

IRRIGATION SCHEDULE

SPRINKLERS

SYM.	SPRINKLER BODY NOZZEL	PATTERN	DETAIL
	HUNTER PROS-PRS40-CV* HUNTER MPCORNER	45-105 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-90	90-210 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-210	210-270 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP1000-360	360 DEGREES, 8'-15'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP2000-90	90-210 DEGREES, 13'-21'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER M2000-360	360 DEGREES, 13'-21'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP3000-90	90-210 DEGREES, 22'-30'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MP3000-360	360 DEGREES, 22'-30'R	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPSS530	SIDE STRIP 5' X 30'	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPLCS515	LEFT CORNER 5' X 15'	11 / L4.0
	HUNTER PROS-PRS40-CV* HUNTER MPRCS515	RIGHT CORNER 5' X 15'	11 / L4.0
	HUNTER PROS-06-PRS30 HUNTER PCN-50	TRICKLE BUBBLER	11 / L4.0
	HUNTER PROS-06-PRS30 HUNTER PCN-25	TRICKLE BUBBLER	11 / L4.0
	HUNTER I-20-06-SS	ADJ. ARC, R VARIES	12 / L4.0
	HUNTER I-40-06-SS	ADJ. ARC, R VARIES	12 / L4.0
	HUNTER I-40-06-ON	360 DEGREES, OPPPOSING NOZZLES, R VARIES	12 / L4.0
	HUNTER I-20-12 MPR-25-90	90 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-120	120 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-180	180 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-25-360	360 DEGREES, 19'-25'R	12 / L4.0
	HUNTER I-20-12 MPR-30-90	90 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-120	120 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-180	180 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-30-360	360 DEGREES, 23'-30'R	12 / L4.0
	HUNTER I-20-12 MPR-35-90	90 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-120	120 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-180	180 DEGREES, 26'-35'R	12 / L4.0
	HUNTER I-20-12 MPR-35-360	360 DEGREES, 26'-35'R	12 / L4.0

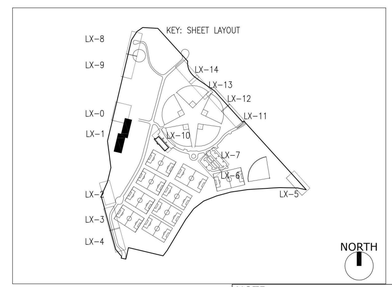
*NOTE: 6" HEIGHT BODIES ARE REQUIRED @ ALL TURF AREAS AND 12" HIGH BODIES ARE REQUIRED @ ALL SHRUB/GROUNDCOVER AREAS.

IRRIGATION EQUIPMENT

SYM.	DESCRIPTION	DETAIL
	TREE ROOT WATERING SYSTEM	1 / L4.1
	REMOTE CONTROL VAVLE	12 / L4.0
	QUICK COUPLER VAVLE	8 / L4.0
	ISOLATION VALVE	5, 6 / L4.0
FS	FLOW SENSOR	10 / L4.0
AC	IRRIGATION CONTROLLER "A"	1 / L4.0
POC	POINT OF CONNECTION	2 / L4.0
	CLASS 200 PVC LATERAL LINE	4 / L4.0
	PVC MAIN LINE	4 / L4.0
	SCH. 40 PVC SLEEVE	3 / L4.0

IRRIGATION SCHEDULE

35.00	GALLONS PER MINUTE	
A1	1"	CONTROLLER STATION # / VALVE SIZE



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08.30.2018

REGISTERED LANDSCAPE ARCHITECT
STEVEN A. SCHAUER
OREGON
1998
LANDSCAPE

Portland Parks and Recreation
Amanda Fritz, Commissioner Kira Selley, Interim Director
10910 N Denver, Portland, OR 97217

Landscape Irrigation Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SCALE:
DATE: 10.04.2019
SECTION:

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L2-1

Job No.
4655-01

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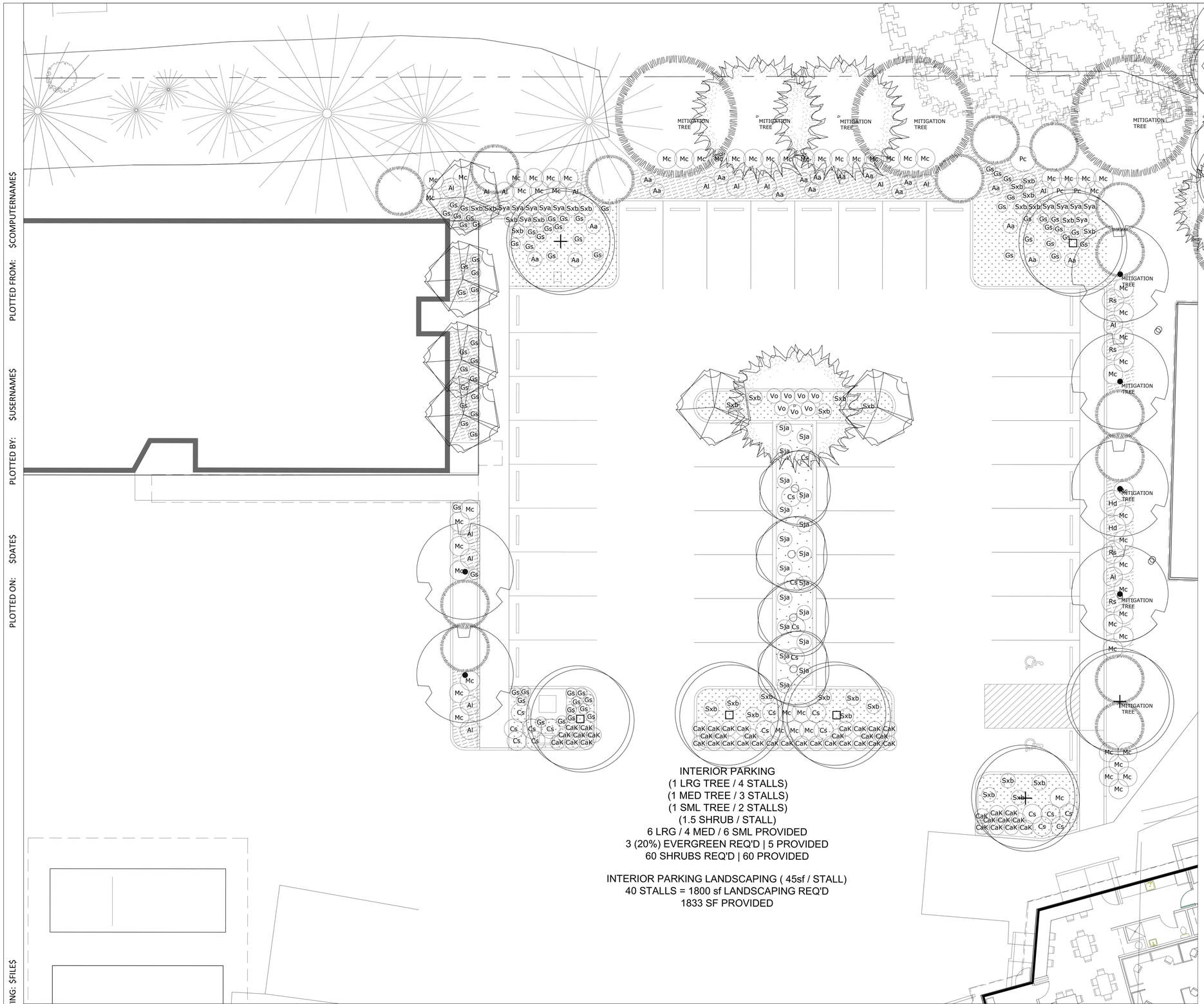


PLANT SCHEDULE

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	6	FRAXINUS LATIFOLIA	OREGON ASH	2" CAL
	3	ALNUS RUBRA	RED ALDER	2" CAL
	26	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	6–7FT
	6	CORNUS NUTTALLII"EDDIE"S W.W."PACIFIC DOGWOOD		2" CAL
	4	BETULA NIGRA	RIVER BIRCH	10 GAL
	4	PSEUDOTSUGA MENZEISII	DOUGLAS FIR	6–7FT
	2	SEQUOIADENDRON GIGANTEUM	GIANT SEQUOIA	3" CAL
	3	THUJA PLICATA	WESTERN RED CEDAR	3" CAL
Al	16	AMELANCHIER LAEVIS	SERVICEBERRY	5 gal
Aa	16	AMELANCHIER ALNIFOLIA	SHRUB SERVICEBERRY	5 gal
CaK	46	CALAMAGR. A. 'KARL FORSTER'	FEATHER REED GRASS	1 gal
Cs	20	COR. STOLONIFERA 'OCCID.'	RED–OSIER DOGWOOD	3 gal
Gs	68	GAULTHERIA SHALLON	SALAL	1 gal
Hd	2	HOLODISCUS DISCOLOR	OCEAN SPRAY	10 gal
Mc	63	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	10 gal
Pc	2	PHYSOCARPUS CAPITATUS	NINEBARK	5 gal
Rs	4	RIBES SANGUINEUM	RED FLOWERING CURRANT	5 gal
Sja	18	SPIREA JAP. ALBA	JAP. WHITE SPIREA	3 gal
Sxb	27	SPIREA X BUMALDA	GOLD FLAME SPIREA	3 gal
Sya	11	SYMPHORICARPOS ALBA	SNOWBERRY	2 gal
Vo	7	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	5 gal

PLANT MIX A1: STORMWATER SWALE @ PARKING LOT – 12" O.C.

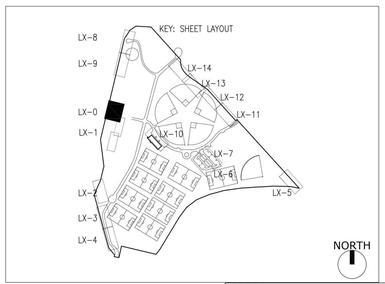
420	CAREX OBNUPTA	SLOUGH SEDGE	4" POTS
55	CAMASSIA QUAMASH	CAMAS	4" POTS
	DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS	SEED
55	IRIS DOUGLASIANA	DOUGLAS IRIS	4" POTS

PLANT MIX B1 – 12" O.C.

60%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POT
20%	FRAGARIA VIRGINIANA	WILD STRAWBERRY	4" POT
10%	GAULTHERIA SHALLON	SALAL	1 GAL
10%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal

PLANT MIX C1 – 12" O.C.

40%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POTS
10%	BLECHNUM SPICANT	DEER FERN	1 GAL
10%	DICENTRA FORMOSA	PACIFIC BLEEDING HEART	4" POT
20%	POLYSTICHUM MUNITUM	SWORD FERN	1 GAL.
20%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal



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REGISTERED LANDSCAPE ARCHITECT
OREGON
1996

Portland Parks and Recreation

Amanda Fritz, Commissioner Kira Selley, Interim Director

10910 N Denver, Portland, OR 97217

Landscape Planting Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L3-0

Job No. 4655-01

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PLOTTED ON: $DATE$
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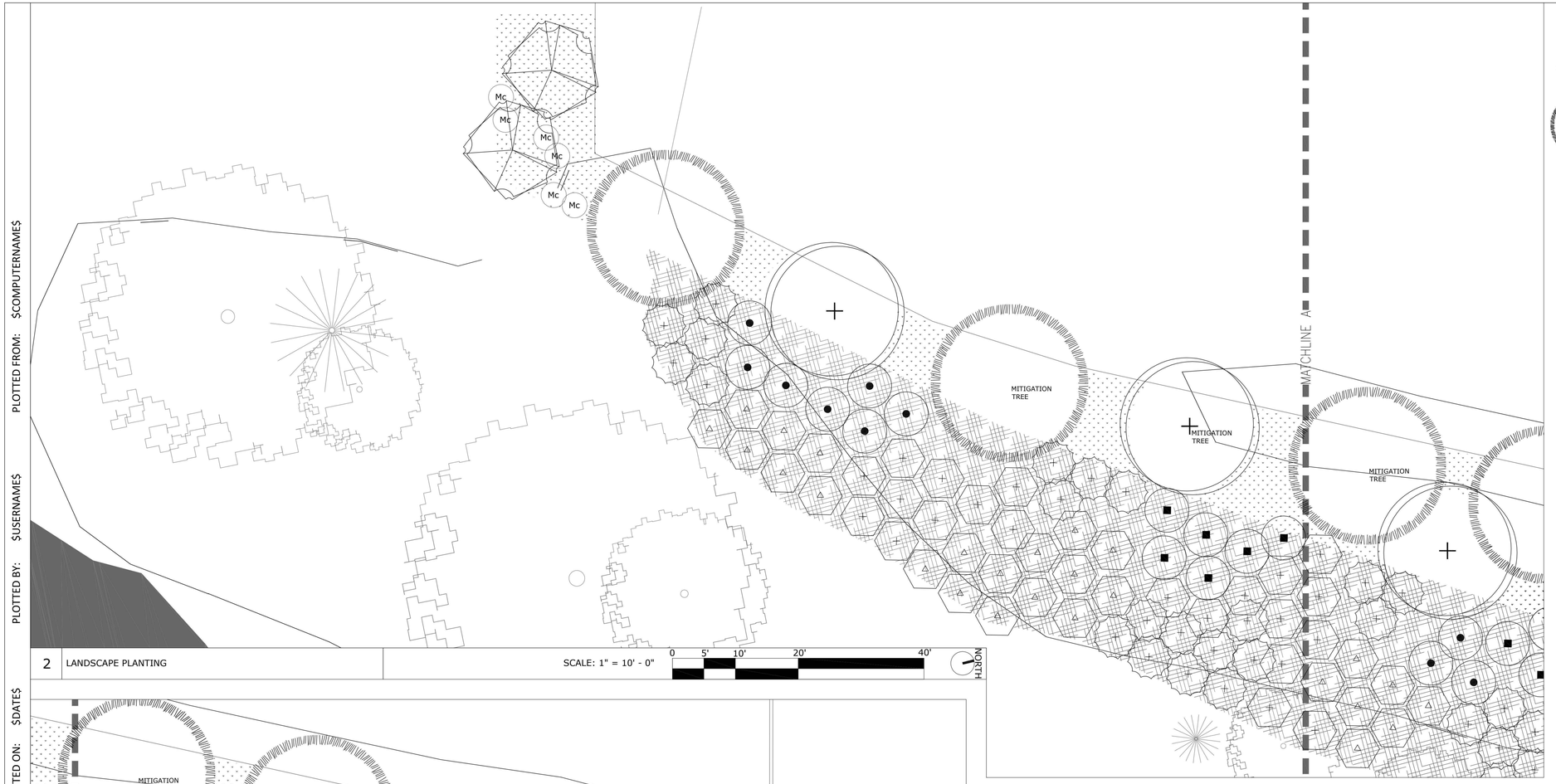
1 LANDSCAPE PLANTING

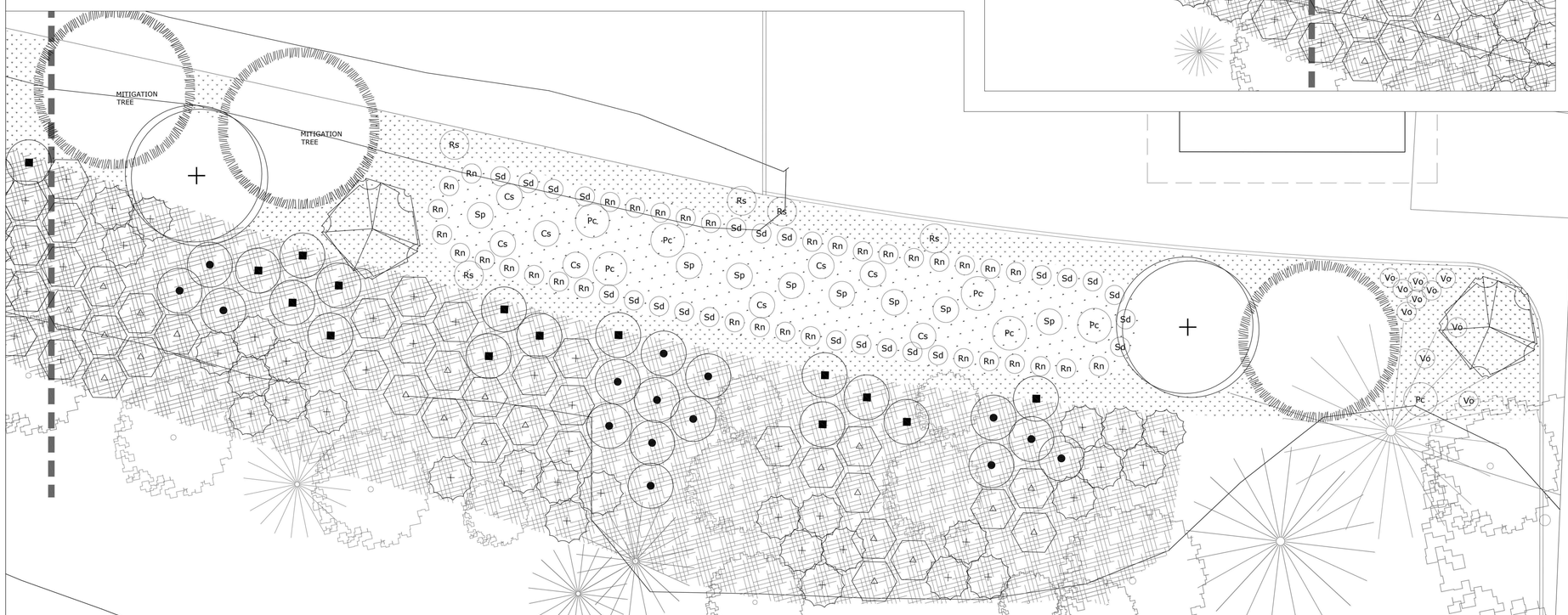


2 LANDSCAPE PLANTING

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH



1 LANDSCAPE PLANTING

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

PLANT SCHEDULE

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	4	CORNUS NUTTALLII'EDDIE'S W.W.'	PACIFIC DOGWOOD	2" CAL
	5	PSEUDOTSUGA MENZEISII	DOUGLAS FIR	3" CAL
	6	THUJA PLICATA	WESTERN RED CEDAR	3" CAL
Cs	8	COR. STOLONIFERA 'OCCID.'	RED-OSIER DOGWOOD	3 gal
Mc	16	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	10 gal
Pc	7	PHYSOCARPUS CAPITATUS	NINEBARK	5 gal
Rs	5	RIBES SANGUINEUM	RED FLOWERING CURRANT	5 gal
Rn	34	ROSA NUTKANA	NOOTKA ROSE	1 gal
Sp	8	SALIX SITCHENSIS	SITKA WILLOW	5 gal
Sd	23	SPIREA DOUGLASII	WESTERN SPIREA	3 gal
Vo	10	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	5 gal

PLANT MIX A2: STORMWATER SWALE @ TRANSITION ZONE – 18" O.C.

1180	CAREX OBNUPTA	SLOUGH SEDGE	4" POTS
	DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS	SEED

PLANT MIX B2 – 12" O.C.

60%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POT
20%	FRAGARIA VIRGINIANA	WILD STRAWBERRY	4" POT
10%	GAULTHERIA SHALLON	SALAL	1 GAL
10%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal

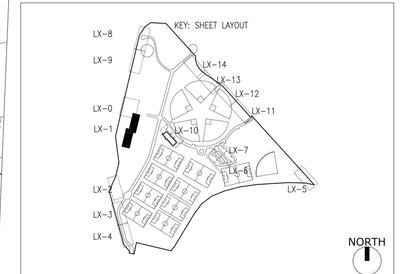
RESTORATION AREA PLANT SCHEDULE

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	22	ACER MACROCARPA	BIG LEAF MAPLE	1.5" CAL
	32	ALNUS RUBRA	RED ALDER	1.5" CAL
	20	CRATEAGUS DOUGLASII	HAWTHORN	1.5" CAL
	42	FRAXINUS LATIFOLIA	OREGON ASH	1.5" CAL
	46	THUJA PLICATA	WESTERN RED CEDAR	5FT TALL

RESTORATION SHRUB MIX; PLANT IN GROUPS OF 5–7

SPACING O.C.				
36"	164	AMELANCHIER ALNIFOLIA	SASSAKATOON	1 GAL.
36"	164	BERBERIS NERVOSA	CREEPING OREGON GRAPE	1 GAL.
36"	164	GAULTHERIA SHALLON	SALAL	1 GAL
72"	82	OEMLERIA CERASIFORMIS	INDIAN PLUM	1 GAL
36"	164	PHYSOCARPUS CAPITATUS	NINEBARK	1 GAL
72"	82	SAMBUCUS RACEMOSA	RED ELDERBERRY	1 GAL
36"	164	SPIRAEA DOUGLASII	WESTERN SPIRAEA	1 GAL
36"	164	SYMPHORICARPOS ALBA	SNOWBERRY	1 GAL

RESTORATION SEEDING			LBS. /ACRE
1.4 lbs	BROMUS VULGARIS	COLUMBIA BROME	7
2.1 lbs	ELYMUS GLAUCUS	BLUE WILD RYE	10
1.6 lbs	ELYMUS TRACHYCAULUS	SLENDER WILD RYE	8
2.1 lbs	FESTUCA SUBULATA	BEARDED FESCUE	10



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PROJECT MANAGER: ROBIN LAUGHLIN

DRAWN BY: PL

SECTION:

DATE: 10.04.2019

SCALE:

Landscape Planting Plan
Urban Forestry Maintenance Facility

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L3-1

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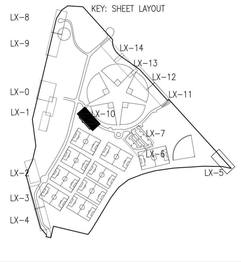
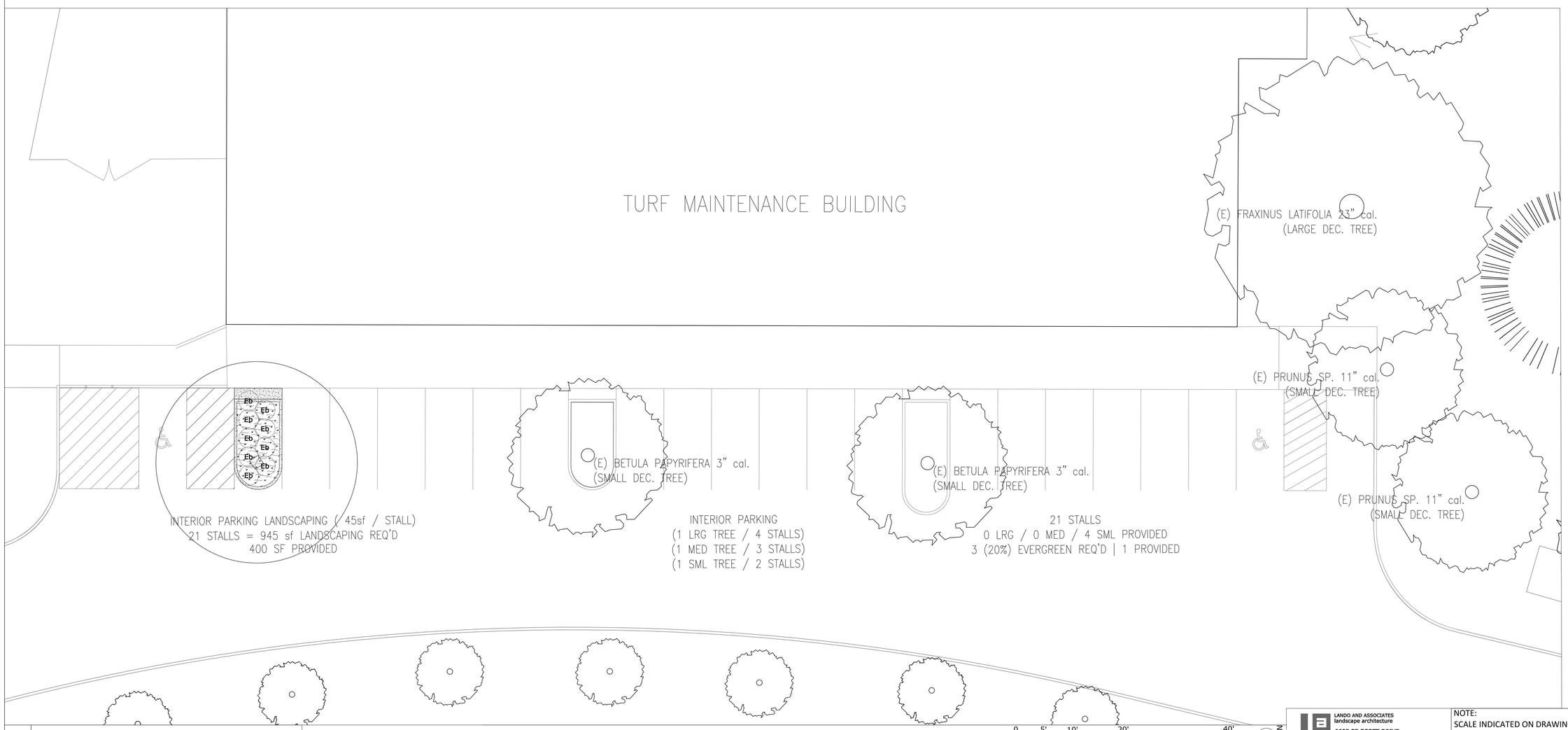


PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	1	QUERCUS MYRSINIFOLIA	RING-CUPPED OAK	3" CAL
Eb	9	ESCALLONIA BIFIDA 'COMPACT WHITE'	ESCALLONIA	3" CAL

PLANT MIX A – 12" O.C.

40%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POTS
10%	BLECHNUM SPICANT	DEER FERN	1 GAL
10%	DICENTRA FORMOSA	PACIFIC BLEEDING HEART	4" POT
20%	POLYSTICHUM MUNITUM	SWORD FERN	1 GAL.
20%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal



1 LANDSCAPE PLANTING

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

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Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SECTION:
SCALE:
DATE: 10.04.2019

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PARKS REPLACEMENT BOND 2014

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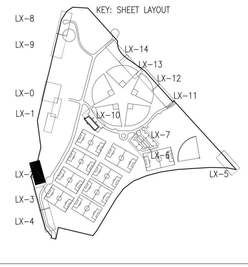
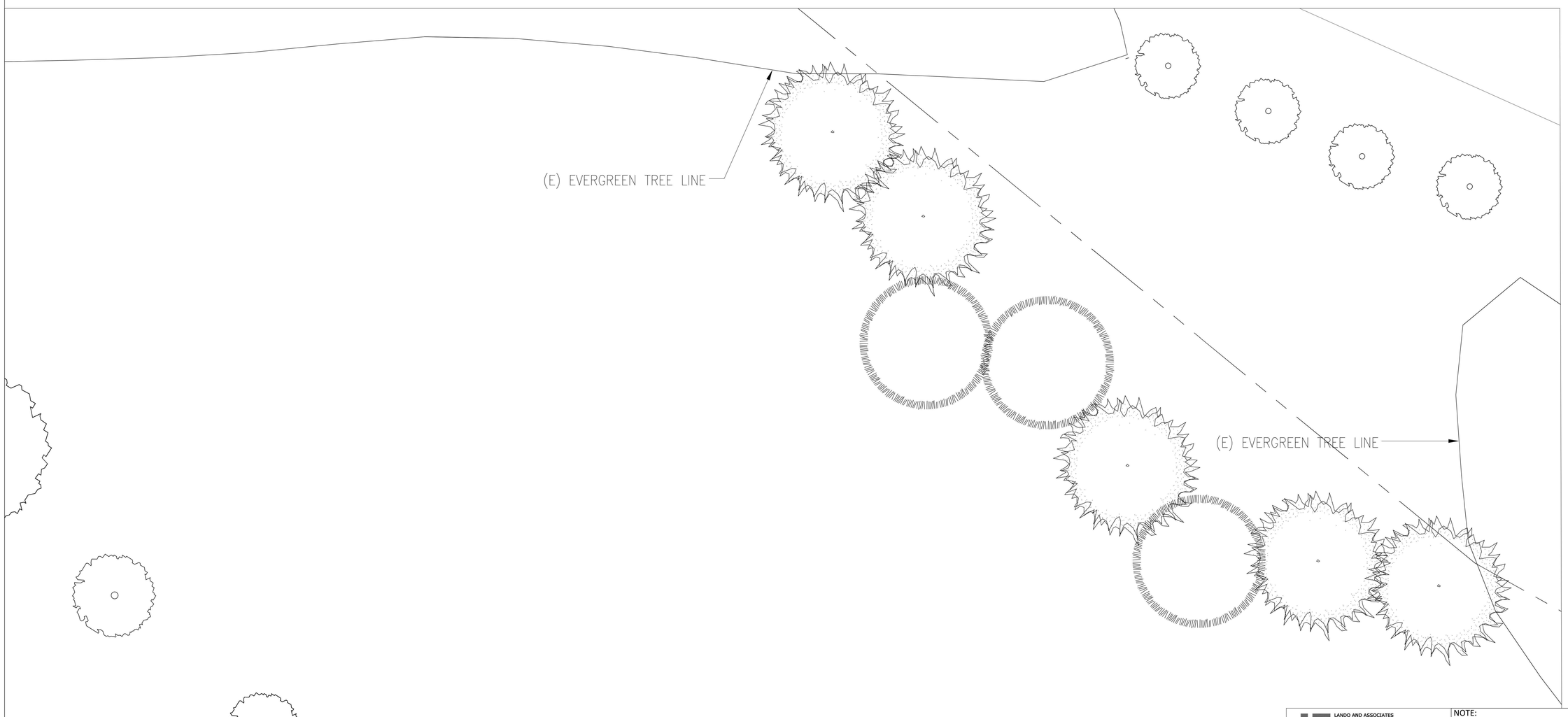


PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	5	SEQUOIADENDRON GIGANTEUM	GIANT SEQUOIA	3" CAL
	3	THUJA PLICATA	WESTERN RED CEDAR	3" CAL



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PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

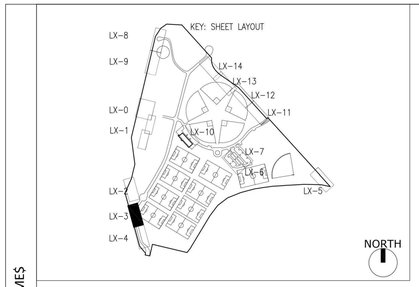
REVISIONS

DATE	DESCRIPTION	BY
	REV #1	

PARKS REPLACEMENT BOND 2014

L3-2

Job No. 4655-01



PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
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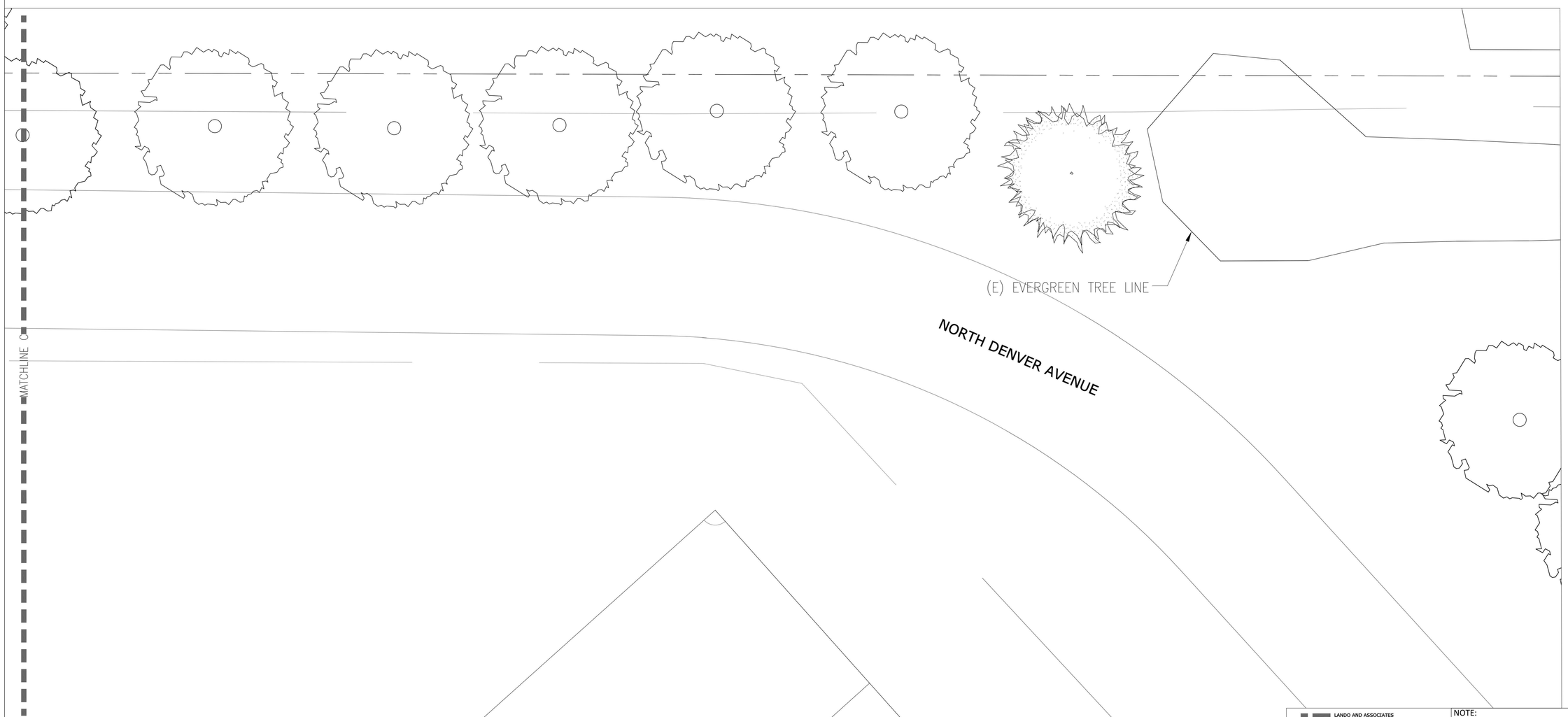

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PROJECT MANAGER: ROBIN LAUGHLIN

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PARKS REPLACEMENT BOND 2014

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Job No. 4655-01

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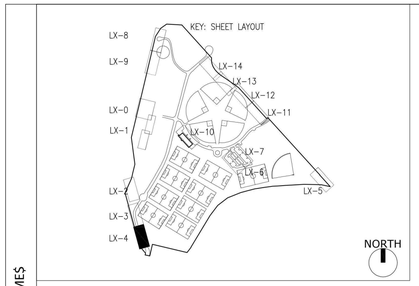
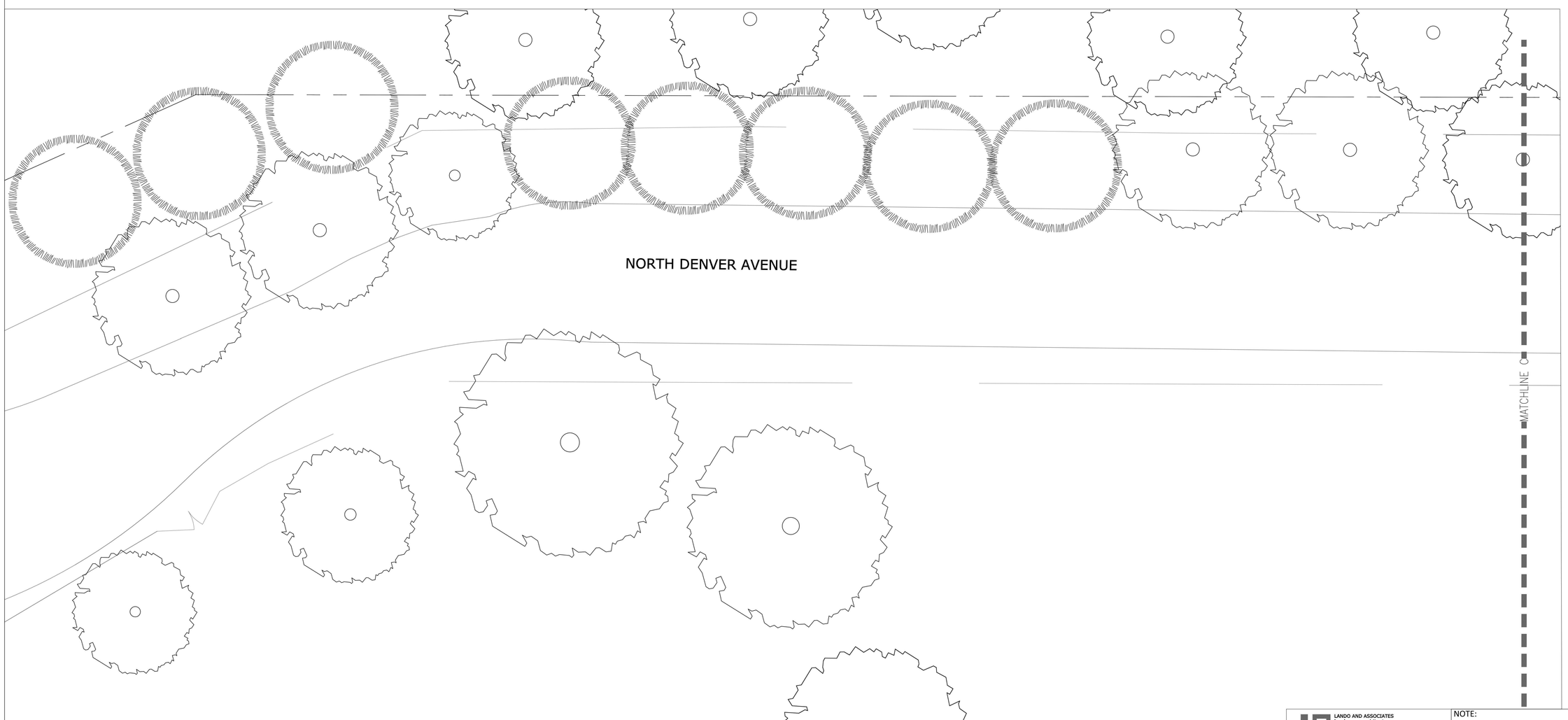


PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	8	THUJA PLICATA	WESTERN RED CEDAR	3" CAL



1 LANDSCAPE PLANTING

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

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NOTE:
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REGISTERED LANDSCAPE ARCHITECT
STEVEN A. SCHAUER
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Portland Parks and Recreation

Amanda Fritz, Commissioner Kira Selley, Interim Director

10910 N Denver, Portland, OR 97217

Landscape Planting Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DRAWN BY: PL

SECTION:

DATE: 10.04.2019

SCALE:

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DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

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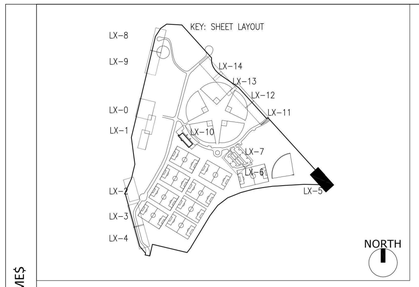
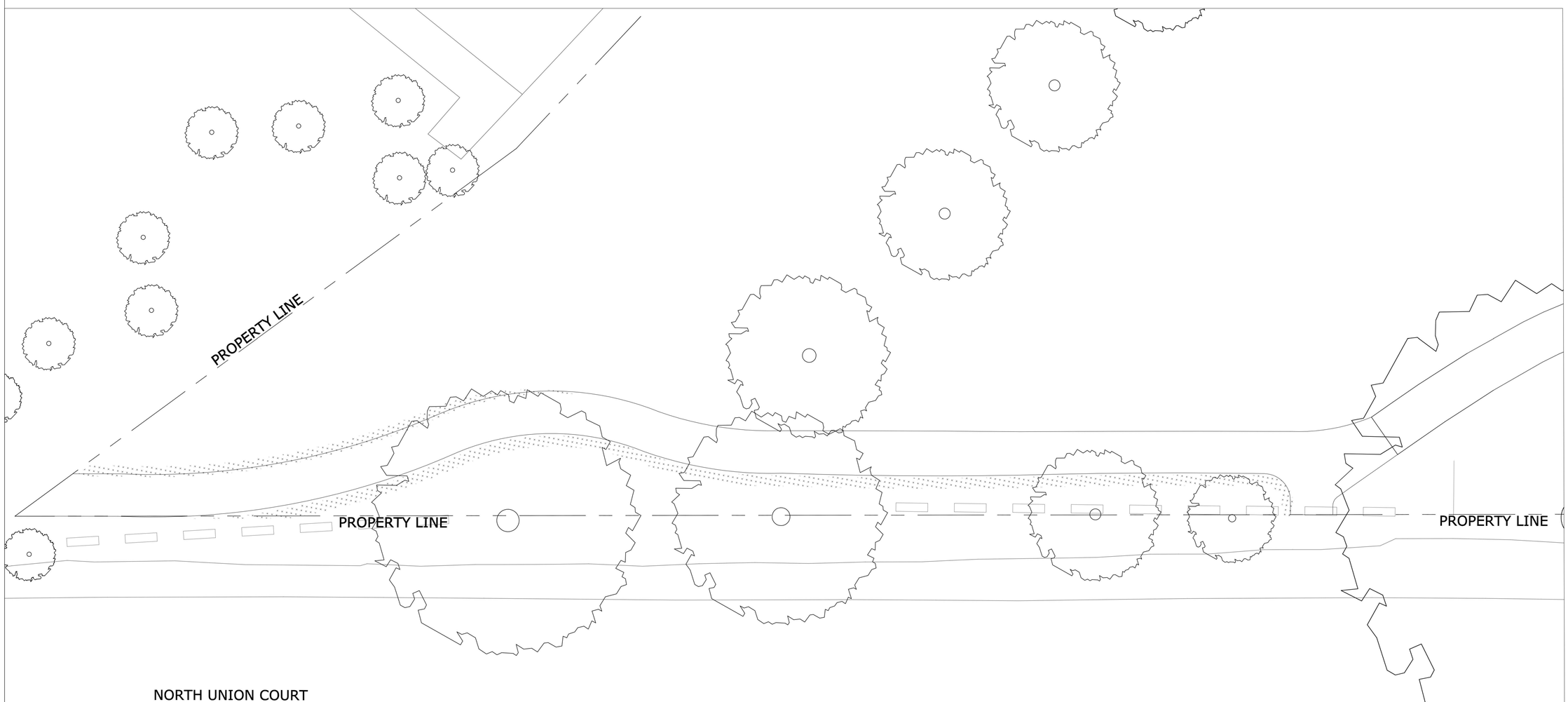
PLOTTED BY: $USERNAME$
PLOTTED ON: $DATE$
DRAWING: $FILE$



PLANT SCHEDULE – GROUND LAYER

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	PLANT MIX B1 – 12" O.C.			
	60%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POT
	20%	FRAGARIA VIRGINIANA	WILD STRAWBERRY	4" POT
	10%	GAULTHERIA SHALLON	SALAL	1 GAL
	10%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal



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0 5' 10' 20' 40'

NORTH

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Landscape Planting Plan
Urban Forestry Maintenance Facility
10910 N Denver, Portland, OR 97217

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
SECTION:
DATE: 10.04.2019
SCALE:

REVISIONS

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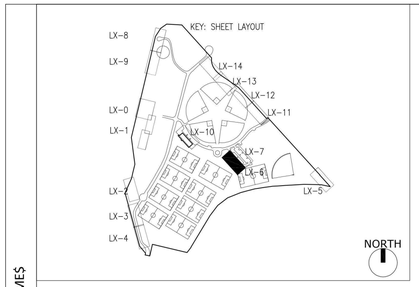


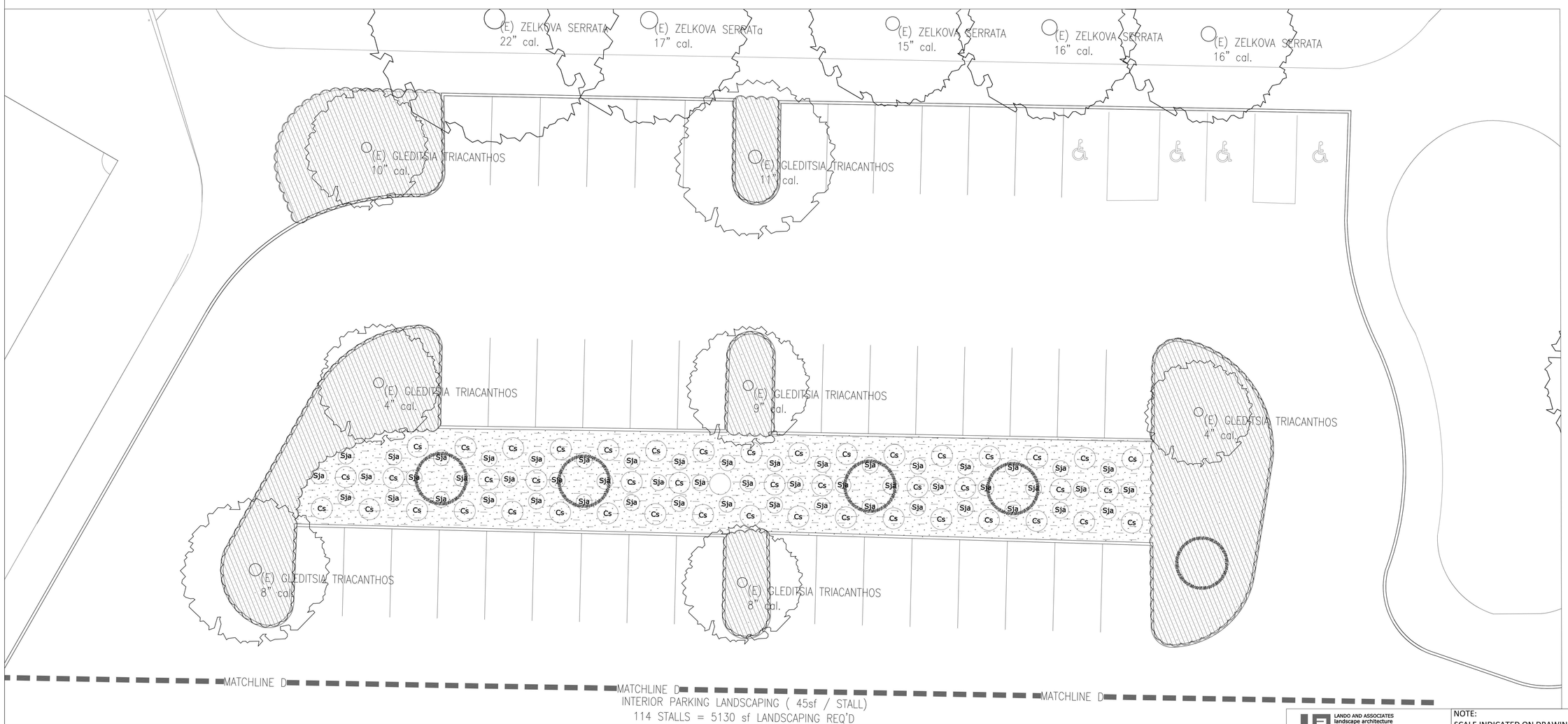
PLANT SCHEDULE – SHRUBS

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	5	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	6–7FT
Cs	46	COR. STOLONIFERA 'OCCID.'	RED-OSIER DOGWOOD	3 gal
Sja	51	SPIREA JAP. ALBA	JAP. WHITE SPIREA	3 gal

PLANT SCHEDULE – GROUND LAYER

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
		PLANT MIX A1: STORMWATER SWALE @ PARKING LOT – 12" O.C.		
	903	CAREX OBNUPTA	SLOUGH SEDGE	4" POTS
	129	CAMASSIA QUAMASH	CAMAS	4" POTS
		DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS	SEED
	129	IRIS DOUGLASIANA	DOUGLAS IRIS	4" POTS
	129	LIRIOPE SPICATA	SPREADING LIRIOPE	1 GAL

EXISITING SHRUB MASSING



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Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL
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SCALE:

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PARKS REPLACEMENT BOND 2014

L3-6

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4655-01

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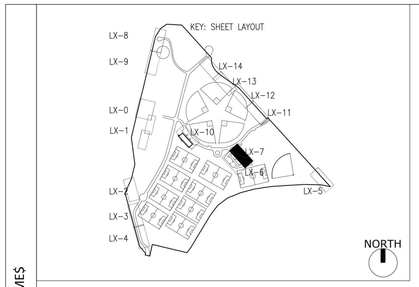


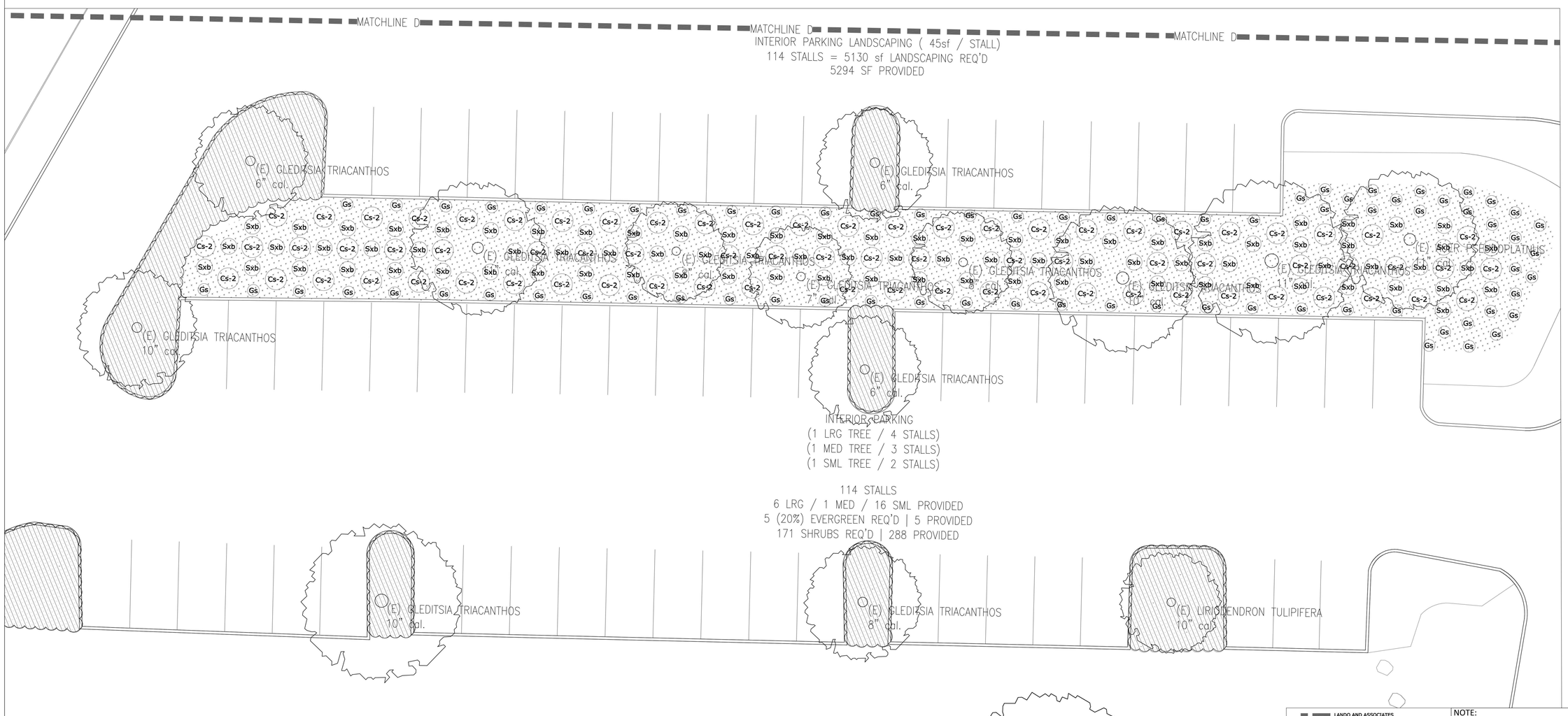
PLANT SCHEDULE – SHRUBS

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
Cs-2	74	COR. STOLONIFERA 'ARCTIC FIRE'	ARCTIC FIRE DOGWOOD	3 gal
Sxb	83	SPIREA X BUMALDA	GOLD FLAME SPIREA	3 gal
Gs	74	GAULTHERIA SHALLON	SALAL	1 gal

PLANT SCHEDULE – GROUND LAYER

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
		PLANT MIX B1 – 12" O.C.		
	60%	ARCTOSTYAPHYLOS UVA URSI	KINNICKINNICK	4" POT
	20%	FRAGARIA VIRGINIANA	WILD STRAWBERRY	4" POT
	10%	GAULTHERIA SHALLON	SALAL	1 GAL
	10%	MAHONIA NERVOSA 'COMPACTA'	LOW OREGON GRAPE	1 gal

EXISITING SHRUB MASSING



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Landscape Planting Plan
Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

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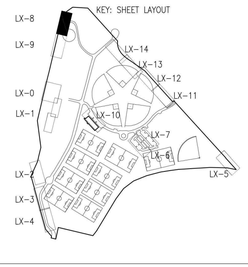
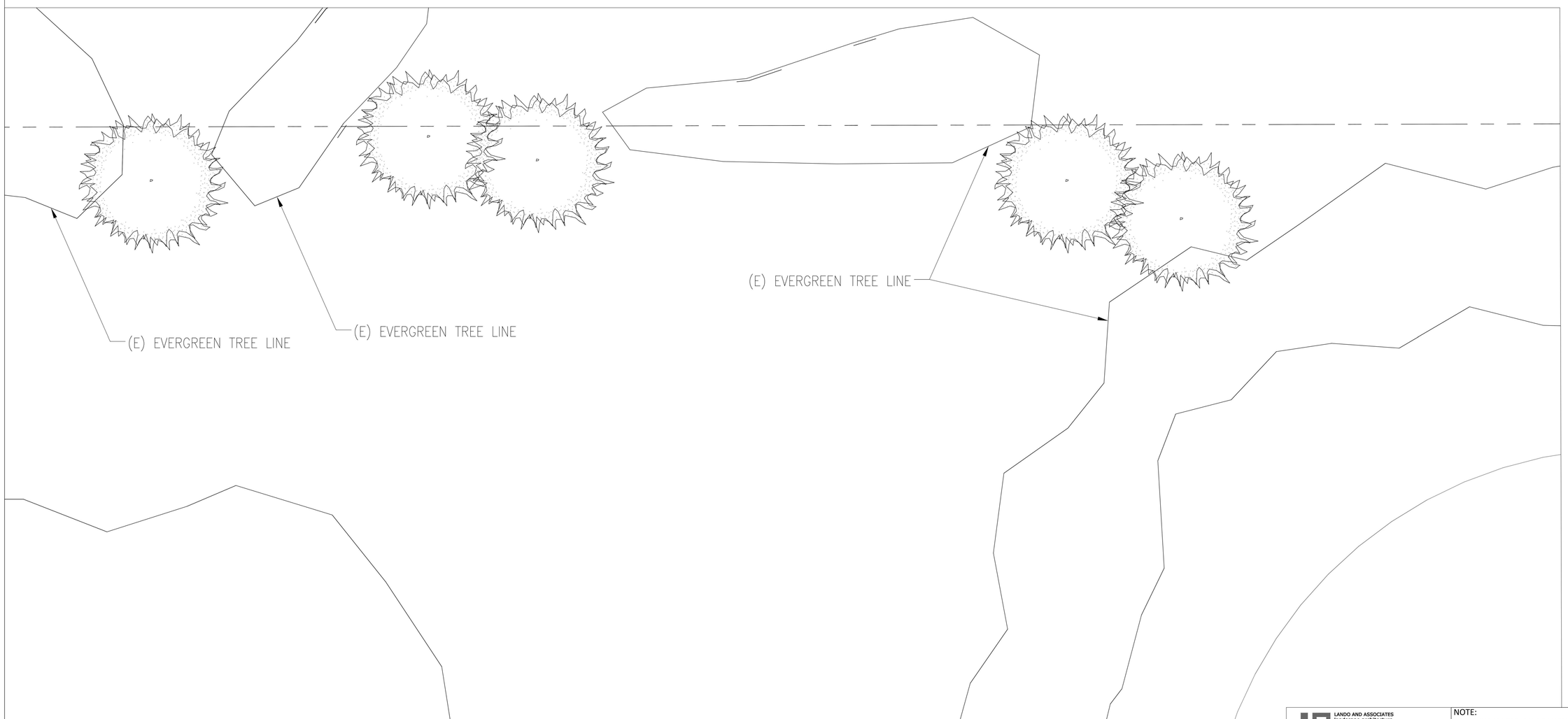


PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	5	SEQUOIADENDRON GIGANTEUM	GIANT SEQUOIA	3" CAL



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PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

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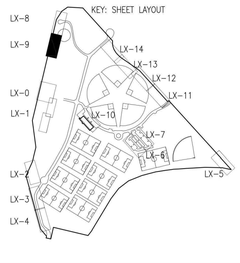
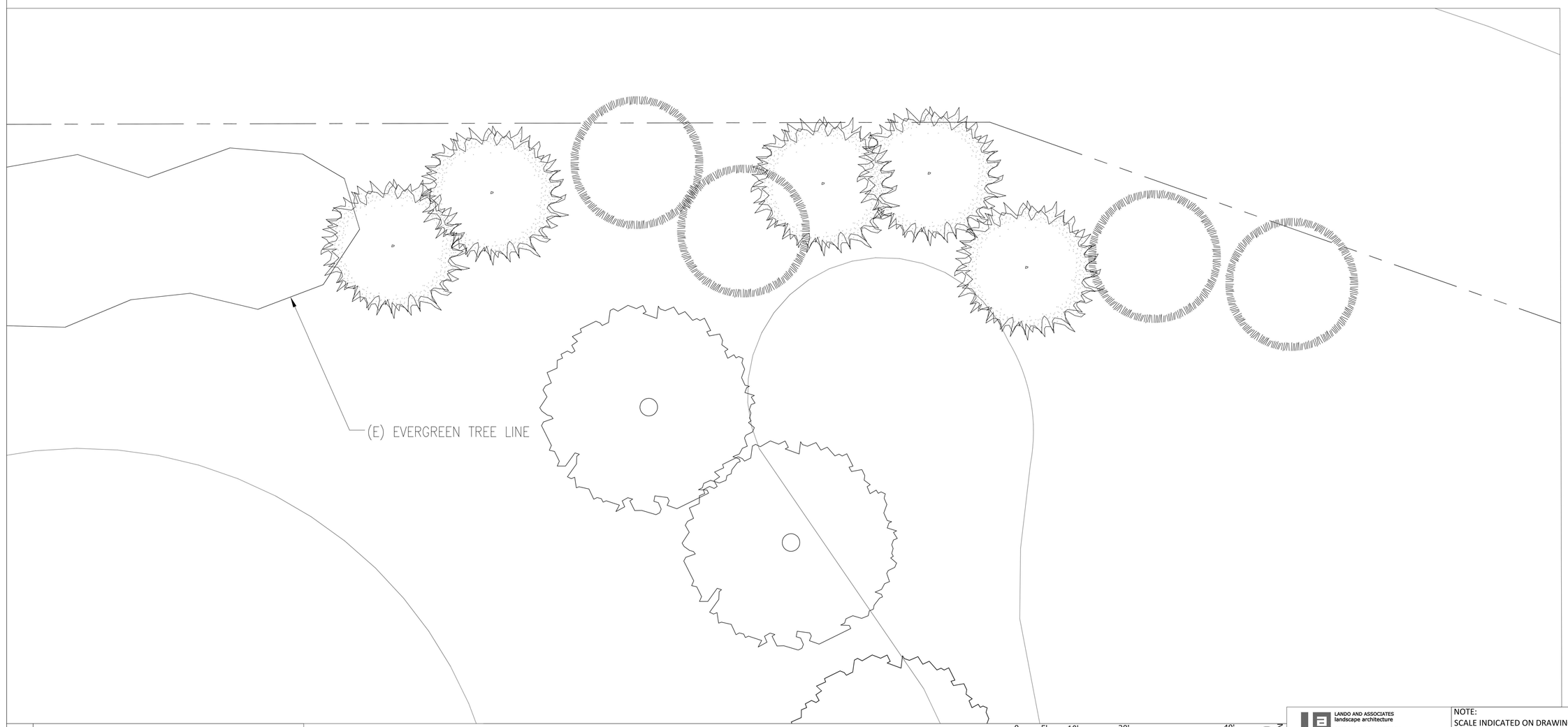


PLANT SCHEDULE – TREES

SYMBOL	#	SCIENTIFIC NAME	COMMON NAME	SIZE
	5	SEQUOIADENDRON GIGANTEUM	GIANT SEQUOIA	3" CAL
	4	THUJA PLICATA	WESTERN RED CEDAR	3" CAL



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Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

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PARKS REPLACEMENT BOND 2014

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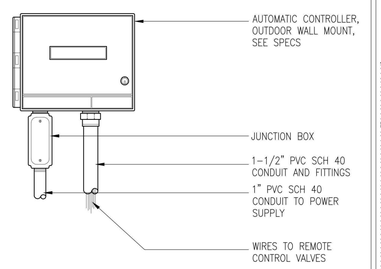
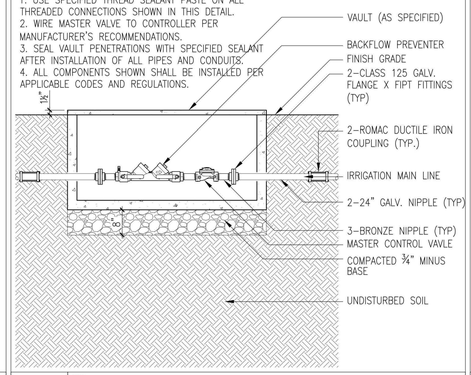
Job No. 4655-01

NOTES:
1. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.

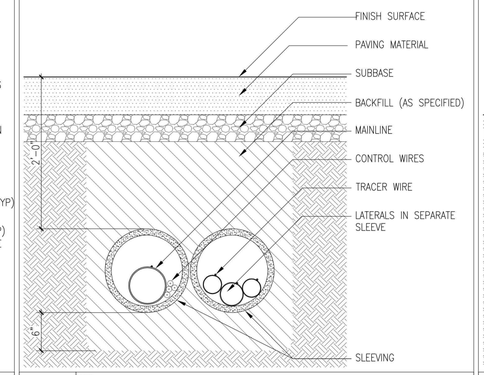


1 DETAIL: AUTOMATIC IRRIGATION CONTROLLER
CAD FILE: IRR_AC.DWG SCALE: 1 1/2" = 1'-0"

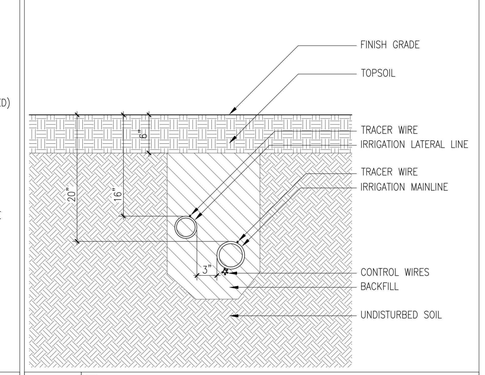
NOTE:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS SHOWN IN THIS DETAIL.
2. WIRE MASTER VALVE TO CONTROLLER PER MANUFACTURER'S RECOMMENDATIONS.
3. SEAL VAULT PENETRATIONS WITH SPECIFIED SEALANT AFTER INSTALLATION OF ALL PIPES AND CONDUITS.
4. ALL COMPONENTS SHOWN SHALL BE INSTALLED PER APPLICABLE CODES AND REGULATIONS.



2 DETAIL: POINT OF CONNECTION
CAD FILE: D_IRR-VALVE-POC_PPR.DWG SCALE: N.T.S.

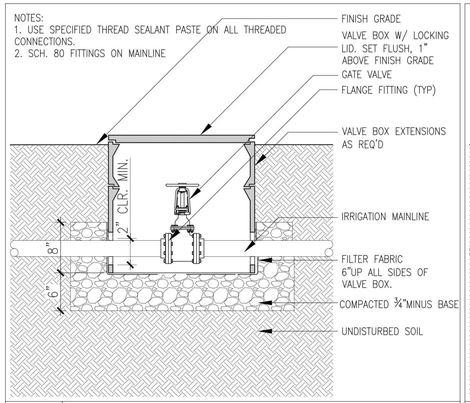


3 DETAIL: IRRIGATION SLEEVING
CAD FILE: D_IRR_SLEAVING-01.DWG SCALE: 1" = 1'-0"



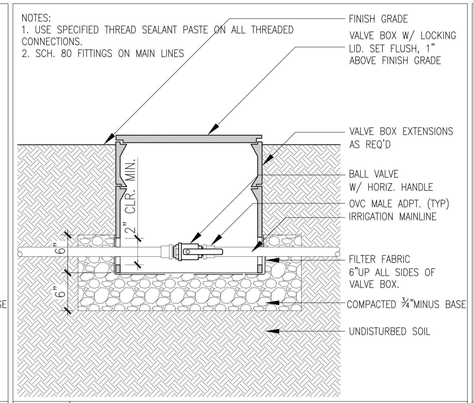
4 DETAIL: IRRIGATION TRENCHING
CAD FILE: D_IRR-TRENCHING_01.DWG SCALE: 1" = 1'-0"

NOTES:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.
2. SCH. 80 FITTINGS ON MAINLINE

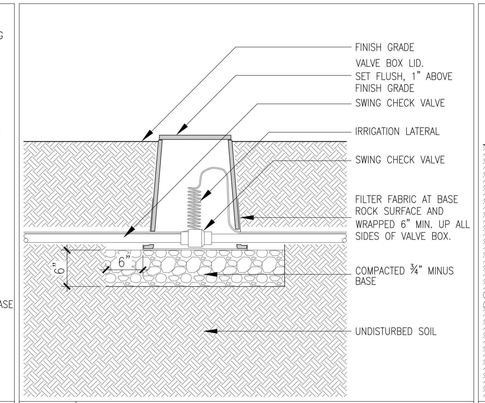


5 DETAIL: ISOLATION VALVE – LARGE
CAD FILE: D_IRR-VAVLE-ISO_01.DWG SCALE: 1" = 1'-0"

NOTES:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.
2. SCH. 80 FITTINGS ON MAIN LINES

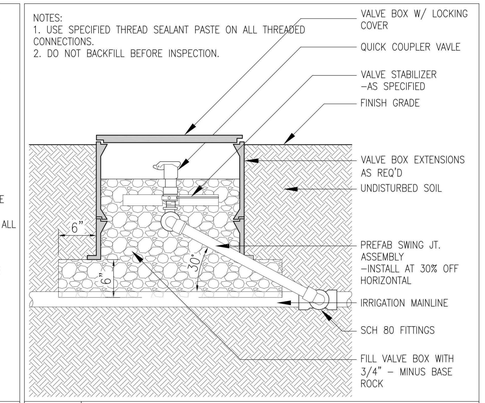


6 DETAIL: ISOLATION VALVE – SMALL
CAD FILE: D_IRR-VAVLE-ISO_02.DWG SCALE: 1" = 1'-0"



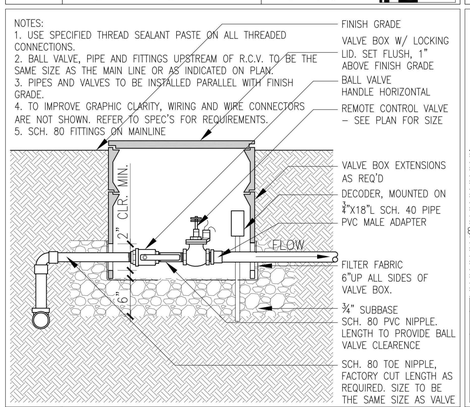
7 DETAIL: SWING CHECK VALVE
CAD FILE: D_IRR-VALVE-SWINGCHECK-01.DWG SCALE: 1" = 1'-0"

NOTES:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.
2. DO NOT BACKFILL BEFORE INSPECTION.



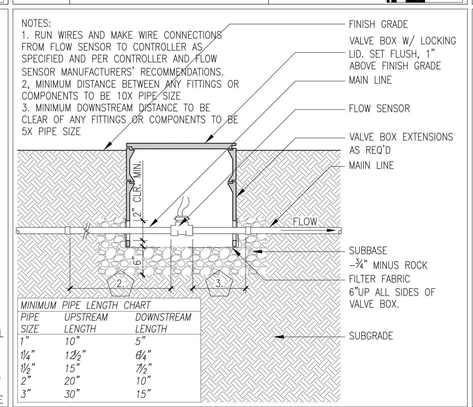
8 DETAIL: QUICK COUPLER VALVE
CAD FILE: IRR_VAVLE-QCV_01.DWG SCALE: N.T.S.

NOTES:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.
2. BALL VALVE, PIPE AND FITTINGS UPSTREAM OF R.C.V. TO BE THE SAME SIZE AS THE MAIN LINE OR AS INDICATED ON PLAN.
3. PIPES AND VALVES TO BE INSTALLED PARALLEL WITH FINISH GRADE.
4. TO IMPROVE GRAPHIC CLARITY, WIRING AND WIRE CONNECTORS ARE NOT SHOWN. REFER TO SPEC'S FOR REQUIREMENTS.
5. SCH. 80 FITTINGS ON MAINLINE



9 DETAIL: REMOTE CONTROL VALVE
CAD FILE: IRR_VAVLE-REMOTE-STND.DWG SCALE: 1" = 1'-0"

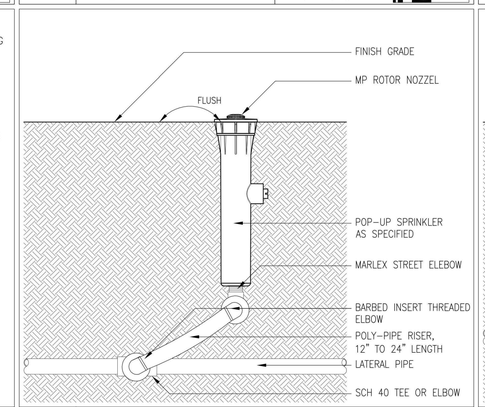
NOTES:
1. RUN WIRES AND MAKE WIRE CONNECTIONS FROM FLOW SENSOR TO CONTROLLER AS SPECIFIED AND PER CONTROLLER AND FLOW SENSOR MANUFACTURERS' RECOMMENDATIONS.
2. MINIMUM DISTANCE BETWEEN ANY FITTINGS OR COMPONENTS TO BE 10X PIPE SIZE
3. MINIMUM DOWNSTREAM DISTANCE TO BE CLEAR OF ANY FITTINGS OR COMPONENTS TO BE 5X PIPE SIZE



MINIMUM PIPE LENGTH CHART

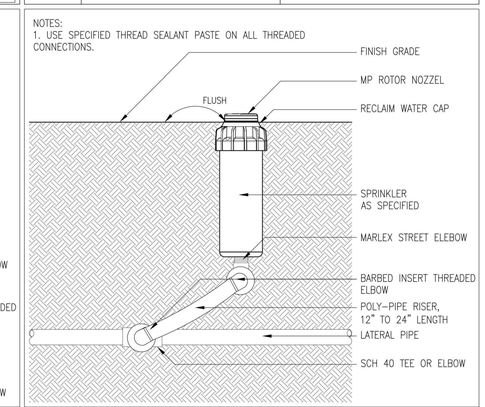
PIPE SIZE	UPSTREAM LENGTH	DOWNSTREAM LENGTH
1"	10"	5"
1¼"	12½"	6¼"
1½"	15"	7½"
2"	20"	10"
3"	30"	15"

10 DETAIL: FLOW SENSOR
CAD FILE: IRR_VAVLE-FLOWSENSOR.DWG SCALE: 3/4" = 1'-0"



11 DETAIL: POP-UP SPRINKLER
CAD FILE: D_IRR-HEAD-POPUP_01.DWG SCALE: N.T.S.

NOTES:
1. USE SPECIFIED THREAD SEALANT PASTE ON ALL THREADED CONNECTIONS.



12 DETAIL: POP-UP ROTARY SPRINKLER
CAD FILE: D_IRRI-HEAD-ROTOR_01.DWG SCALE: N.T.S.

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REGISTERED LANDSCAPE ARCHITECT
OREGON
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Landscape Details
Urban Forestry Maintenance Facility
PROJECT MANAGER: ROBIN LAUGHLIN
SECTION:
DRAWN BY: PL
DATE: 10.04.2019 SCALE:

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L4-0

Job No.
4655-01

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PLOTTED ON: $DATE$
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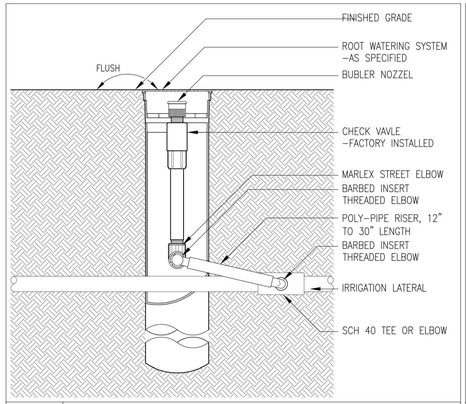
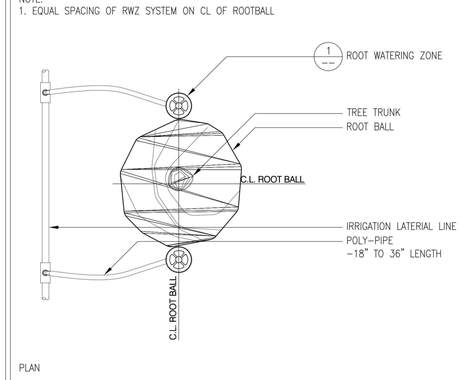


1 DETAIL: ROOT WATERING SYSTEM
CAD FILE: D_IRR–RWS_01.DWG SCALE: N.T.S.

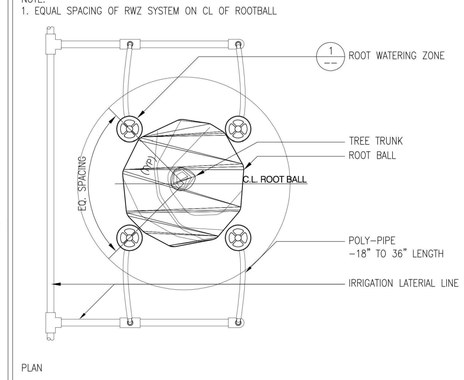
NOTE:
1. EQUAL SPACING OF RWZ SYSTEM ON CL OF ROOTBALL



PLAN

2 DETAIL: PLAN: TREE RWS ASSEMBLY
CAD FILE: D_IRR–PLAN–TREE–RWZ_FLAT02.DWG SCALE: N.T.S.

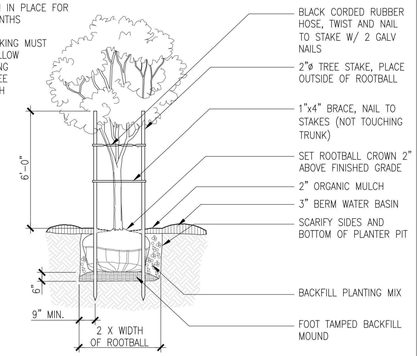
NOTE:
1. EQUAL SPACING OF RWZ SYSTEM ON CL OF ROOTBALL



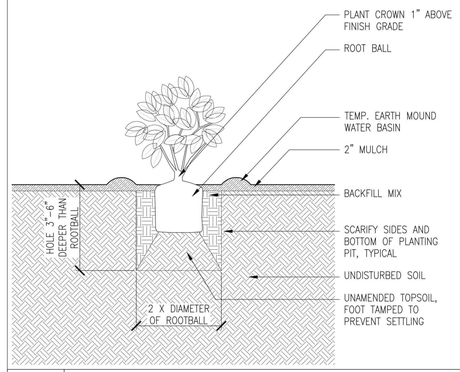
PLAN

3 DETAIL: PLAN: TREE MULTI–RWS ASSEMBLIES
CAD FILE: D_IRR–PLAN–TREE–RWZ_MULTI.DWG SCALE: N.T.S.

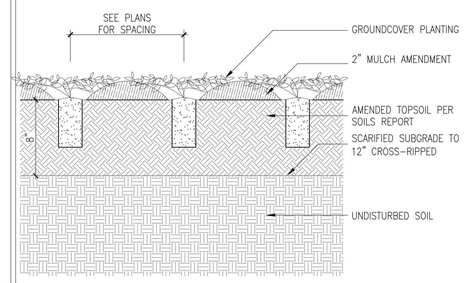
NOTES:
1. TREE STAKING SHALL REMAIN IN PLACE FOR 12 MONTHS
2. STAKING MUST NOT ALLOW GIRDLING OF TREE GROWTH



4 DETAIL: TREE PLANTING– STANDARD STAKING
CAD FILE: TREE_STAKE.DWG SCALE: 1/4" = 1'–0"

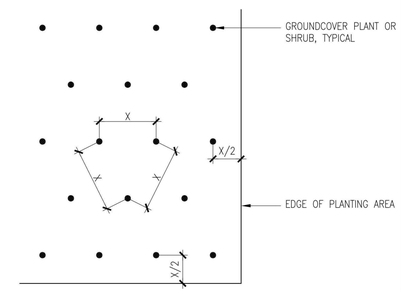


5 DETAIL: SHRUB PLANTING
CAD FILE: D_PLANT–SHRUB_01.DWG SCALE: N.T.S.



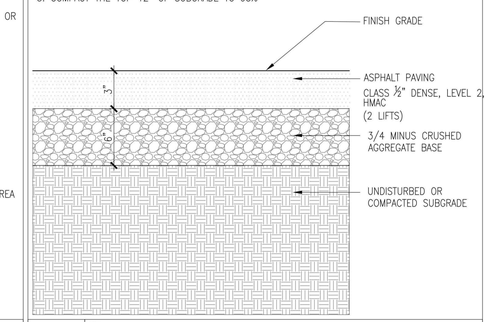
6 DETAIL: GROUNDCOVER PLANTING
CAD FILE: D_PLANT–GC_01.DWG SCALE: N.T.S.

1. DISTANCE 'X' SPACING IS AS NOTED ON PLANTING PLAN.



7 DETAIL: PLANT SPACING
CAD FILE: PLNT_SPCNG.DWG SCALE: 1/2" = 1'–0"

NOTES:
1. AGGREGATE BASE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557.
2. AGGREGATE BASE MUST CONFORM TO CITY OF PORTLAND BASE ROCK STANDARD WITH LESS THAN 8% PASSING THE #200 SIEVE.
3. COMPACT THE TOP 12" OF SUBGRADE TO 95%



8 DETAIL: ASPHALT PATHWAY PAVING
CAD FILE: D_ASPHALT–PATHWAT.DWG SCALE: 1 1/2" = 1'–0"

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1998

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Amanda Fritz, Commissioner Kira Selley, Interim Director
10910 N Denver, Portland, OR 97217

Landscape Details
Urban Forestry Maintenance Facility
PROJECT MANAGER: ROBIN LAUGHLIN
DRAWN BY: PL SECTION:
DATE: 10.04.2019 SCALE:

REVISIONS

DATE	DESCRIPTION	BY

PARKS REPLACEMENT BOND 2014

L4-1

Job No. 4655-01

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DRAWING: $FILES

PLOTTED FROM: $COMPUTERNAME$

PLOTTED BY: $USERNAME$

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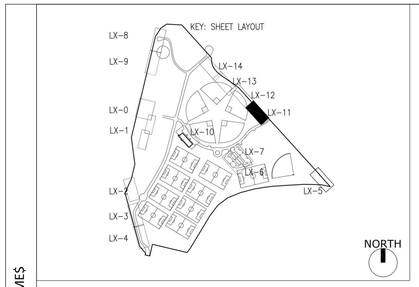

MATERIALS LEGEND:

EXISTING ASPHALT PAVING

1 LANDSCAPE AS-BUILT PLAN

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

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PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

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Job No.
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PLOTTED ON: $DATE$

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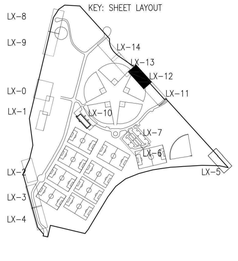
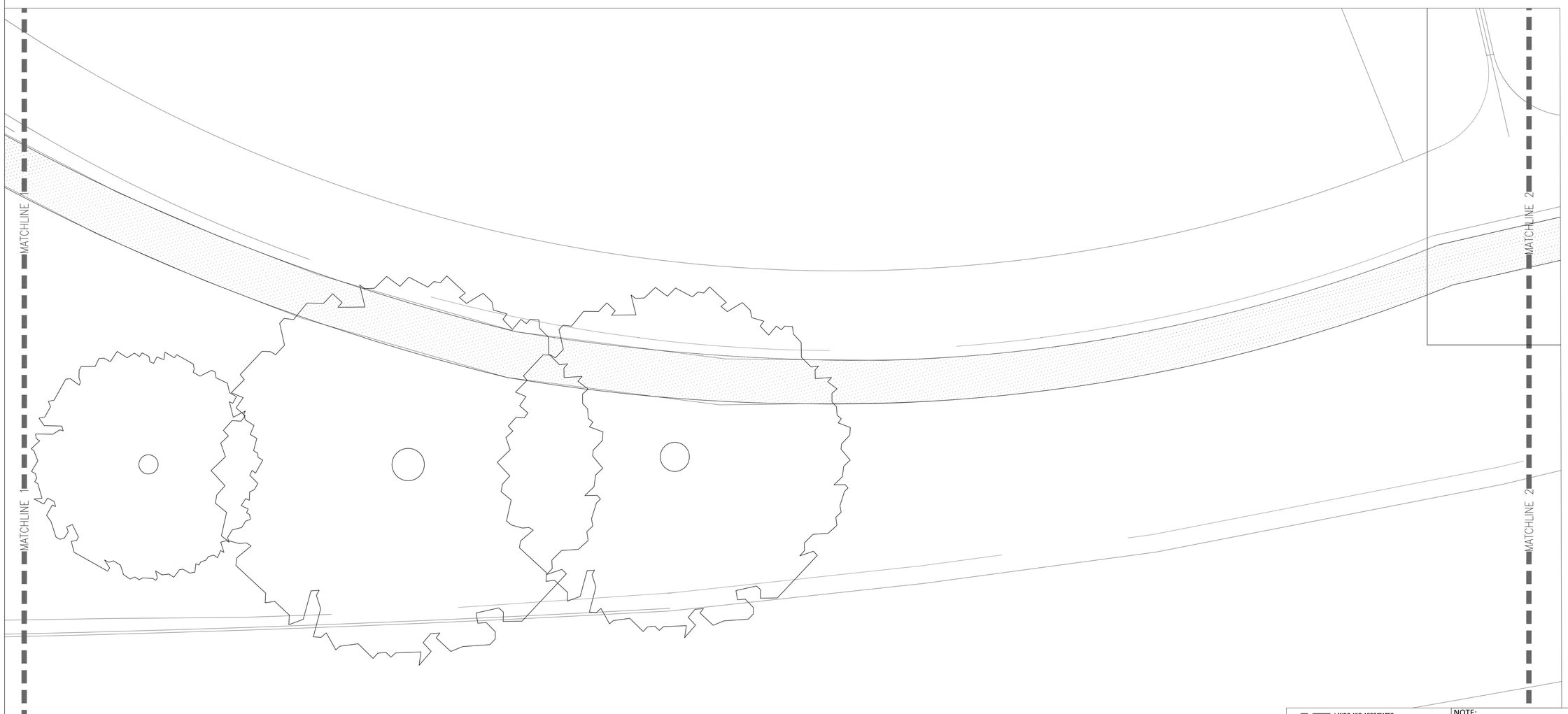


MATERIALS LEGEND:

EXISTING ASPHALT PAVING



1 LANDSCAPE AS-BUILT PLAN

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

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10910 N Denver, Portland, OR 97217

PROJECT MANAGER: ROBIN LAUGHLIN

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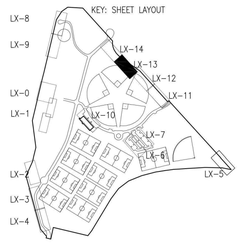

MATERIALS LEGEND:

EXISTING ASPHALT PAVING

MATCHLINE 2

MATCHLINE 2

MATCHLINE 2

MATCHLINE 3

MATCHLINE 3

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PLOTTED ON: $DATE$

DRAWING: $FILE$

1 LANDSCAPE AS-BUILT PLAN

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

NORTH

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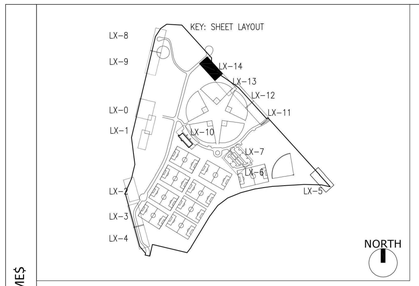

MATERIALS LEGEND:

EXISTING ASPHALT PAVING

1 LANDSCAPE AS-BUILT PLAN

SCALE: 1" = 10' - 0"

0 5' 10' 20' 40'

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Urban Forestry Maintenance Facility

PROJECT MANAGER: ROBIN LAUGHLIN

DATE: 10.04.2019 SCALE: DRAWN BY: PL SECTION:

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PARKS REPLACEMENT BOND 2014

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