

# FROG POND TERRACE

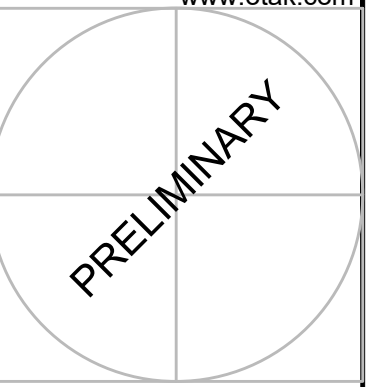
## SUBDIVISION

### 19 DETACHED SINGLE FAMILY LOTS

### CITY OF WILSONVILLE, OREGON



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FROG POND TERRACE  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

COVER SHEET

#	DATE	DESCRIPTION

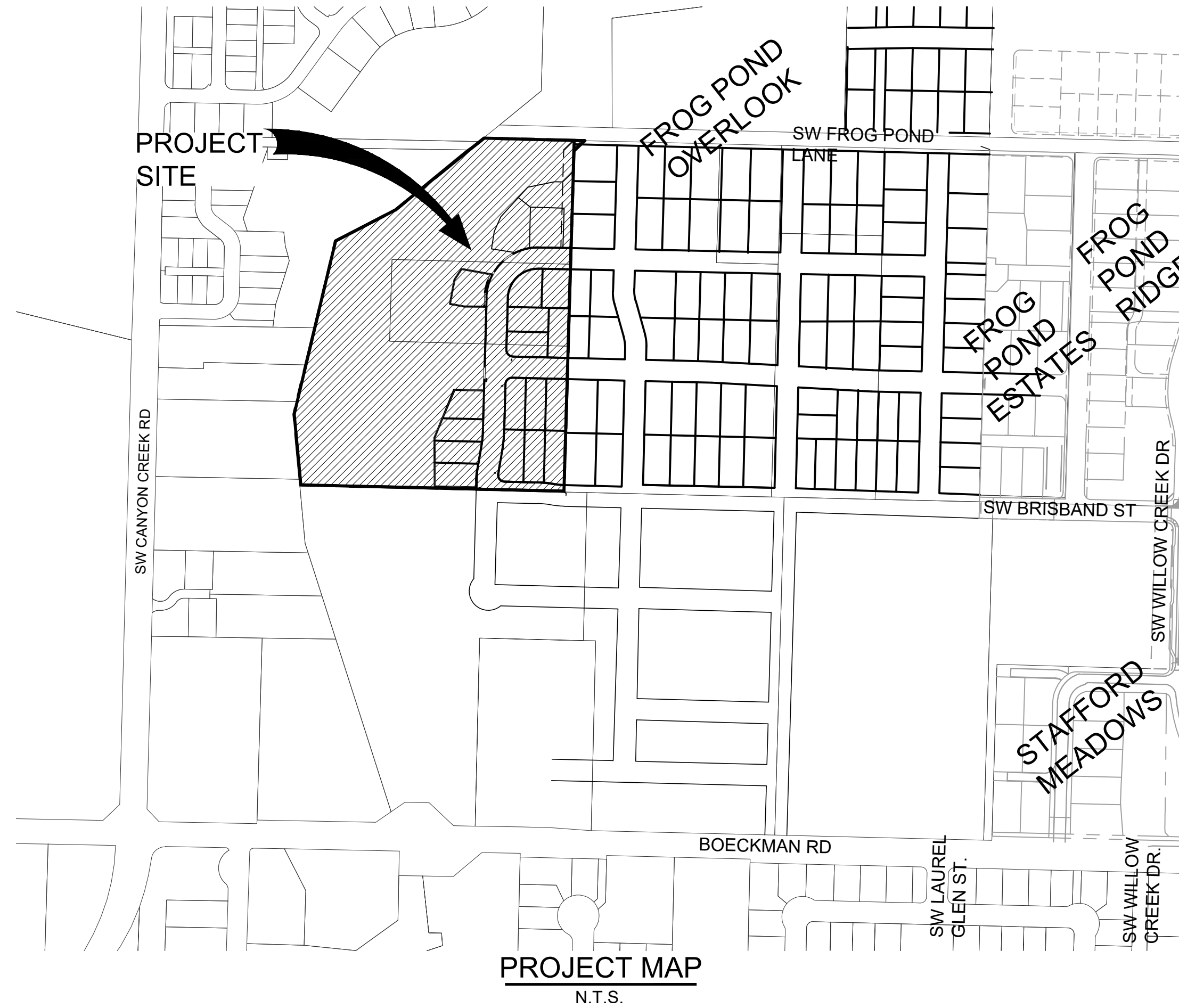
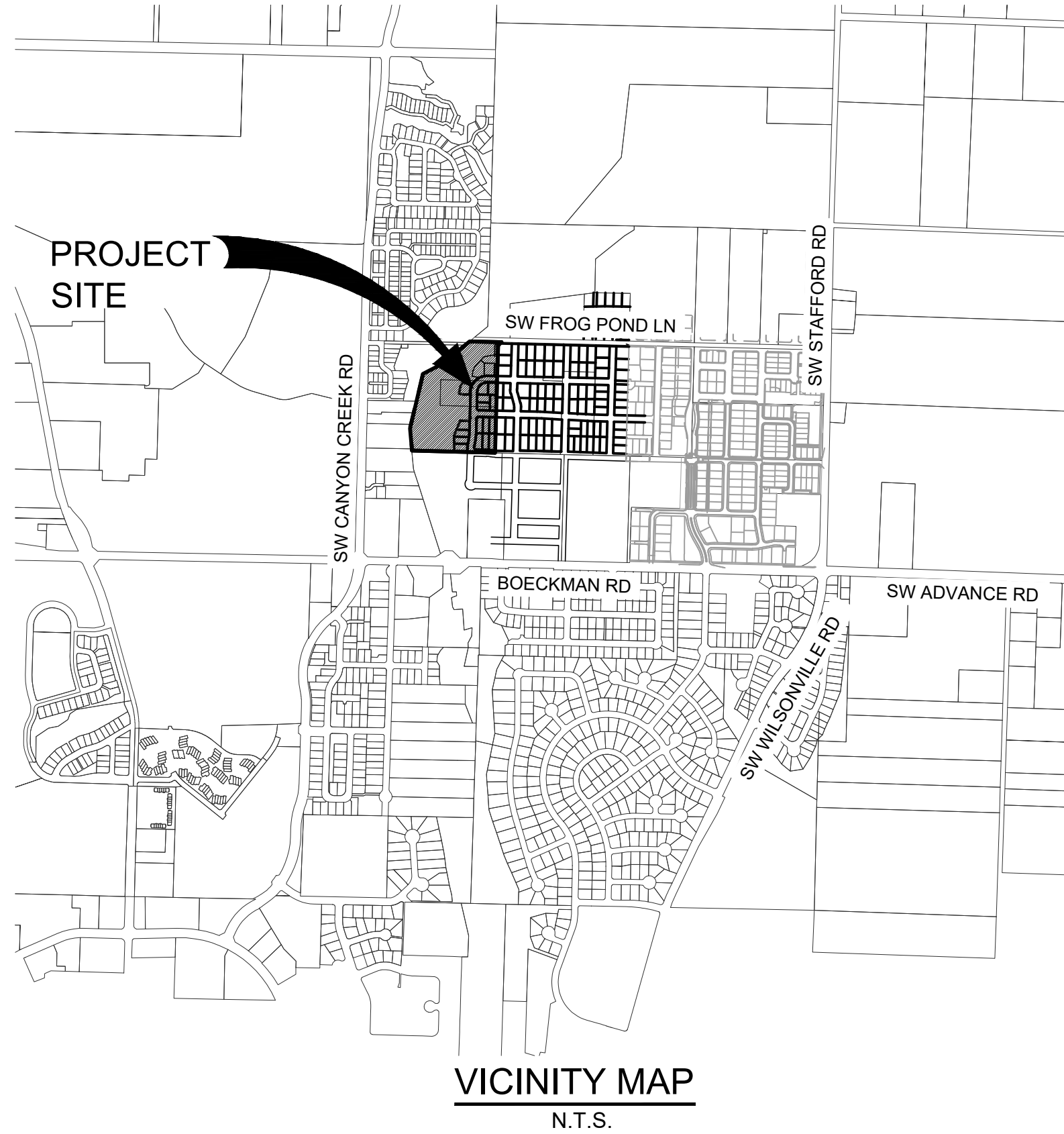
REVISIONS	
NAVD88 DATUM	
OTAK CAD	KJB
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LAND USE SUBMITTAL STATUS	
MAY 17, 2022	
DATE	
20015	
PROJECT NUMBER	

# P0.00

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City of Wilsonville  
Exhibit B2 DB22-0003 et al

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P2.10	PRELIMINARY STREET CROSS SECTIONS
P3.00	PRELIMINARY PLAT
P4.00	PRELIMINARY UTILITY PLAN
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L3.00	LANDSCAPE NOTES AND DETAILS
IL-1	ILLUMINATION NOTES
IL-2	ILLUMINATION DETAILS
IL-3	ILLUMINATION PLAN



#### APPLICANT/ DEVELOPER

NAME: WEST HILLS LAND DEVELOPMENT  
CONTACT: DAN GRIMBERG  
ADDRESS: 3330 NW YEON AVENUE, SUITE 200  
PORTLAND, OR 97210  
PHONE: (503) 641-7342

#### PLANNER /CIVIL ENGINEER/ SURVEYOR/ LANDSCAPE ARCHITECT

NAME: OTAK INCORPORATED  
PLANNER: LI ALLIGOOD, AICP  
ENGINEER: KEITH BUISMAN, P.E.  
SURVEYOR: MICHAEL SPELTZ, PLS  
LANDSCAPE ARCHITECT: GABRIEL KRUSE, PLS  
ADDRESS: 808 SW THIRD AVENUE, SUITE 800  
PORTLAND, OR 97204  
PHONE: (503) 287-6825

#### NATURAL RESOURCES CONSULTANT

NAME: AKS ENGINEERING & FORESTRY, LLC  
CONTACT: STACEY REED, PWS  
ADDRESS: 12965 SW HERMAN RD, SUITE 100  
TUALATIN, OR 97062  
PHONE: (503) 563-6151

#### GEOTECHNICAL ENGINEER

NAME: HARDMAN GEOTECHNICAL SERVICES, INC.  
CONTACT: SCOTT HARDMAN, P.E.  
ADDRESS: 10110 SW NIMBUS AVENUE, SUITE B-5  
PORTLAND, OR 97223  
PHONE: (503) 530-8076

#### STREET LIGHTING

NAME: KITTELSON & ASSOCIATES  
CONTACT: ANTHONY YI, P.E.  
ADDRESS: 851 SW SIXTH AVE, SUITE 600  
PORTLAND, OR 97204  
PHONE: (503) 228-5230

#### ARBORIST

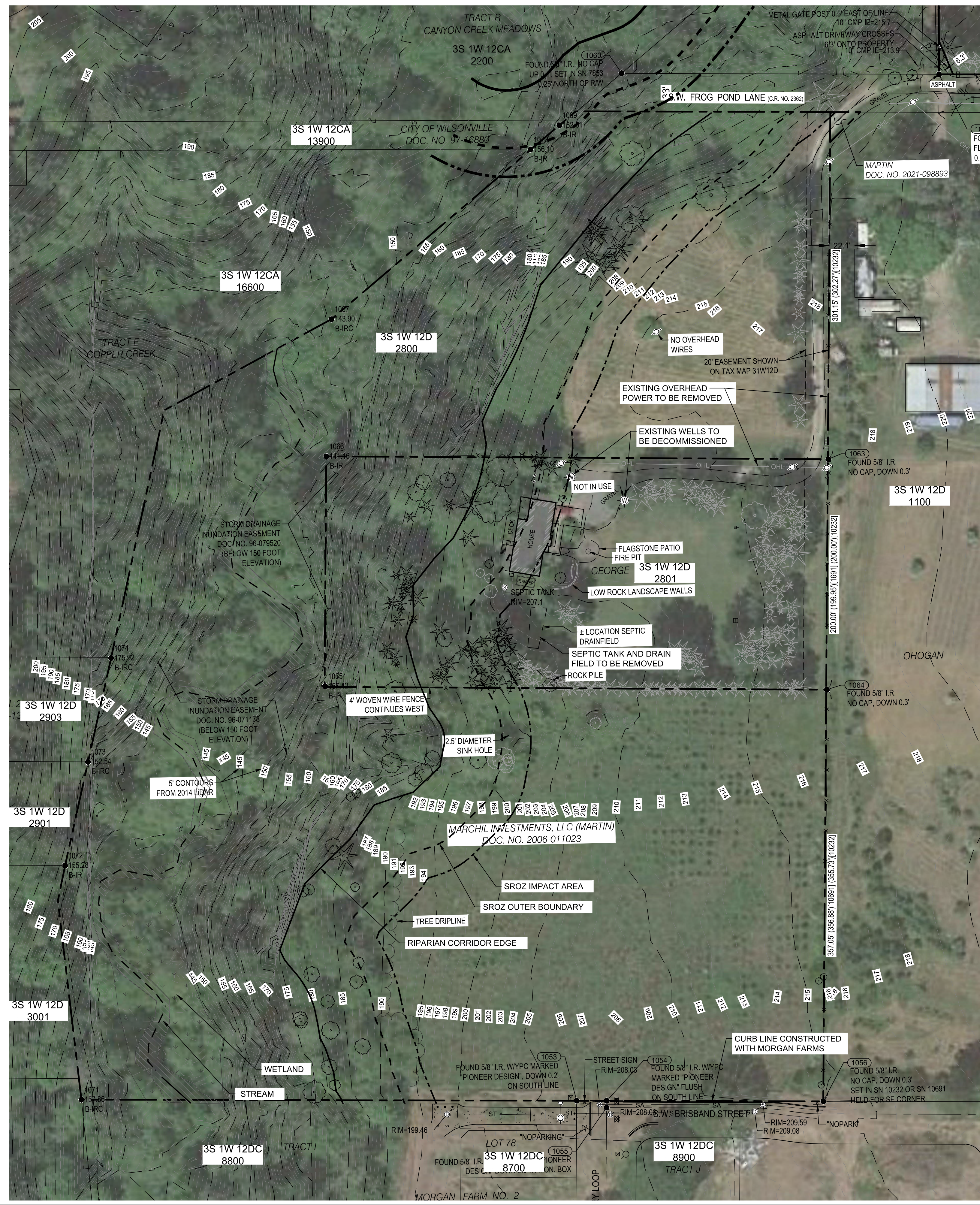
NAME: PORTLAND TREE CONSULTING  
CONTACT: RYAN NEUMANN  
ADDRESS: PO BOX 19042  
PORTLAND, OR 97280  
PHONE: (503) 421-3883

#### SITE INFORMATION

CLACKAMAS COUNTY  
CITY OF WILSONVILLE, OREGON, 97070

TAXLOT	AREA (AC)
3S 1W 12D 2800 (7480 SW FROG POND LANE)	9.30
3S 1W 12D 2801 (7500 SW FROG POND LANE)	2.00
3S 1W 12D 3500	0.01

Plotted: Aug. 03, 2022, 11:30am, Keith Buisman, L:\Project\20000020015\CADD\DWG\Frog Pond\_Terrace\P210015P000.dwg, Layout Name: P0.00

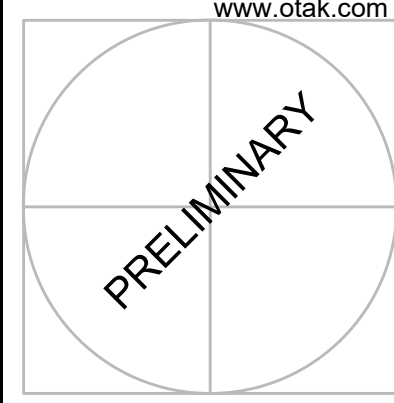


**EXISTING LEGEND**

- PROPERTY LINE
- PROJECT LIMITS
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- OVERHEAD LINE
- COM. CABLE LINE
- GAS LINE
- WATER LINE
- ELECTRIC LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- WETLANDS
- TREES



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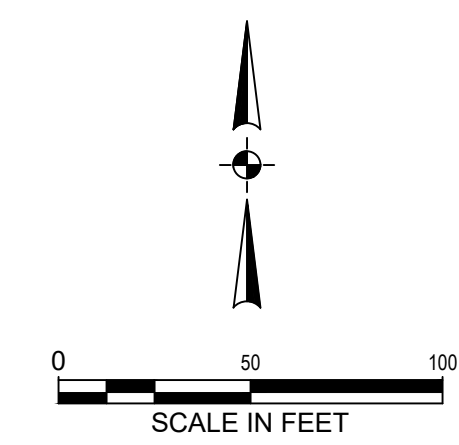
**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**EXISTING CONDITIONS - AERIAL**

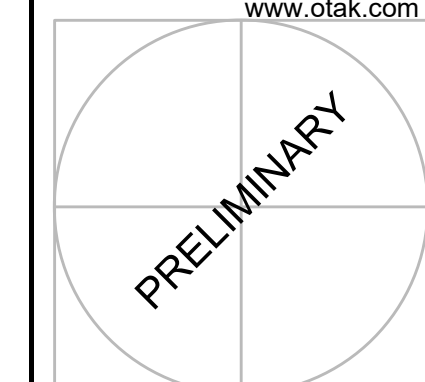
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**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**EXISTING CONDITIONS - SURVEY MAPPING**

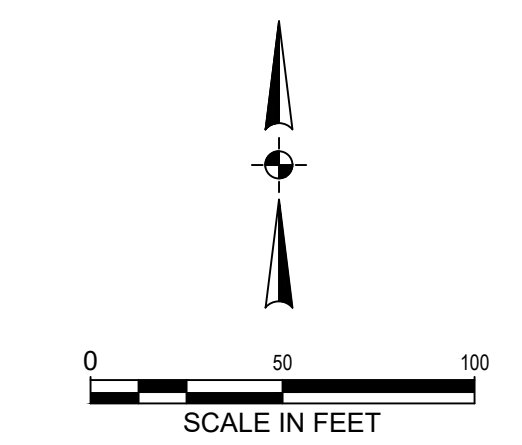
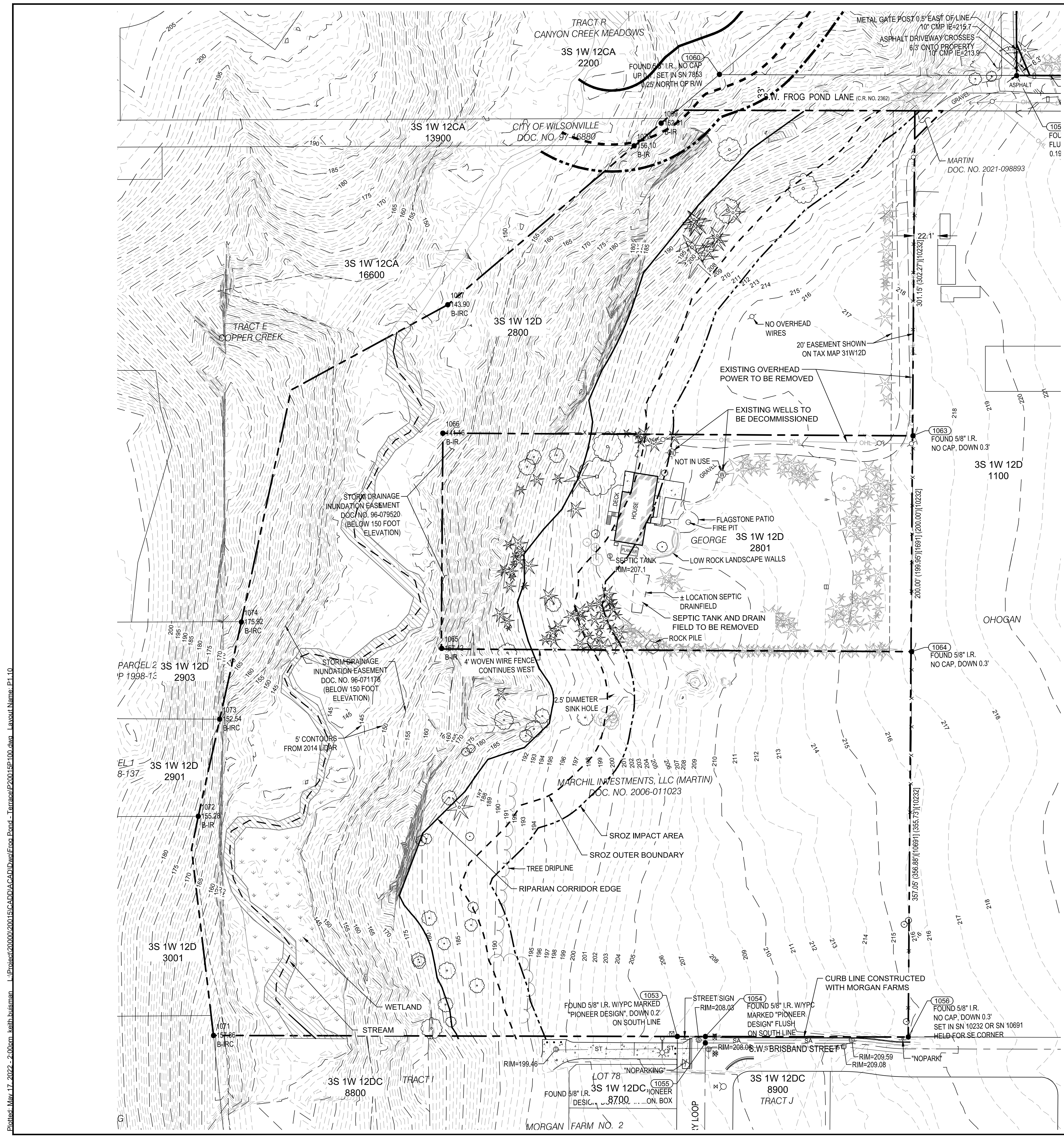
**EXISTING LEGEND**

- PROPERTY LINE
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- EXISTING 5' CONTOUR
- OVERHEAD LINE
- COM. CABLE LINE
- GAS LINE
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- SANITARY SEWER MANHOLE
- STORM DRAIN MANHOLE
- WETLANDS
- TREES

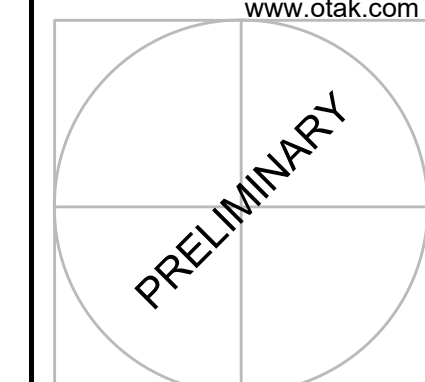
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**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

TITLE

#	DATE	DESCRIPTION

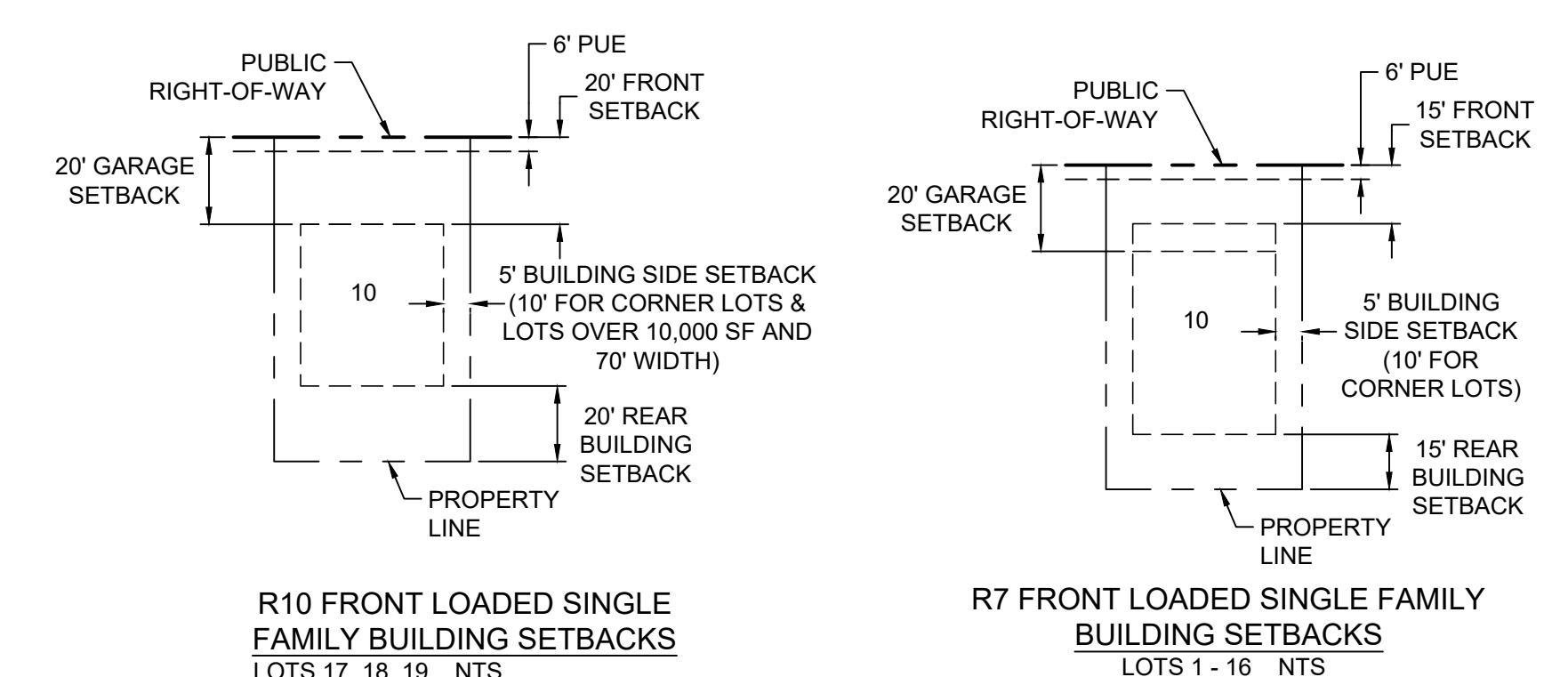
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NO.	DATE	DESCRIPTION

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DATUM  
OTAK CAD KJB  
DRAWN BY CHECKED BY  
LAND USE SUBMITTAL  
STATUS  
MAY 17, 2022  
DATE  
20015  
PROJECT NUMBER

**LEGEND**

PROPERTY LINE	---
CENTER LINE	---
LOT LINE	---
LOT SETBACK	---
LOT NUMBER / NAME	16
EASEMENT LINE	---
STANDARD CURB	---
SIDEWALK	---
RETAINING WALL	[X]
INTERSECTION SIGHT DISTANCE	○ x=DESIGN SPEED(MPH)x10/MPH
TYPICAL STREET CROSS SECTION (SEE SHEET P2.10)	A (P2.10)
LIDA SWALE	---
DRIVEWAY	---
CURB RAMP	---

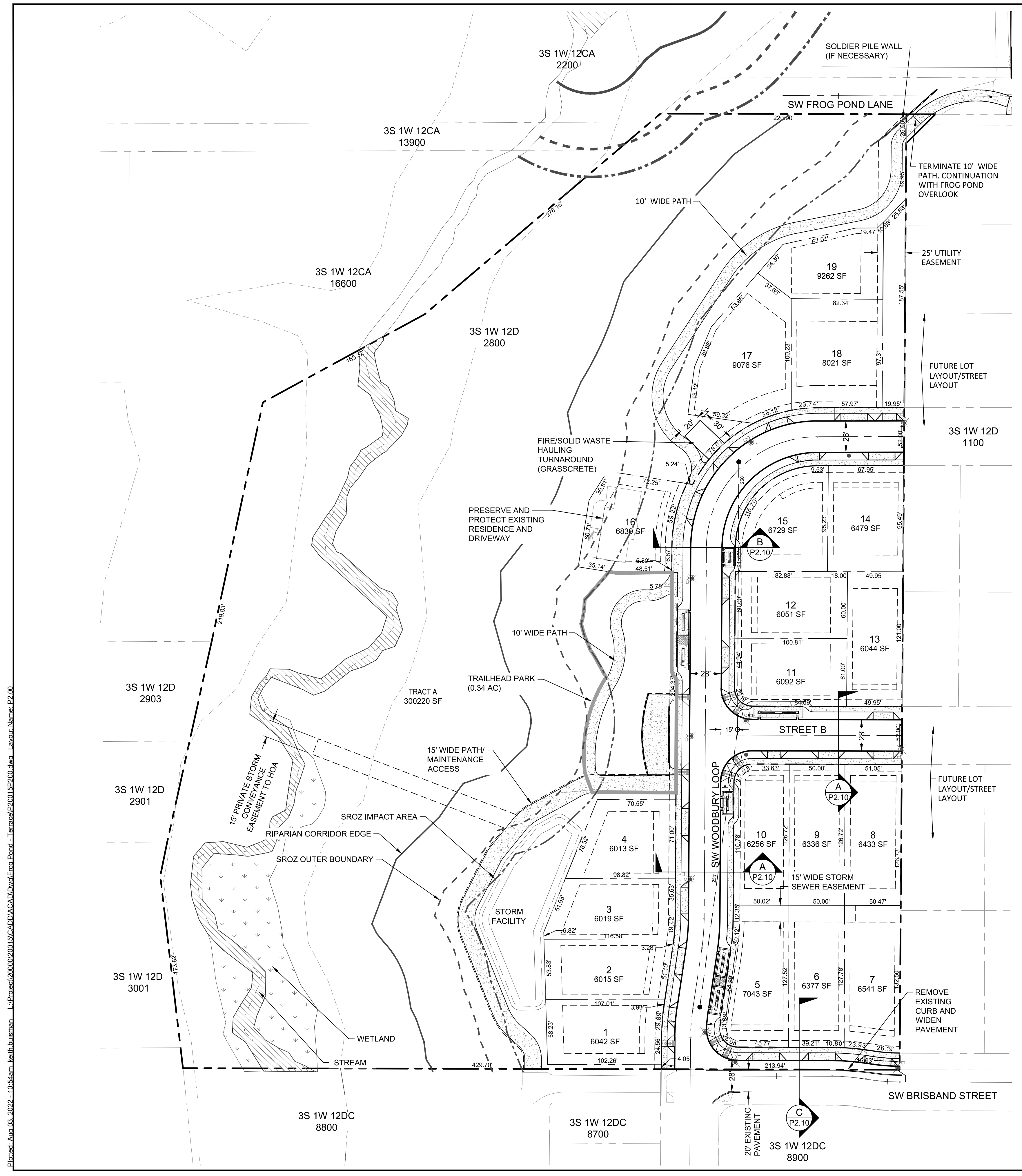
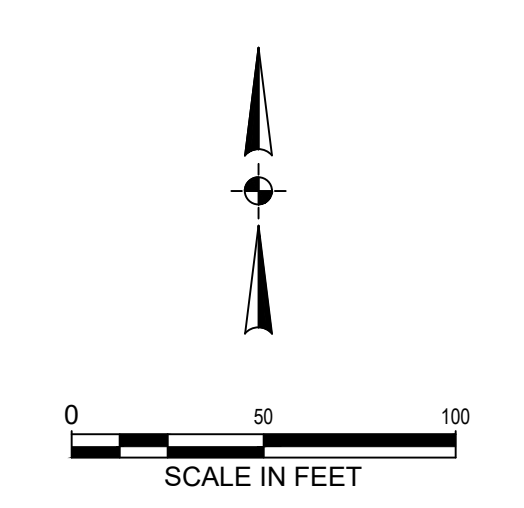


LOT	AREA
1	6,042 SF
2	6,015 SF
3	6,019 SF
4	6,013 SF
5	7,043 SF
6	6,377 SF
7	6,541 SF
8	6,433 SF
9	6,336 SF
10	6,256 SF
11	6,092 SF
12	6,051 SF
13	6,044 SF
14	6,479 SF
15	6,729 SF
16	6,830 SF
17	9,076 SF
18	8,021 SF
19	9,262 SF

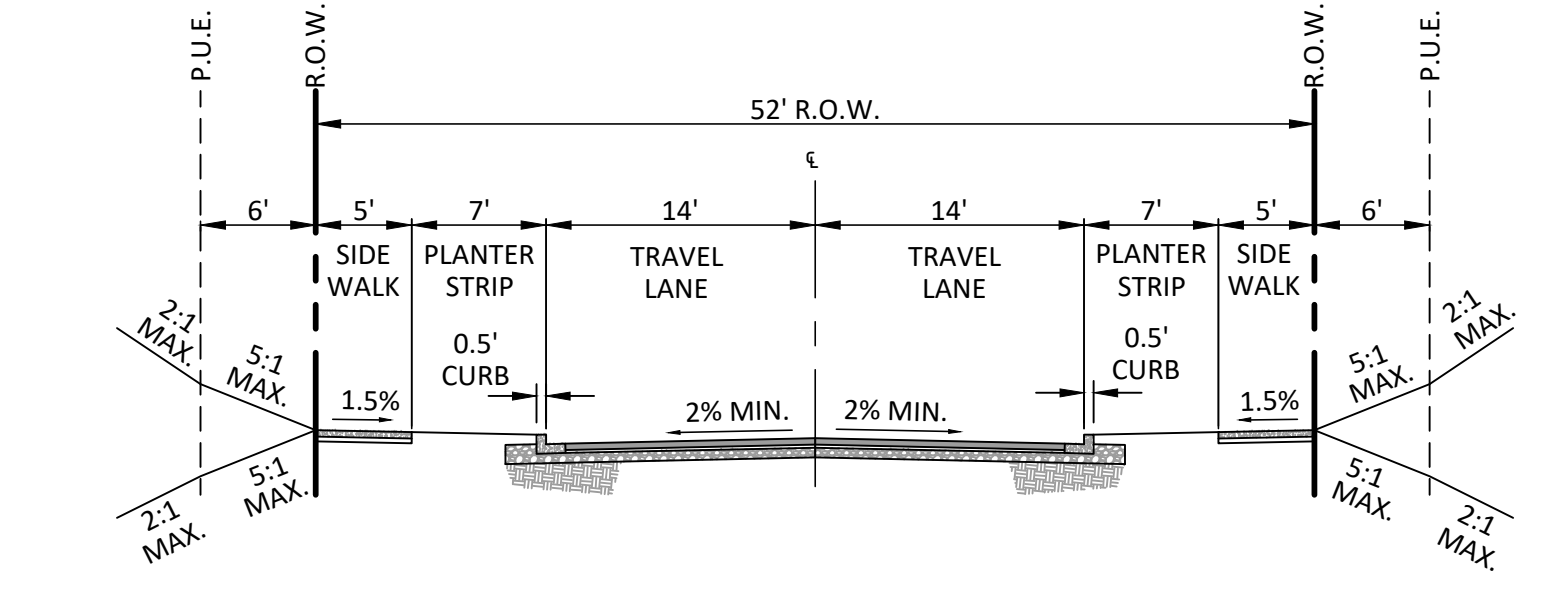
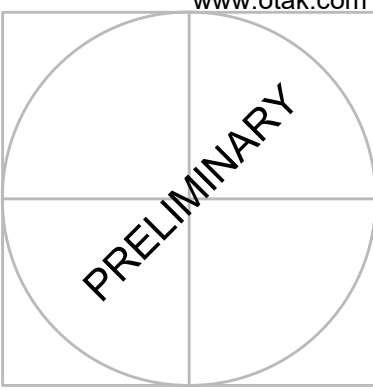
TRACT/ROW AREA	TRACT	AREA
TRACT		
ROW		48,101 SF
TRACT A		300,220 SF

**Development Summary**

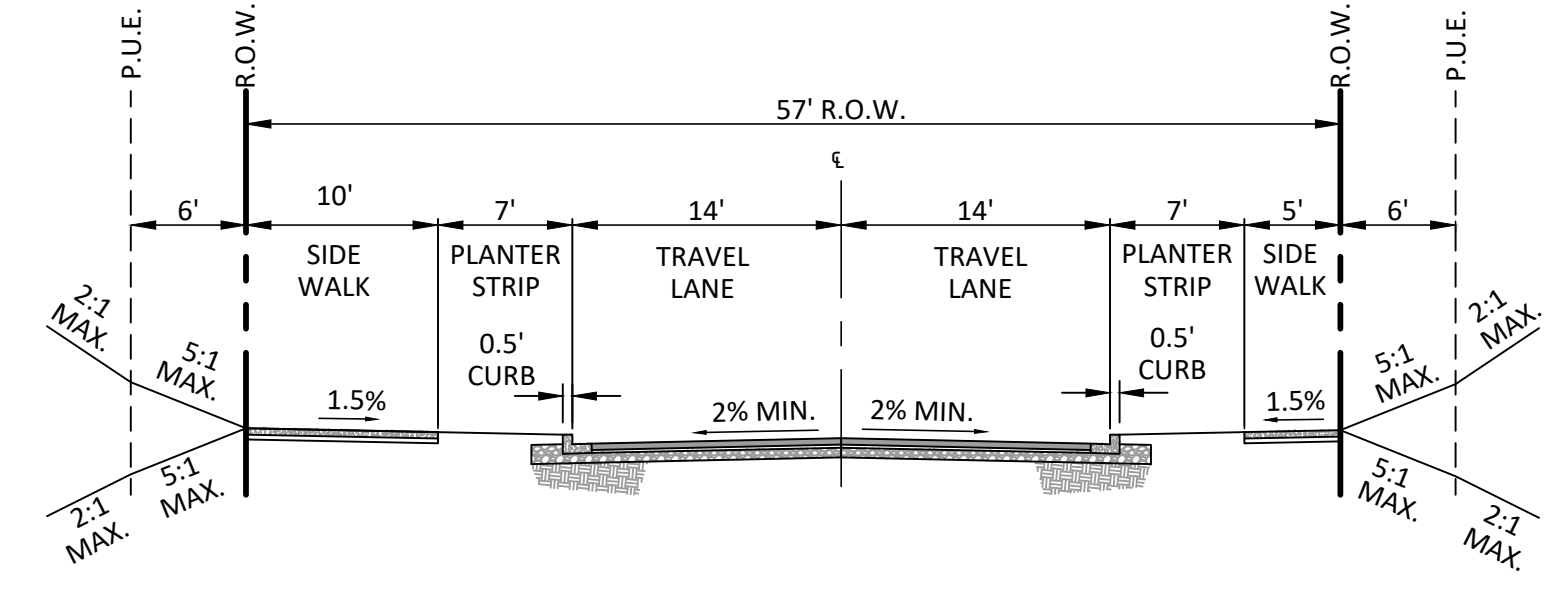
Category	Area	Percentage
Residential	lot Area	127,659 26.82%
Open space	300,220	63.07%
Right of way	48,101	10.11%
<b>Total site area</b>	<b>475,980</b>	<b>100.00%</b>
<b>Minimum Lot Size</b>	<b>6,013 s.f.</b>	
<b>Average Lot size</b>	<b>6,719 s.f.</b>	



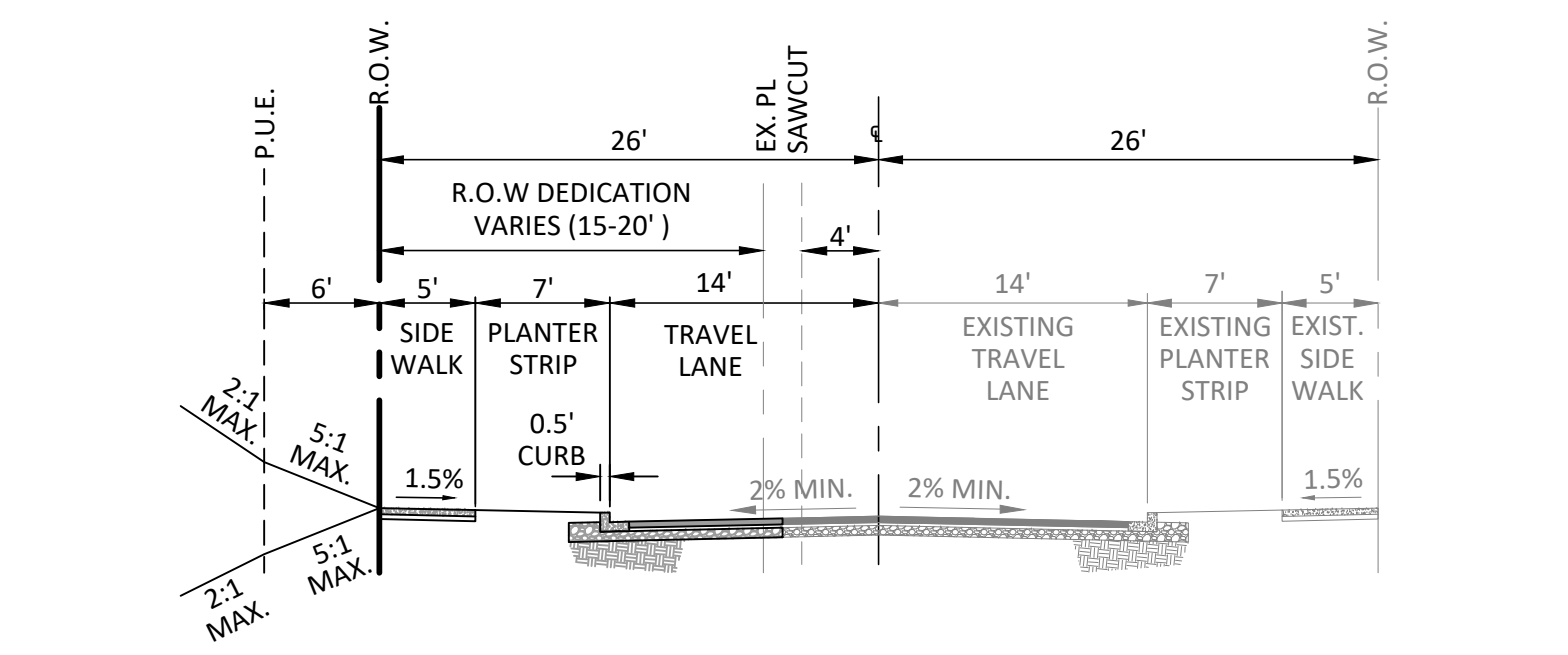
Plotted: Aug.03.2022 - 10:54am - Leah Buismam - L:\Project\2000020015\CADD\DWG\Frog Pond\_Terrace\P20015P200.dwg - Layout Name: P2.00



**A** SW WOODBURY LOOP AND STREET B  
(LOCAL STREET - PARKING ON BOTH SIDES)  
SCALE: 1" = 10'-0"



**B** SW WOODBURY LOOP  
(LOCAL STREET - PARKING ON BOTH SIDES)  
SCALE: 1" = 10'-0"



**C** SW BRISBAND ST  
(LOCAL STREET - PARKING ON BOTH SIDES)  
SCALE: 1" = 10'-0"

**STREET CROSS SECTIONS**  
SEE SHEET P2.00 FOR SECTION LOCATIONS

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**PRELIMINARY STREET CROSS SECTIONS**

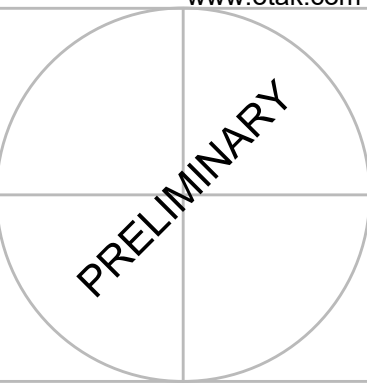
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NAV/D88	DATUM
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DATE	
20015	
PROJECT NUMBER	

**P2.10**

Plotted: May 17, 2022 - 2:00pm. Keith.Buisman... I:\Projects\20015\CADD\CADD\Drawings\Frog Pond - Terrace\20015P210.dwg LayoutName: P2.10

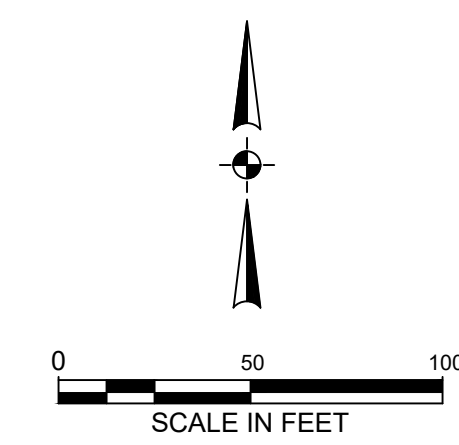
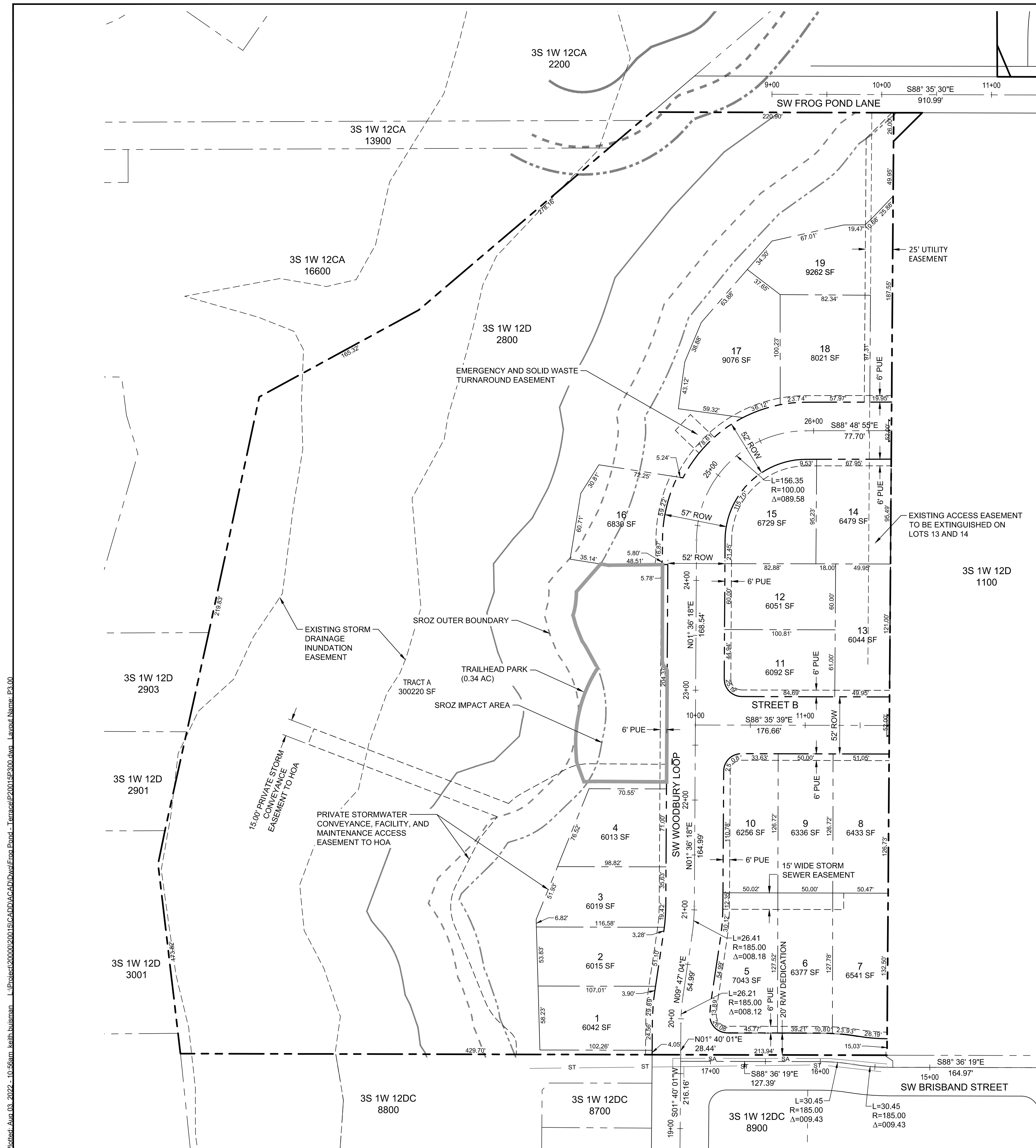


**GENERAL NOTES:**

- TRACT A IS FOR NATURAL RESOURCE, RECREATION, AND STORMWATER PURPOSES. TRACT A OWNERSHIP TO BE CONVEYED TO CITY OF WILSONVILLE AT PLAT RECORDING.

**LEGEND**

	PROPOSED
PROJECT BOUNDARY	— — — — —
RIGHT OF WAY	— — — — —
CENTER LINE	— — — — —
LOT LINE	— — — — —
EASEMENT LINE	— — — — —
LOT NUMBER / NAME	2



**FROG POND TERRACE**  
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CITY OF WILSONVILLE, OREGON

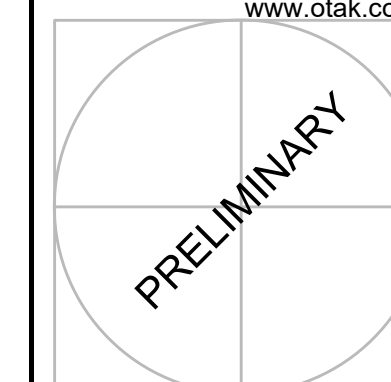
**PRELIMINARY PLAT**

TITLE	#	DATE	DESCRIPTION

REVISIONS	
NAV/D88	DATUM
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MAY 17, 2022	DATE
20015	PROJECT NUMBER

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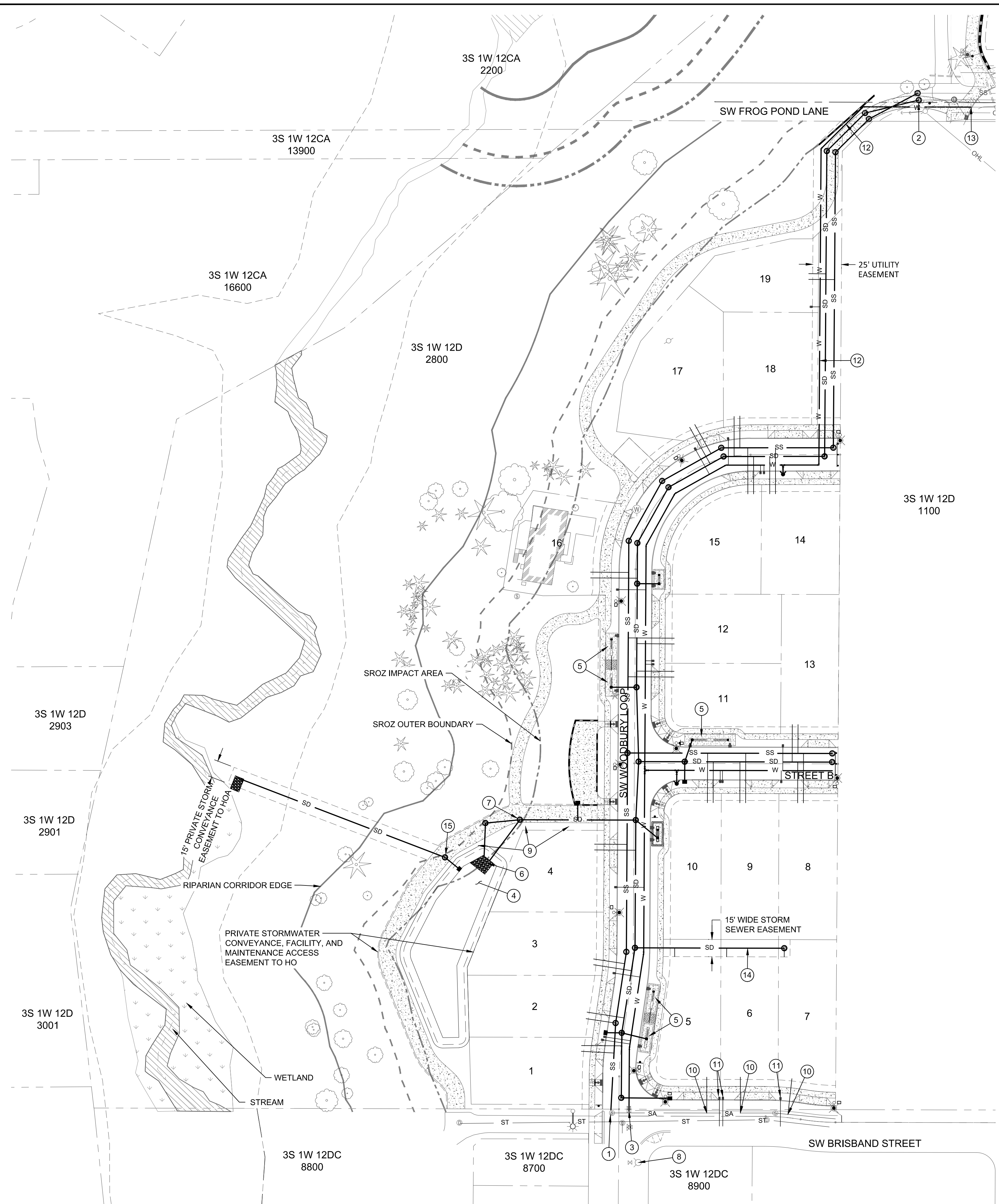
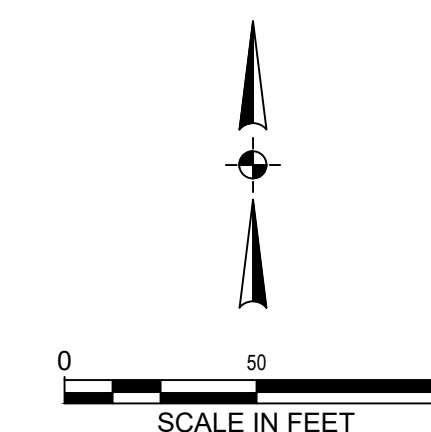


**UTILITY KEY NOTES**

- 1 CONNECT TO EXISTING SANITARY SEWER.
- 2 CONNECT TO STORM SEWER TO BE CONSTRUCTED WITH FROG POND OVERLOOK.
- 3 CONNECT TO EXISTING WATER LINE.
- 4 PROPOSED DETENTION POND (CITY STD. DWG. ST-6060).
- 5 PROPOSED VEGETATED SWALE (CITY STD. DWG. ST-6045 W/ 12" WIDE CONCRETE STEP-OFF WALK ADJACENT TO PAVEMENT).
- 6 STORM SEWER OUTFALL TO DETENTION POND.
- 7 PROPOSED WATER QUALITY MANHOLE.
- 8 EXISTING FIRE HYDRANT.
- 9 NOT USED.
- 10 CONNECT TO EXISTING SANITARY SEWER WITH NEW SERVICE LATERAL.
- 11 CONNECT TO EXISTING WATER LINE WITH NEW WATER SERVICE.
- 12 PROPOSED 8-INCH WATERLINE CONNECTION TO FROG POND LANE. WATERLINE TO BE TEMPORARY UNTIL 12-INCH LINE IS CONSTRUCTED IN STREET WITH DEVELOPMENT EAST OF SITE.
- 13 CONNECT TO WATER LINE TO BE CONSTRUCTED WITH FROG POND OVERLOOK.
- 14 CONSTRUCT PUBLIC BACKYARD STORM SEWER FOR LOTS 6 AND 7 STORM DRAINAGE.
- 15 PROPOSED FLOW CONTROL STRUCTURE (CITY STD. DWG. ST-6110).

**LEGEND**

SITE	PROPOSED
PROJECT BOUNDARY	---
STORM DRAIN MANHOLE	Ⓢ
STORM DRAIN CLEAN OUT	Ⓢ
LIDA FLOW CONTROL STRUCTURE (BEEHIVE: CITY STANDARD DWG. ST-6120)	•
CATCH BASIN	■
STORM DRAIN MAIN	— SD —
STORM DRAIN LATERAL	— SD —
SANITARY SEWER MANHOLE	Ⓢ
SANITARY SEWER CLEAN OUT	Ⓢ
SANITARY SEWER MAIN	— SS —
SANITARY SEWER LATERAL	— SS —
WATER VALVE	⊕
WATER BLOW-OFF	⊕
WATER METER	⊕
WATER FIRE HYDRANT	⊕
WATER MAIN	— W —
WATER LATERAL	— W —
STREET LIGHT PGE OPTION "B" LED WITH WESTBROOKE 35W LED AND 18" DECORATIVE ALUMINUM POLE (20' MOUNTING HEIGHT W/ 4' MAST ARM)	⊕



Plotted: Aug. 08. 2022 - 10:42am. Leith Buismann. L:\Project\2000020015\CADD\DWG\Frog Pond - Terrace\EP20015P4.00.dwg. Layout Name: P4.00

#	DATE	DESCRIPTION

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**P4.00**

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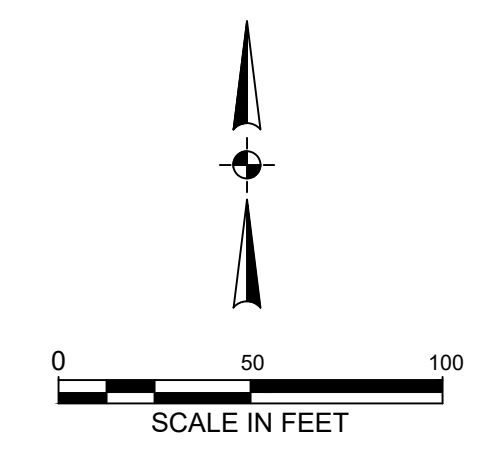
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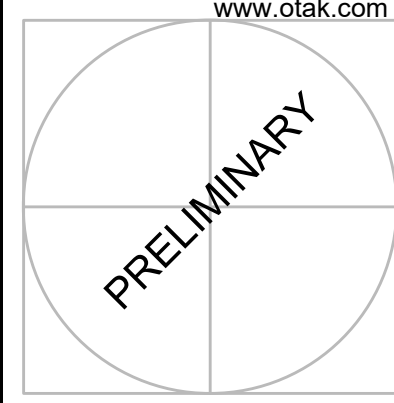


**LEGEND**

- EXISTING 1' CONTOUR - - - - - 276
- EXISTING 5' CONTOUR - - - - - 280
- PROPOSED 1' CONTOUR - - - - - 276
- PROPOSED 5' CONTOUR - - - - - 280
- RETAINING WALL = = = = =
- LOT FLOW ARROW →
- EXISTING TREES TO REMAIN ⊗
- EXISTING TREES TO BE REMOVED ⊗
- APPROXIMATE WALL HEIGHT 6'



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**PRELIMINARY GRADING PLAN**

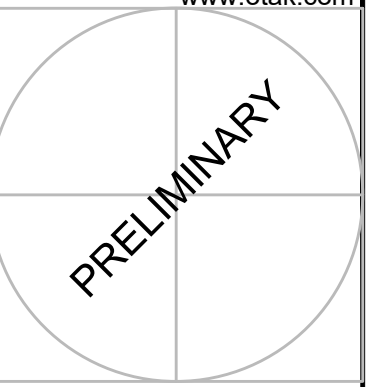
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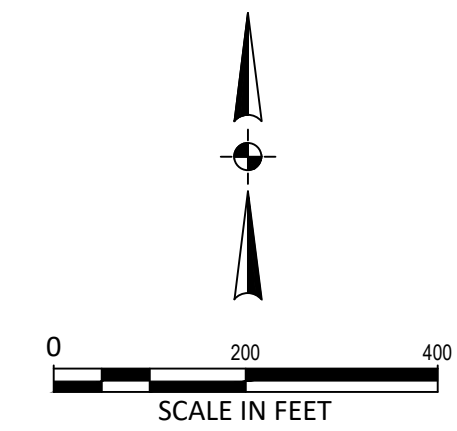
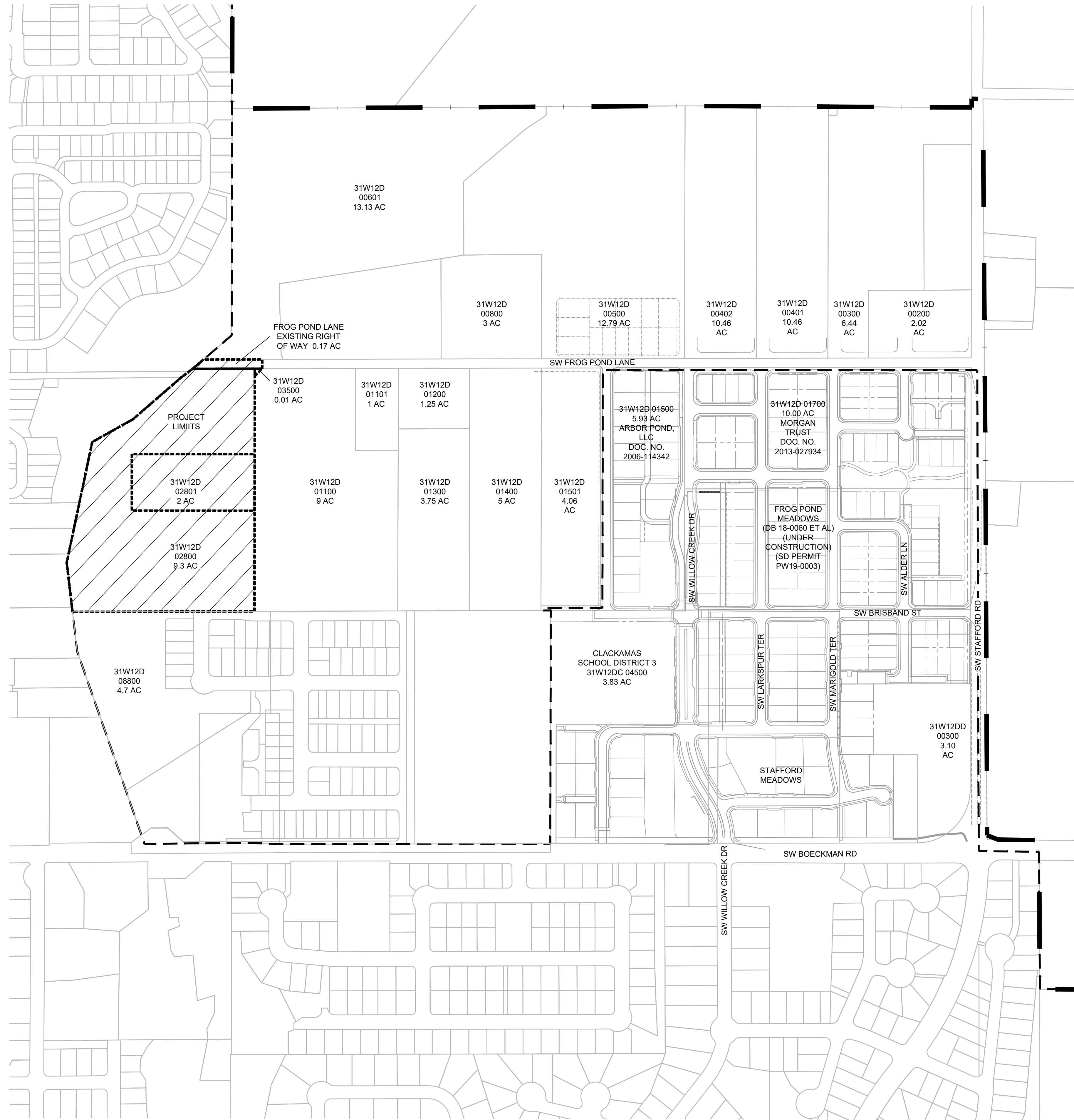


STAMP

WEST HILLS  
LAND DEVELOPMENT  
CONSULTANT

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**ANNEXATION PLAN**



**LEGEND**

- PROJECT LIMITS
- EXISTING CITY LIMITS
- EXISTING URBAN GROWTH BOUNDARY
- PROPOSED AREA TO BE ANNEXED TO THE CITY OF WILSONVILLE

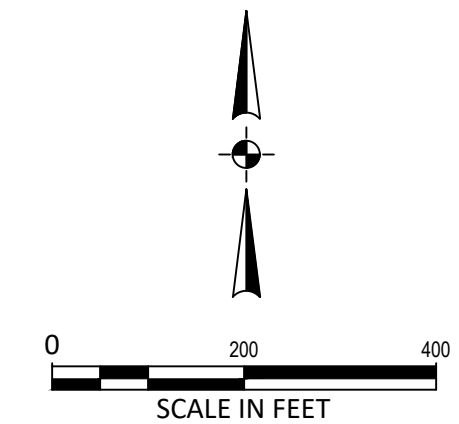
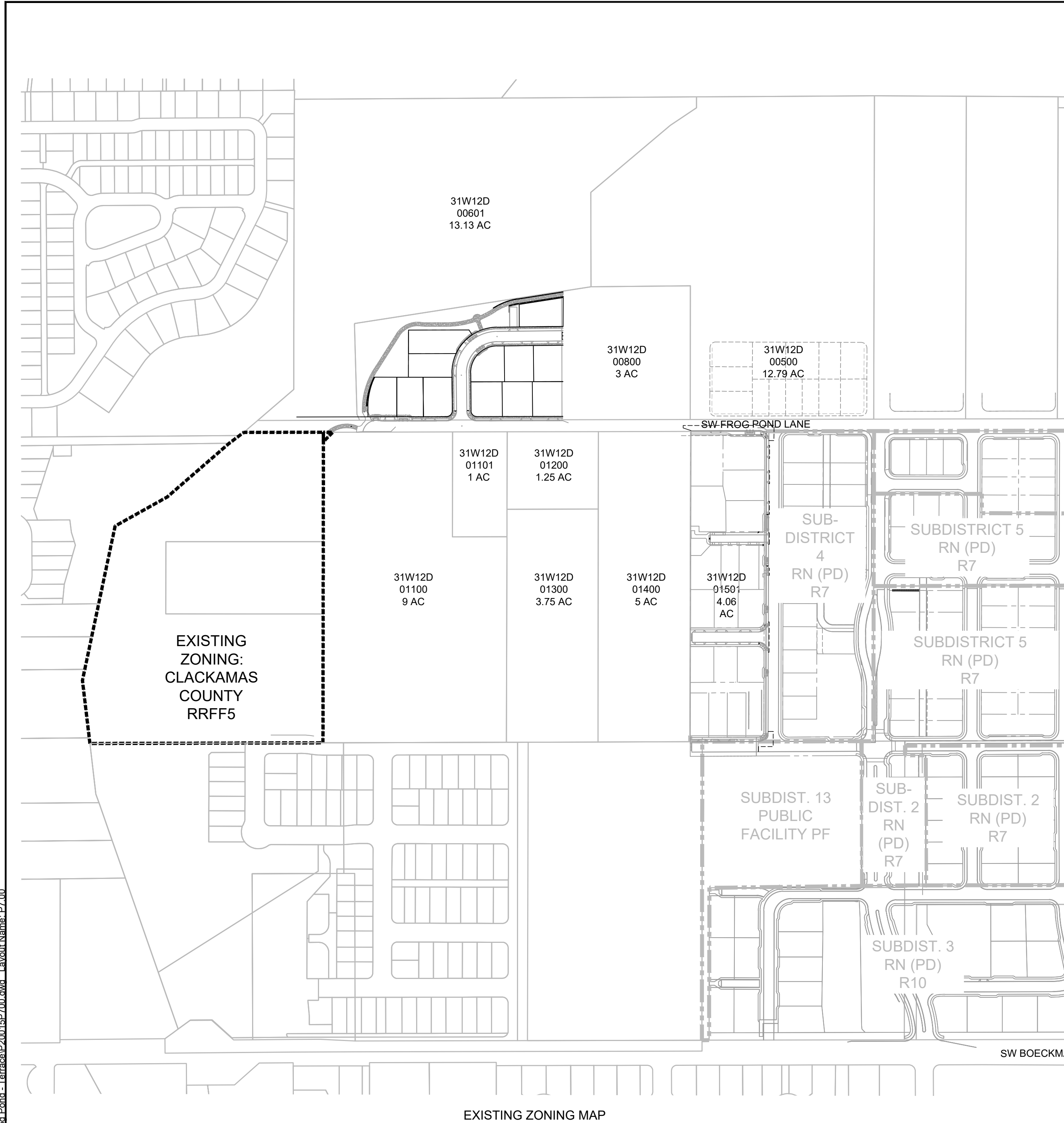
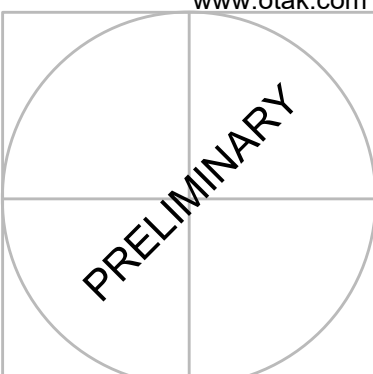
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**P6.00**

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**LEGEND**

PROJECT LIMITS	-----
SUBDISTRICT LINE	-----

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**ZONING MAP**

#	DATE	DESCRIPTION

REVISIONS

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OTAK CAD DRAWN BY KJB

CHECKED BY

LAND USE SUBMITTAL STATUS

MAY 17, 2022 DATE

20015 PROJECT NUMBER

**P7.00**

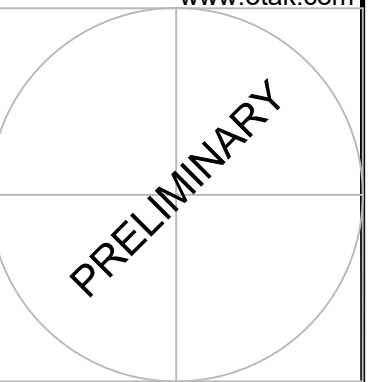
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Plotted: May 17, 2022 - 11:01am - Mike Haynes - L:\Projects\20015\20015\CADD\Frog Pond Terrace\20015P700.dwg - Layout Name: P7.00

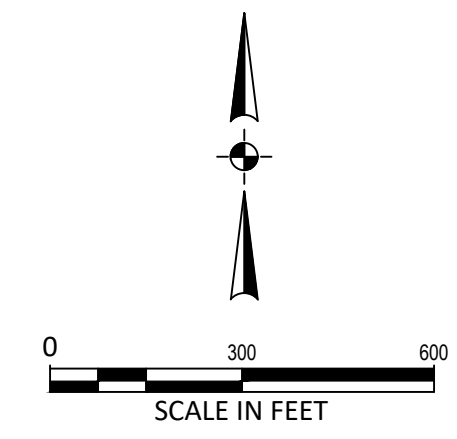
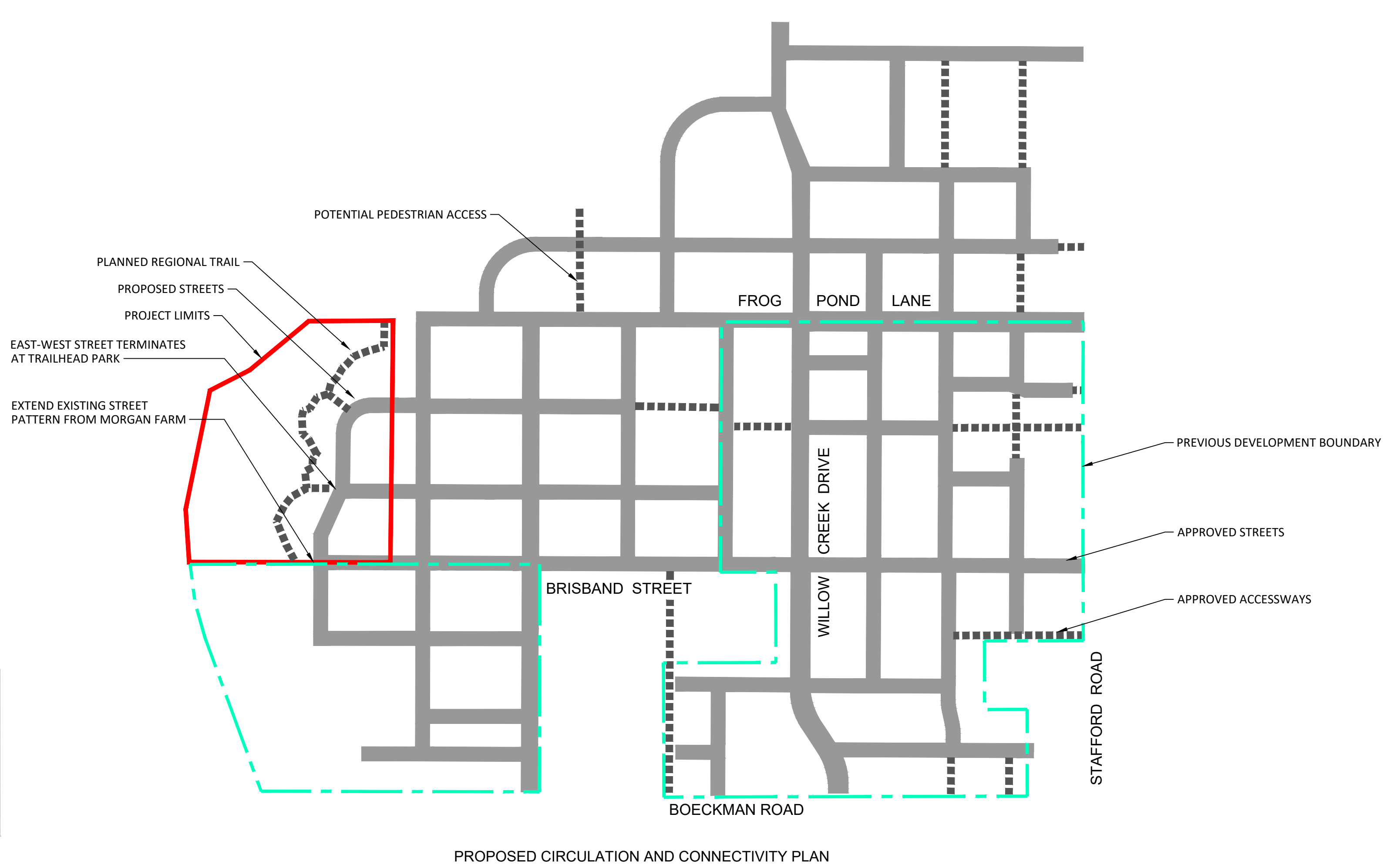
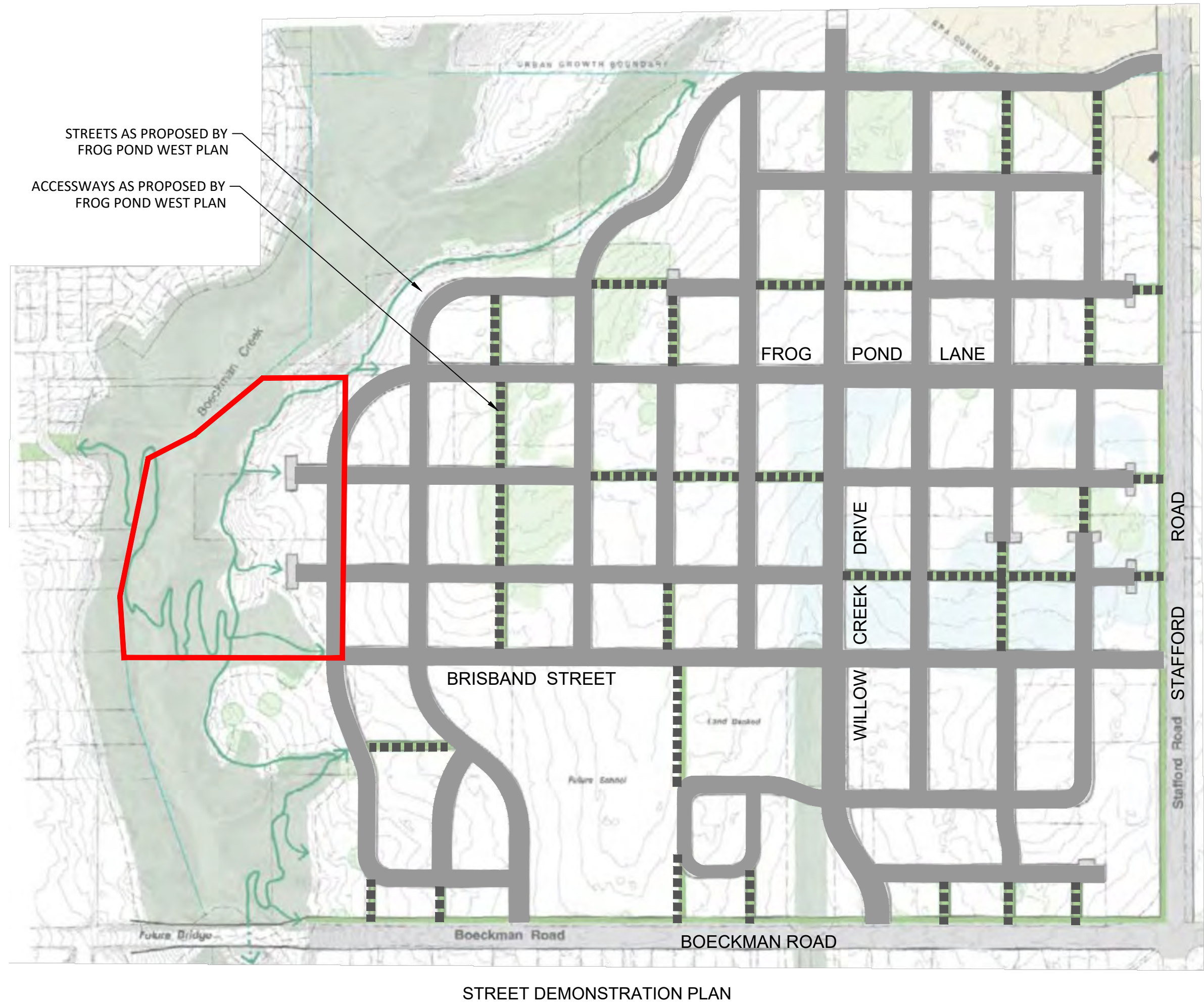


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**FROG POND TERRACE**  
 19 DETACHED SINGLE FAMILY LOTS  
 CITY OF WILSONVILLE, OREGON

**PROPOSED CIRCULATION AND CONNECTIVITY**



#	DATE	DESCRIPTION

REVISIONS

NAVDS8 DATUM

OTAK CAD DRAWN BY: KJB  
 CHECKED BY:

LAND USE SUBMITTAL STATUS

MAY 17, 2022  
 DATE

20015  
 PROJECT NUMBER

**P8.00**

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Plotted: May 17, 2022 - 12:41pm - Mike Haynes - L:\Projects\20015\20015\CADD\Drawings\Terraes\Terraes19\Terraes19\_Cad\_Terraes19.dwg - Layout Name: P8.00

PRELIMINARY

STAMP



**WEST HILLS**  
LAND DEVELOPMENT  
CONSULTANT

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

SHADOW PLAT STREET LAYOUT

TITLE

# DATE DESCRIPTION

#	DATE	DESCRIPTION

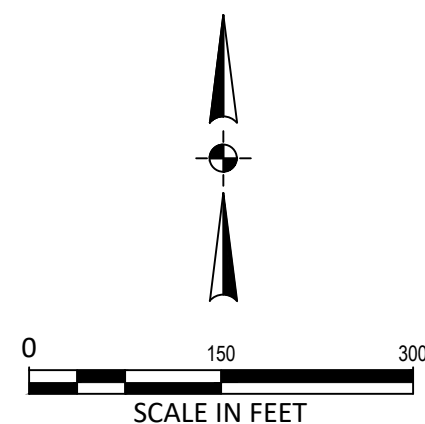
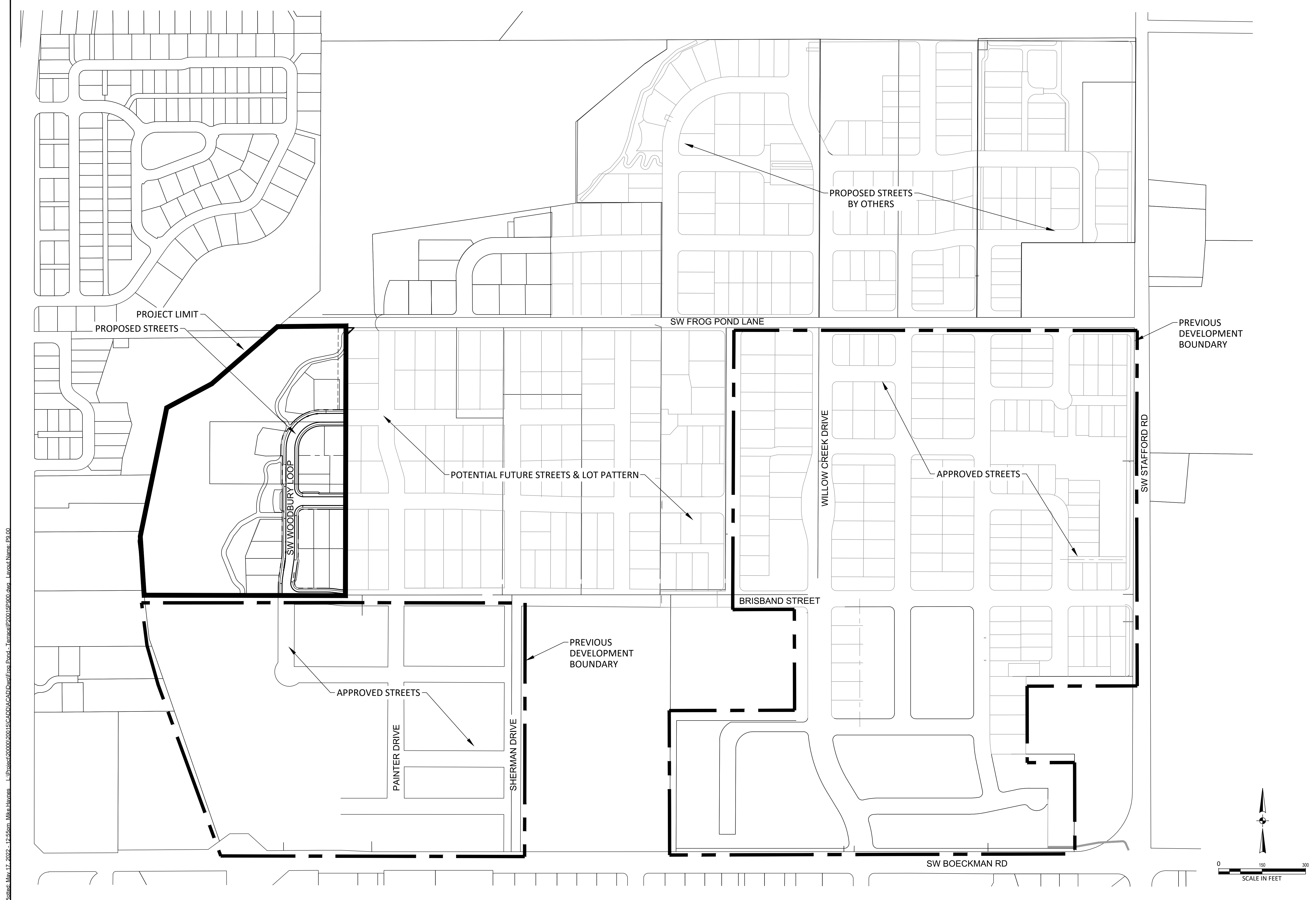
REVISIONS

NAVDB8	DATUM	
OTAK CAD	DRAWN BY	KJB
	CHECKED BY	
LAND USE SUBMITTAL	STATUS	
MAY 17, 2022	DATE	
20015	PROJECT NUMBER	

**P9.00**

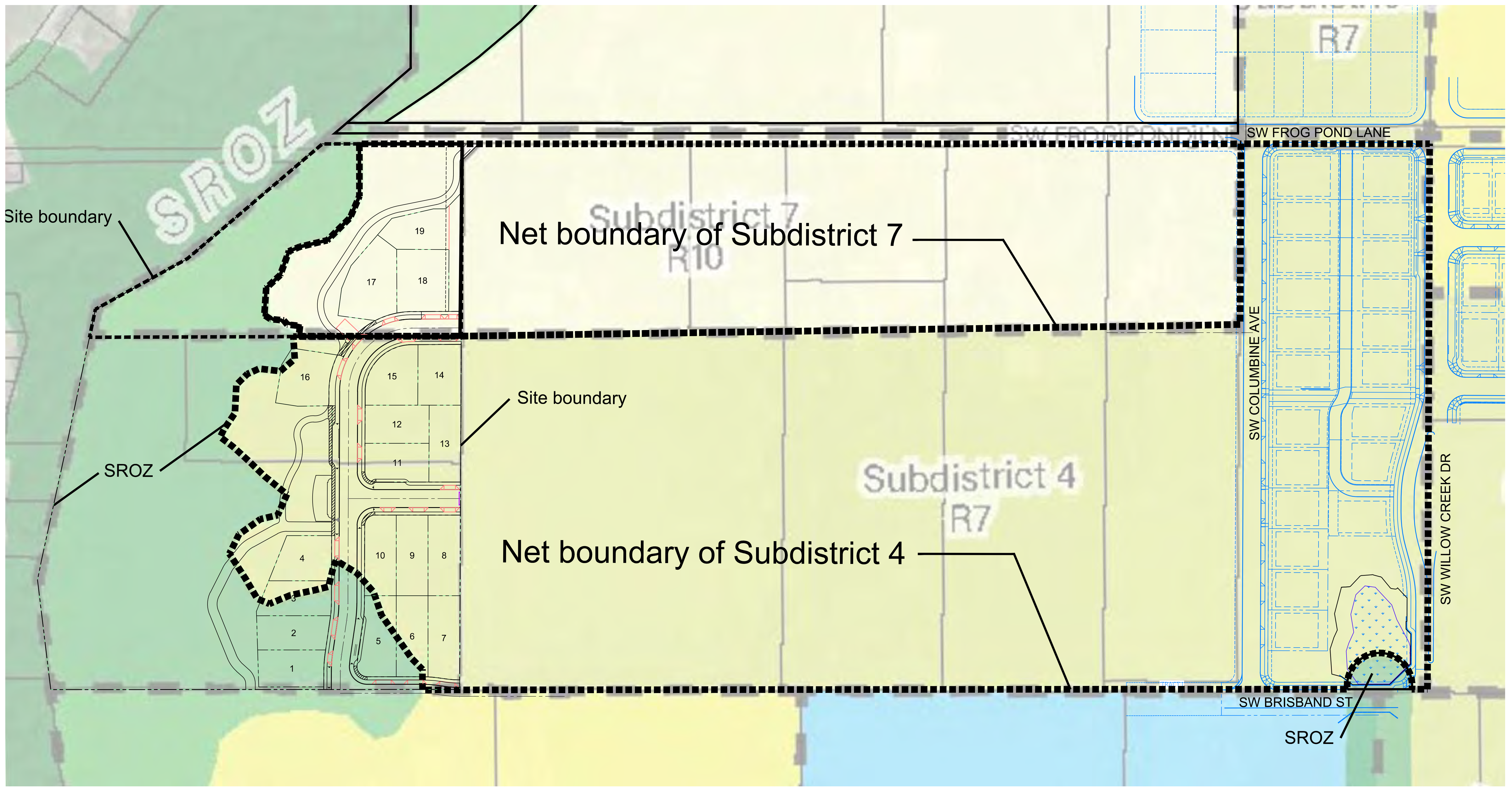
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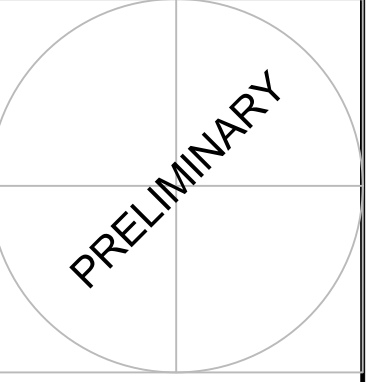


Plotted: May 17, 2022 - 12:45pm - Mike Haynes - L:\Projects\20015\Frog Pond Terrace\20015\Frog Pond Terrace\20015\Frog Pond Terrace.dwg - Layout Name: P9.00

Plotted: May 17, 2022 - 2:55pm Mike Havens L:\Projects\20000\20015\CADD\CAD\Drawl\Drawl - Terrace\2015P10.00.dwg - Layout Name: P10.00



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**FROG POND TERRACE**  
 19 DETACHED SINGLE FAMILY LOTS  
 CITY OF WILSONVILLE, OREGON

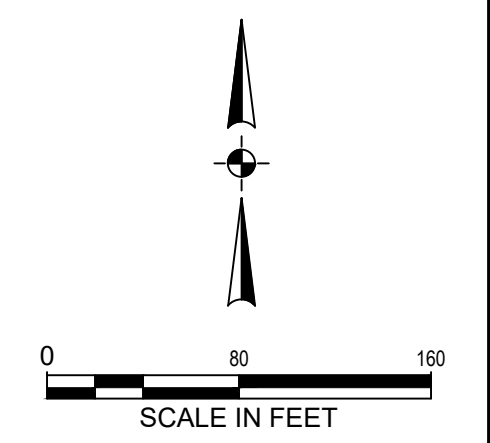
**SUBDISTRICTS AND DENSITY**

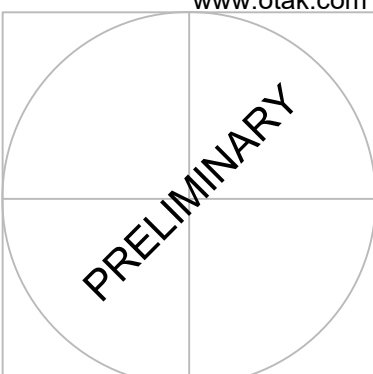
#	DATE	DESCRIPTION

REVISIONS  
 NAVD88 DATUM  
 OTAK CAD DRAWN BY  
 KJB CHECKED BY  
 LAND USE SUBMITTAL STATUS  
 MAY 17, 2022 DATE  
 20015 PROJECT NUMBER

**P10.00**

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STAMP



**WEST HILLS**  
LAND DEVELOPMENT  
CONSULTANT

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

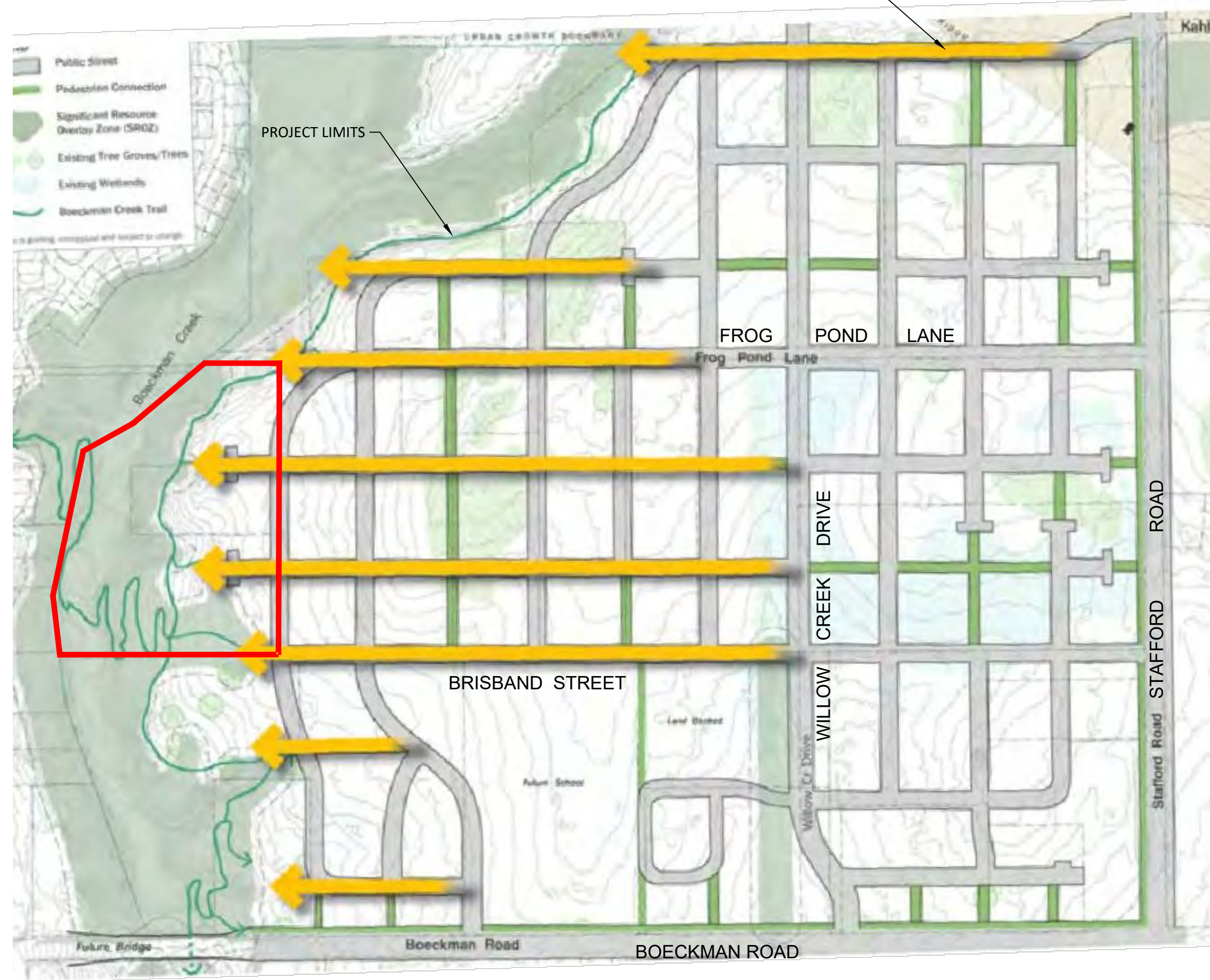
**SIGHT LINES TO BOECKMAN CREEK CORRIDOR**

#	DATE	DESCRIPTION

REVISIONS	
NAVD88 DATUM	
OTAK CAD DRAWN BY	KJB CHECKED BY
LAND USE SUBMITTAL STATUS	
MAY 17, 2022 DATE	
20015 PROJECT NUMBER	

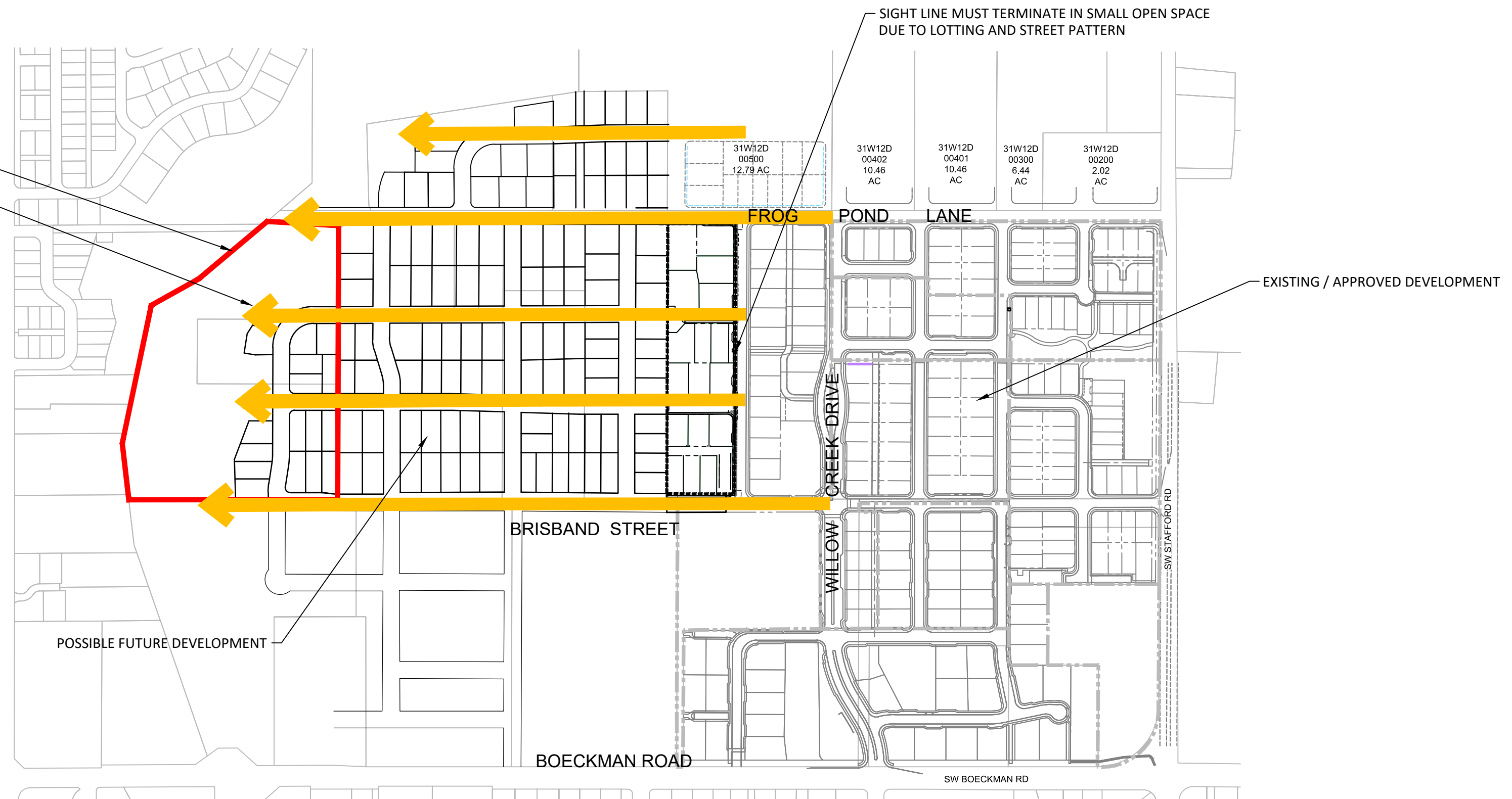
**P11.00**

CONCEPTUAL SIGHT LINES AS SHOWN IN FROG POND WEST MASTER PLAN

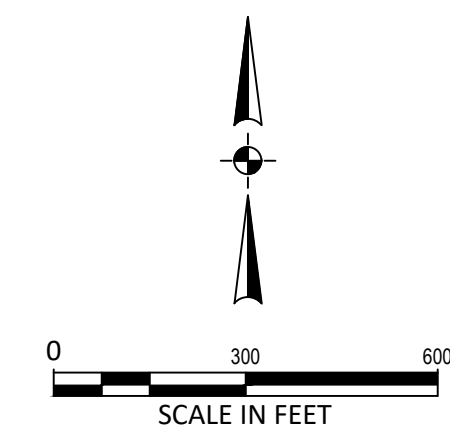


SITE LINES TO BOECKMAN CREEK CORRIDOR  
PER FROG POND WEST MASTER PLAN

PROJECT LIMITS  
PROPOSED SIGHT LINES



PROPOSED SITE LINES TO BOECKMAN CREEK CORRIDOR



### TREE PLAN LEGEND

SYMBOL QTY DESCRIPTION

- 53995 152 EXISTING TREES TO BE REMOVED
- 53994 102 EXISTING TREES TO REMAIN  
1 EXISTING OFF-SITE TREE TO BE PROTECTED
- 348 LF TREE PROTECTION FENCING

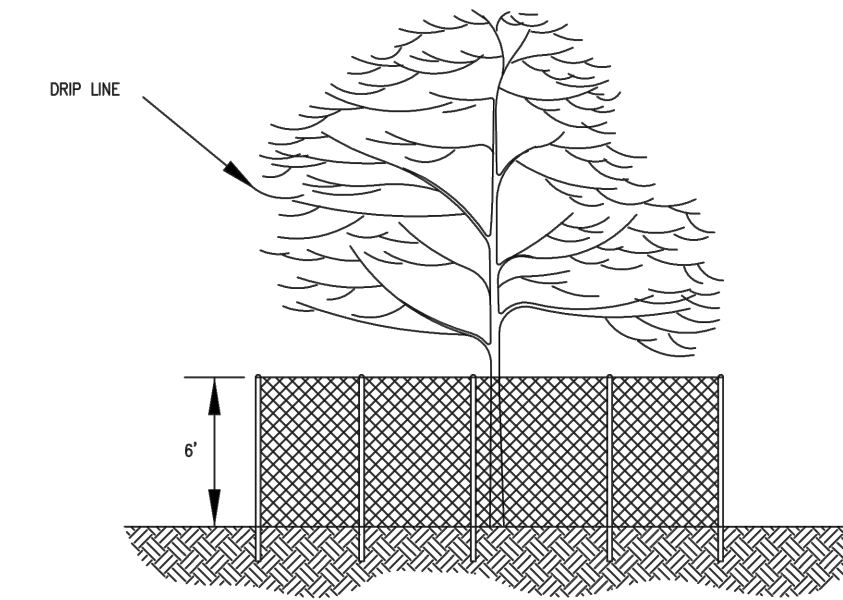
TREE #

SEE PLANTING PLAN L2.00 STREET/SITE TREES TO BE PLANTED

#### NOTES:

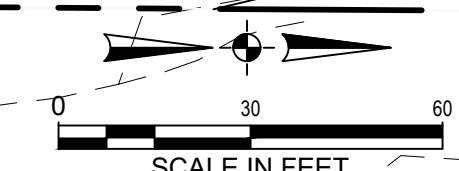
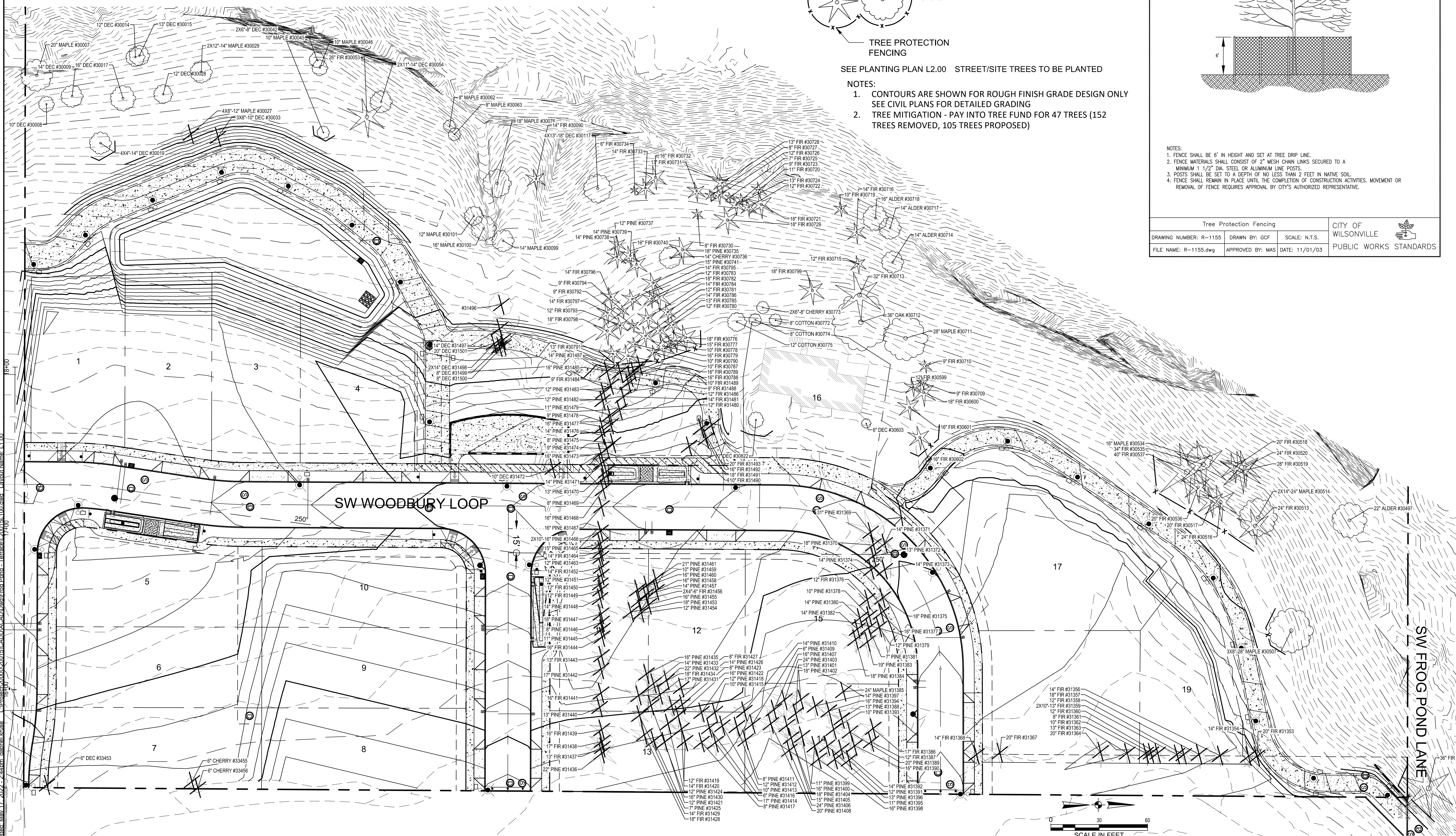
1. CONTOURS ARE SHOWN FOR ROUGH FINISH GRADE DESIGN ONLY  
SEE CIVIL PLANS FOR DETAILED GRADING
2. TREE MITIGATION - PAY INTO TREE FUND FOR 47 TREES (152 TREES REMOVED, 105 TREES PROPOSED)

This Detail Drawing may not be altered or changed in any manner except by the City Engineer. It is the responsibility of the user to acquire the most current version.



- NOTES:
1. FENCE SHALL BE 6' IN HEIGHT AND SET AT TREE DRIP LINE.
  2. FENCE MATERIALS SHALL CONSIST OF 2" MESH CHAIN LINKS SECURED TO A MINIMUM 1 1/2" DIA. STEEL OR ALUMINUM LINE POSTS.
  3. POSTS SHALL BE SET TO A DEPTH OF NO LESS THAN 2 FEET IN NATIVE SOIL.
  4. FENCE SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF CONSTRUCTION ACTIVITIES. MOVEMENT OR REMOVAL OF FENCE REQUIRES APPROVAL BY CITY'S AUTHORIZED REPRESENTATIVE.

Tree Protection Fencing		CITY OF WILSONVILLE
DRAWING NUMBER: R-1155	DRAWN BY: GCF	SCALE: N.T.S.
FILE NAME: R-1155.dwg	APPROVED BY: MAS	DATE: 11/01/03
		PUBLIC WORKS STANDARDS



**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

TREE PROTECTION-REMOVAL PLAN

TITLE	#	DATE	DESCRIPTION
REVISIONS			
NAV/D88			
DATUM			
OTAK CAD			KJB
DRAWN BY			CHECKED BY
LAND USE SUBMITTAL			STATUS
MAY 17, 2022			DATE
20015			PROJECT NUMBER
<b>L1.00</b>			
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EXPIRES: 9/30/2022



Plotfile: Mar. 17, 2022 - 2:44pm. sathadai.kruse L:\Project\2000\20015\CADD\CADD\Draw\Frog Pond - Terrace\11-100.dwg Layout Name: L1.20

Frog Pond Terrace (Martin and George Properties) Page 7 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Rows include yellow pine, Douglas-fir, etc.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

Frog Pond Terrace (Martin and George Properties) Page 8 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Rows include Douglas-fir, yellow pine, etc.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

Frog Pond Terrace (Martin and George Properties) Page 9 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Rows include Douglas-fir, yellow pine, etc.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

Frog Pond Terrace (Martin and George Properties) Page 10 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Rows include yellow pine, Douglas-fir, cottonwood, etc.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

Frog Pond Terrace (Martin and George Properties) Page 11 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Rows include Douglas-fir, red alder, bigleaf maple, etc.

Rating: 0/dead or hazardous, 1/decline, 2/average, 3/excellent health and structure. RPZ mean root protection zone. This is a radius from the trunk measured in feet. Dripline is average Crown Diameter or Canopy Spread. Trees tied and DBH measurements taken by Otak licensed surveyors for at various times.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

Frog Pond Terrace (Martin and George Properties) Page 12 Compiled for West Hills Development, LLC

Table with 8 columns: Tag, Species, DBH, Dripline, Rating, Health & Structure, RPZ, Action. Includes a species list on the right side of the table.

Portland Tree Consulting Fieldwork by Peter Torres, PN-0650B, on 1/14/2022

FROG POND TERRACE 19 DETACHED SINGLE FAMILY LOTS CITY OF WILSONVILLE, OREGON TREE INVENTORY

Title block containing: TITLE # DATE DESCRIPTION, REVISIONS, NAVD88 DATUM, OTAK CAD KJB, DRAWN BY CHECKED BY, LAND USE SUBMITTAL STATUS, MAY 17, 2022 DATE, 20015 PROJECT NUMBER, L1.20, © 2021 OTAK, INC., and a note about scale.

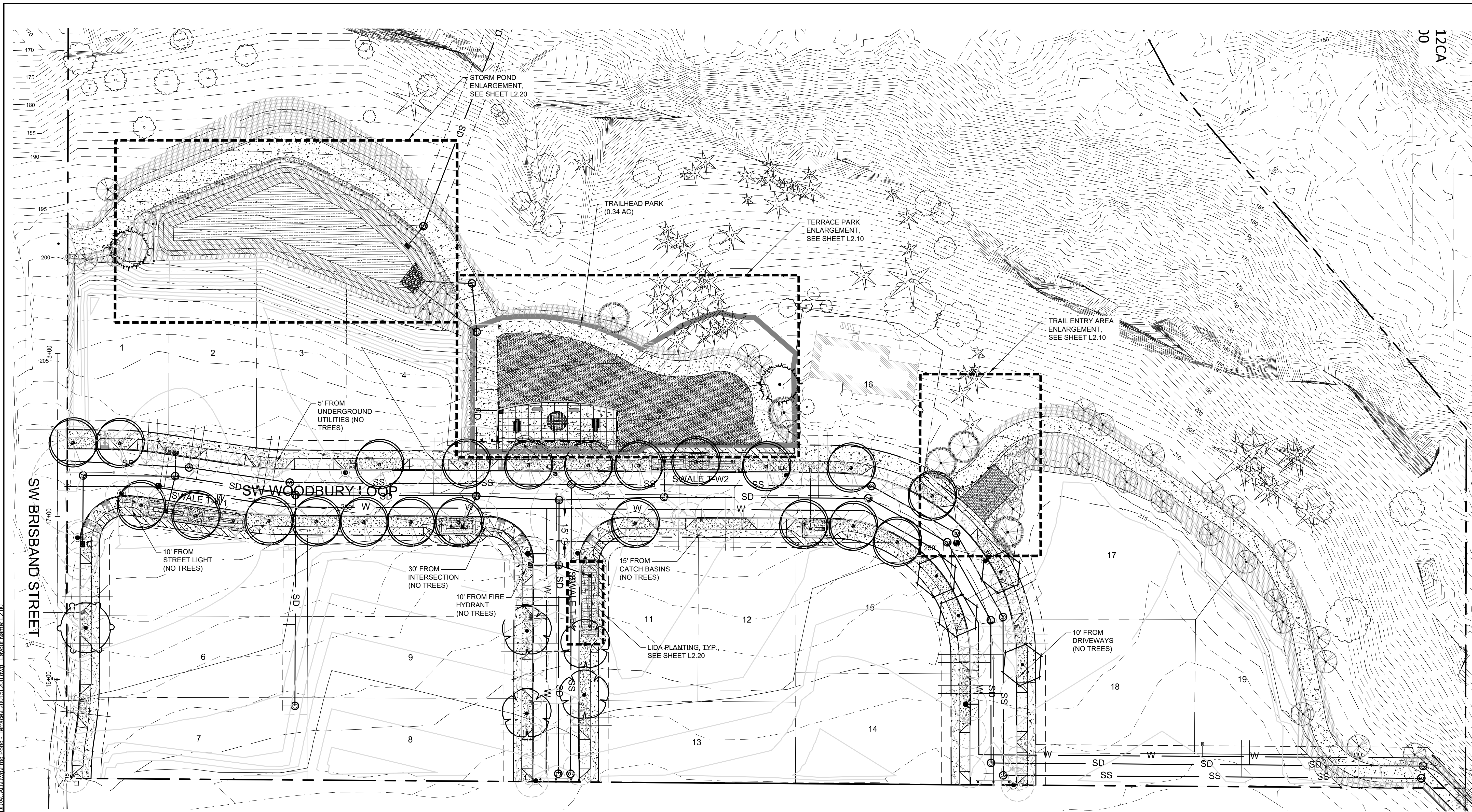
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#	DATE	DESCRIPTION

REVISIONS

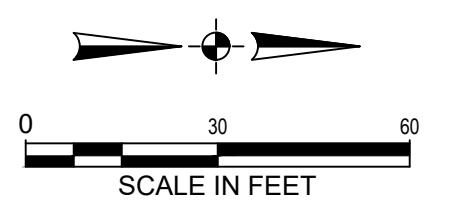
NO.	DATE	DESCRIPTION

NAV/D88  
DATUM  
OTAK CAD KJB  
DRAWN BY CHECKED BY  
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STATUS  
MAY 17, 2022  
DATE  
20015  
PROJECT NUMBER  
**L2.00**  
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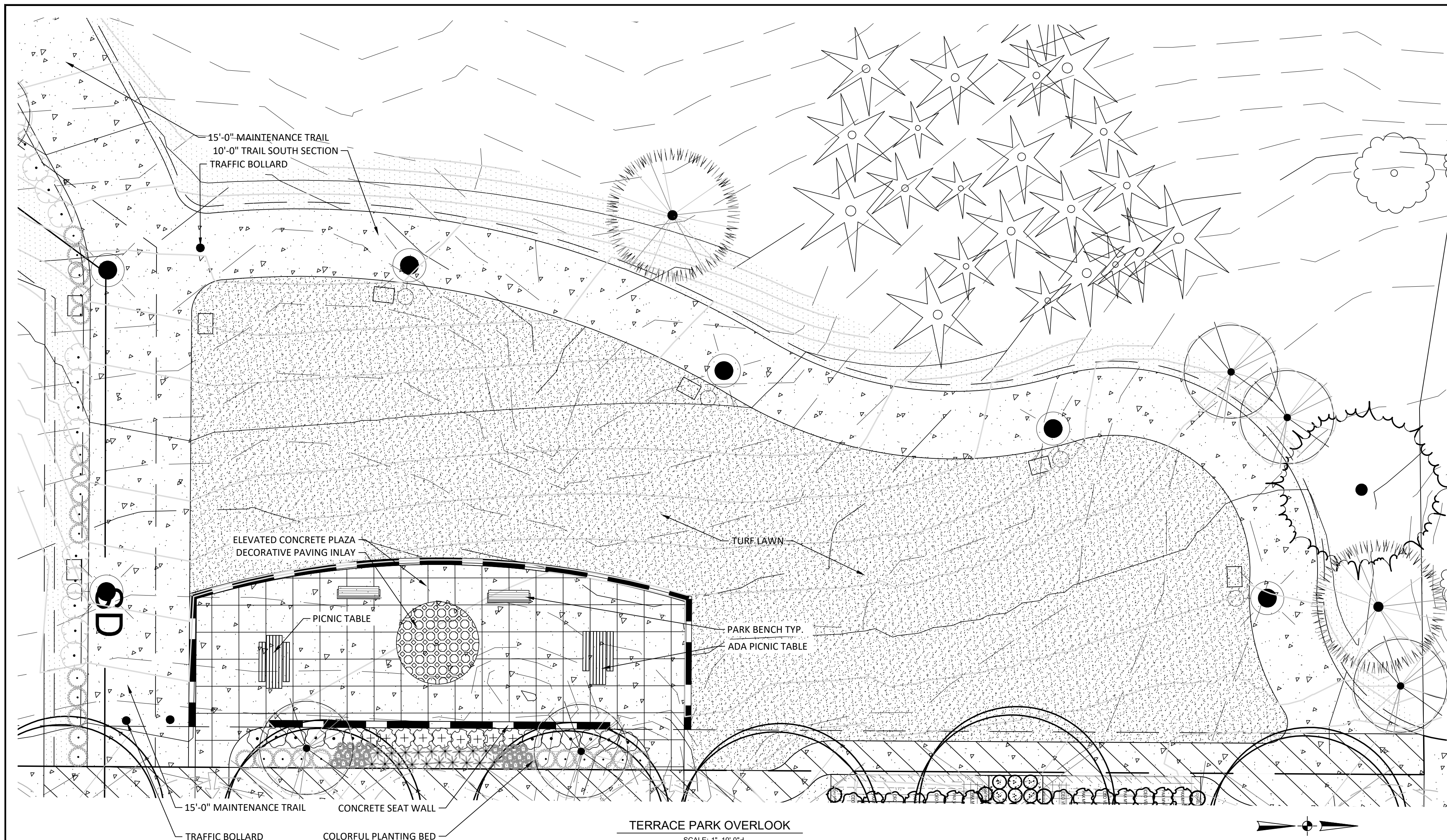


TREES AND LAWN AREA LEGEND: \*CLASSIFIED AS A MODERATE WATER USAGE AREA (+/- ONE (1) INCH PER WEEK).

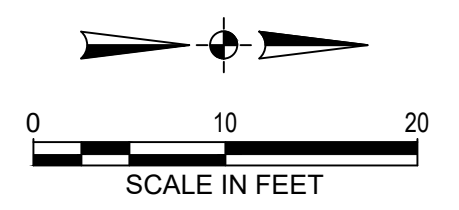
TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	REMARKS
	33	CARPINUS BETULUS 'FASTIGIATA' / PYRAMIDAL EUROPEAN HORNBEAN	B&B	2"	
	22	CLADRASTIS KENTUCKEA / AMERICAN YELLOWWOOD	B&B	2"	NEIGHBORHOOD STREET TREE
	2	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE' TM / SKYLINE THORNLESS HONEY LOCUST	B&B	2"	NEIGHBORHOOD STREET
	2	PINUS PONDEROSA / PONDEROSA PINE	B&B	6'-8" HT.	
	5	PSEUDOTSUGA MENZIESII / DOUGLAS FIR	B&B	6'-8" HT.	
	1	TILIA AMERICANA / AMERICAN LINDEN	B&B	2"	PRIMARY STREET
	4	TILIA CORDATA 'GLENLEVEN' / GLENLEVEN LITTLELEAF LINDEN	B&B	2"	
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT		
	14,765 SF	NATIVE SEED SUNMARK SEEDS / ECO-PRAIRIE TURF	SEED		



Plotted: Aug. 03, 2022 - 10:58am - leith.buismann - L:\Project\20000020015\CADD\DWG\Frog Pond\_Terrace\200151200.dwg - Layout Name: L2.00



**TERRACE PARK OVERLOOK**  
SCALE: 1" = 10'-0"

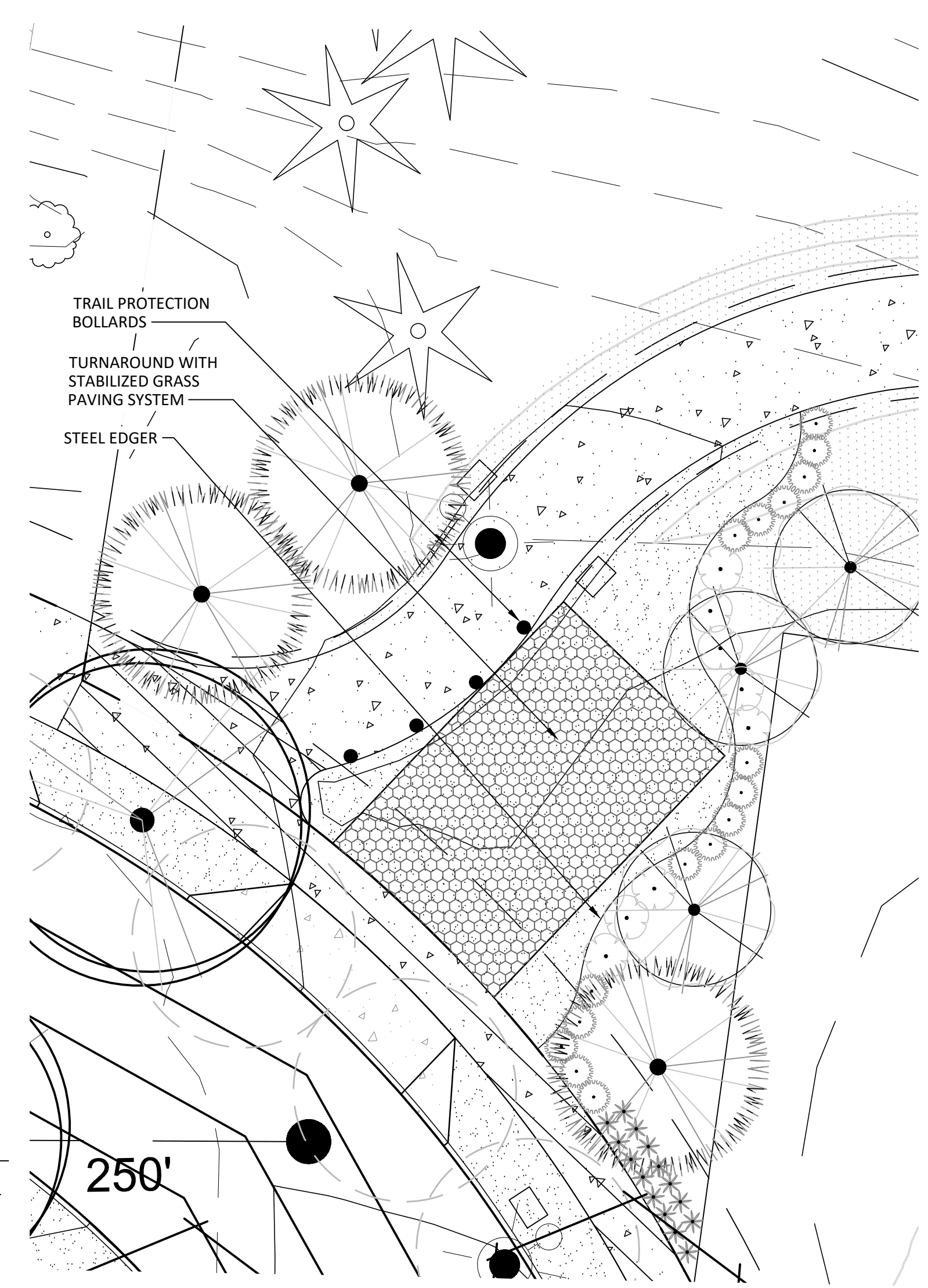


**PLANT SCHEDULE TERRACE PLANTING**

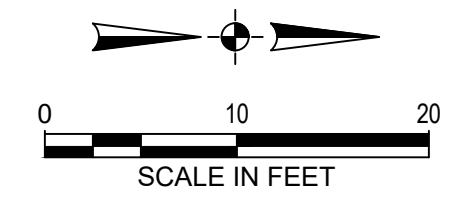
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	24	DESCHAMPسيا CESPITOSA / TUFTED HAIR GRASS	1 GAL.	18" o.c.
	19	HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY	1 GAL.	24" o.c.
	11	LIRIOPE GIGANTEA / GIANT LIRIOPE	3 GAL.	36" o.c.
	12	NANDINA DOMESTICA 'MOYERS RED' / MOYERS RED HEAVENLY BAMBOO	3 GAL.	36" o.c.
	9	ROSA X 'FLOWER CARPET PINK' / ROSE	3 GAL.	36" o.c.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	6,693 SF	TURF SEED DIAMOND GREEN - SUNMARK SEEDS / EXTREME LOW MAINTENANCE TURF	SEED	

**PLANT SCHEDULE TRAILHEAD**

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	15	HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY	1 GAL.	24" o.c.
	16	LIRIOPE GIGANTEA / GIANT LIRIOPE	3 GAL.	36" o.c.
	8	MAHONIA AQUIFOLIUM / OREGON GRAPE	3 GAL.	48" o.c.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT	SPACING
	987 SF	TURF SEED DIAMOND GREEN - SUNMARK SEEDS / EXTREME LOW MAINTENANCE TURF	SEED	



**TRAIL ENTRY AREA**  
SCALE: 1" = 10'-0"



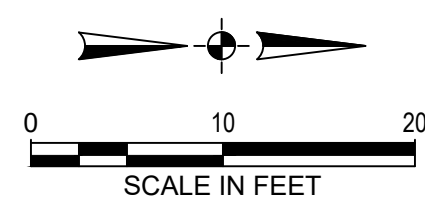
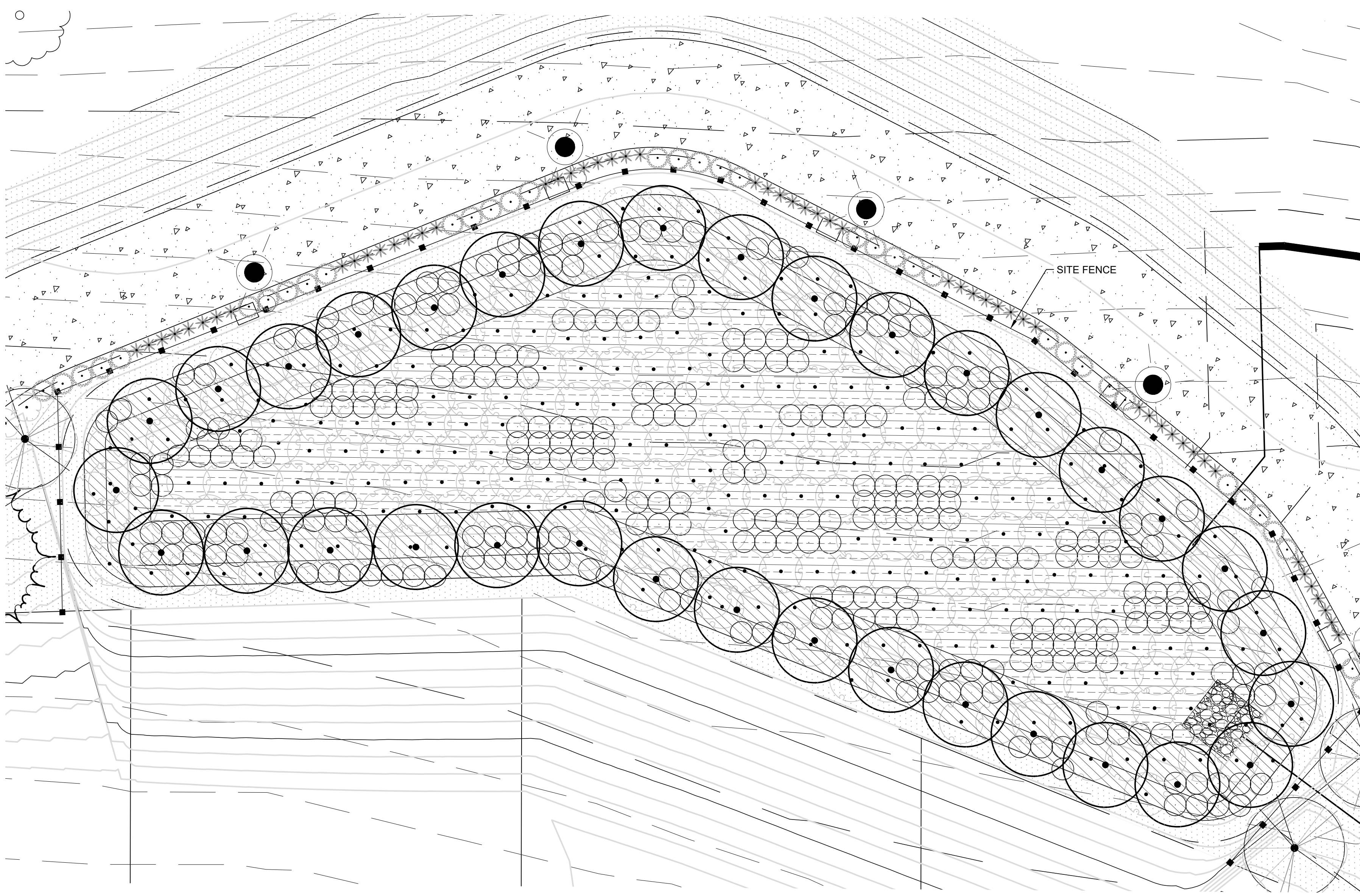
**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

**TRACT LANDSCAPE PLANS**

TITLE	#	DATE	DESCRIPTION

REVISIONS  
NAV/D88  
DATUM  
OTAK CAD KJB  
DRAWN BY CHECKED BY  
LAND USE SUBMITTAL  
STATUS  
MAY 17, 2022  
DATE  
20015  
PROJECT NUMBER  
**L2.10**  
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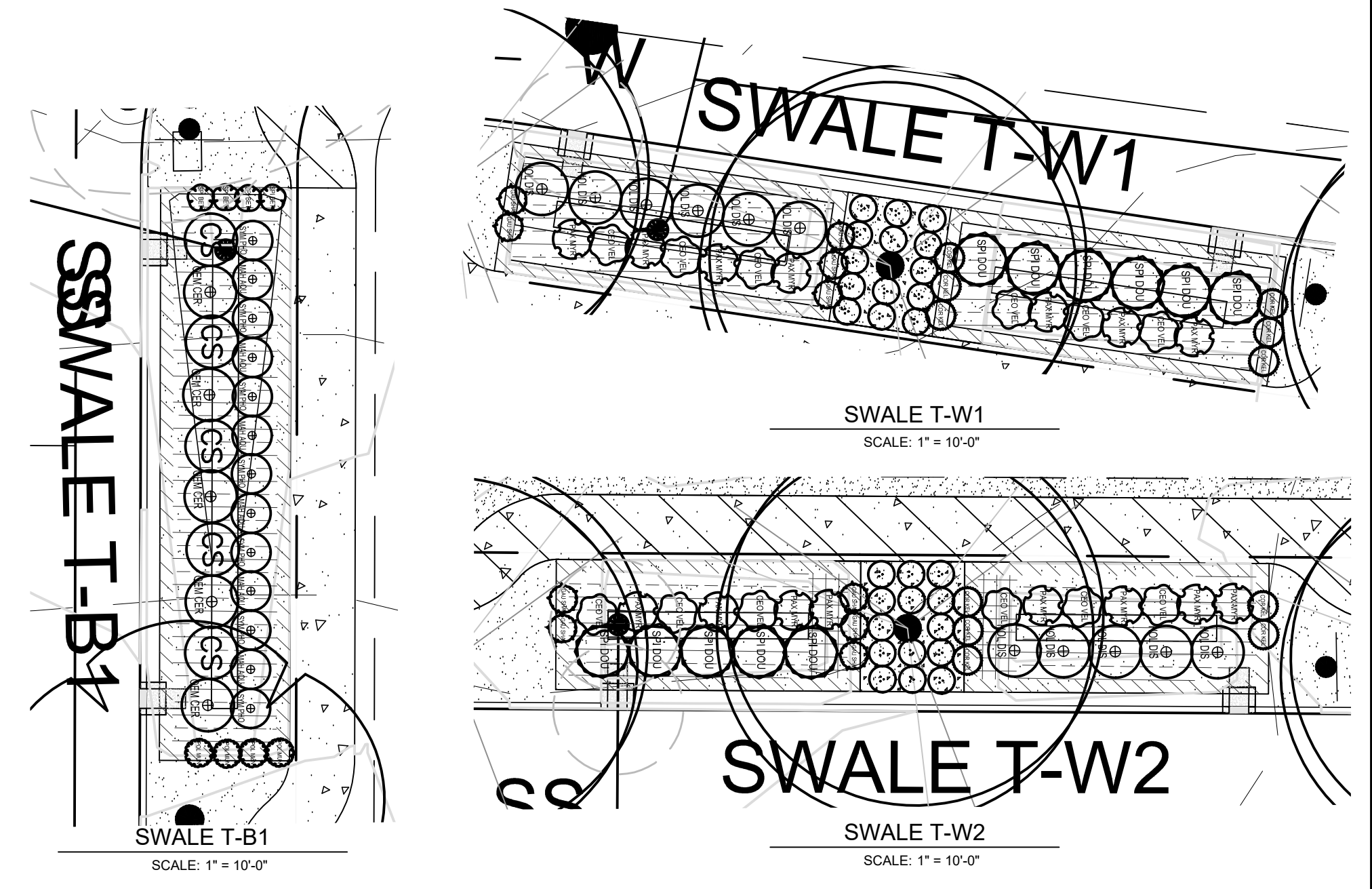
Plotted: May 17, 2022 - 2:45pm. Gabriel BruiSE. L:\Projects\20000\20015\CADD\CAD\Draw\Frog Pond - Terrace\20015\120.dwg. Layout Name: L2.10



RAIN GARDEN  
SCALE: 1" = 10'-0"

TRACT A RAIN GARDEN PLANT QUANTITIES																		
ZONE A																		
TREATMENT AREA	HERBACEOUS Plugs					SHRUBS 3 Gal.												
	REQUIRED HERBACEOUS 1.15 per 100sf	Carex testacea	Juncus patens	Juncus ensifolius	Scirpus microcarpus	PROVIDED HERBACEOUS	REQ'D SMALL SHRUBS (4/100 SF)	Symphoricarpos albus	Spiraea betulifolia	Elymus glaucus	Mahonia aquifolium	TOTAL SMALL SHRUBS PROVIDED	REQ'D LARGE SHRUBS (3/100 SF)	Holodiscus discolor	Ribes sanguineum	Rosa nutkana	Spiraea douglasii	TOTAL LARGE SHRUBS PROVIDED
4119	4737	1184	1184	1184	1481	5033	165	41	41	41	41	165	124	31	39	38	38	146
ZONE B																		
AREA	HERBACEOUS Plugs			GROUNDCOVER Plugs			SHRUBS 3 Gal.											
	REQUIRED HERBACEOUS 1.15 per 100sf X 0.5	Carex testacea	Juncus patens	Juncus ensifolius	Scirpus microcarpus	TOTAL PROVIDED HERBACEOUS	REQUIRED GROUNDCOVER 1.15 per 100sf X 0.5	Carex testacea	Juncus patens	Juncus ensifolius	Scirpus microcarpus	TOTAL PROVIDED HERBACEOUS	REQ'D TREES (1/100 SF)	Symphoricarpos albus	Spiraea betulifolia	Elymus glaucus	Mahonia aquifolium	TOTAL TREES PROVIDED
3396	1953	488	488	488	489	1953	1953	488	488	488	489	1953	34	9	9	8	8	34
SHRUBS 2" Cal.																		
REQ'D SMALL SHRUBS (4/100 SF)	Symphoricarpos albus	Spiraea betulifolia	Elymus glaucus	Mahonia aquifolium	TOTAL SMALL SHRUBS PROVIDED	REQ'D LARGE SHRUBS (3/100 SF)	Holodiscus discolor	Ribes sanguineum	Rosa nutkana	Spiraea douglasii	TOTAL LARGE SHRUBS PROVIDED							
0	488	488	488	34	1498	0	488	26	25	25	564							

\*CLASSIFIED AS LOW WATER USAGE AREA (LESS THAN ONE (1) INCH PER WEEK).



FROG POND TERRACE VEGETATED SWALE PLANT QUANTITIES															
ZONE A															
SWALE ID	STREET	TREATMENT AREA	HERBACEOUS = TREATMENT AREA/2				GROUNDCOVER = TREATMENT AREA/2			SHRUBS		SHRUBS (8/100 SF)	GROUND COVER (1.15/100 SF)		
			REQUIRED HERBACEOUS 1.15 per 100sf	Carex testacea	Juncus patens	Juncus ensifolius	Scirpus microcarpus	PROVIDED HERBACEOUS	REQ'D GROUNDCOVER 1.15 per 100sf	Fragaria chiloensis	REQ'D SMALL SHRUBS (4/100 SF)			REQ'D LARGE SHRUBS (3/100 SF)	
T-W1	WOODBURY	384	221	0	0	111	110	221	221	221	15	12	136	11	156
T-W2	WOODBURY	342	197	0	0	98	99	197	197	197	14	10	126	10	145
T-B1	STREET B	336	193	97	96	0	0	193	193	193	13	10	104	8	120
<b>TOTALS:</b>			<b>611</b>	<b>97</b>	<b>96</b>	<b>209</b>	<b>209</b>	<b>611</b>	<b>611</b>	<b>611</b>	<b>42</b>	<b>32</b>	<b>366</b>	<b>29</b>	<b>421</b>

\*CLASSIFIED AS LOW WATER USAGE AREA (LESS THAN ONE (1) INCH PER WEEK).

NORTH/SOUTH SWALE SHRUB LEGEND

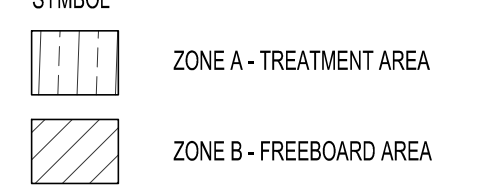
SYMBOL	QTY	COMMON NAME / Botanical name	Size	Spacing
(Zone B)	10	SALAL / Gaultheria shallon	1 GAL.	1' o.c.
(Zone A)	11	KELSEY DOGWOOD / Cornus sericea 'Kelsey'	1 GAL.	1' o.c.
(Zone A)	15	OREGON BOXLEAF / Paxistima myrsinites	1 GAL.	1' o.c.
(Zone A)	13	SNOWBRUSH / Ceanothus velutinus	1 GAL.	1' o.c.
(Zone A)	11	DOUGLAS SPIRAEA / Spiraea douglasii	30" HT.	3' o.c.
(Zone A)	11	WESTERN SERVICEBERRY / Holodiscus discolor	30" HT.	3' O.C.

EAST/WEST SWALE SHRUB LEGEND

SYMBOL	QTY	COMMON NAME / Botanical name	Size	Spacing
(Zone B)	4	BIRCHLEAF SPIRAEA / Spiraea betulifolia	1 GAL.	1' o.c.
(Zone A)	4	WORD FERN / Polystichum minutum	1 GAL.	1' o.c.
(Zone A)	6	OREGON GRAPE HOLLY / Mahonia aquifolium	1 GAL.	1' o.c.
(Zone A)	7	SNOWBERRY / Symphoricarpos alba	1 GAL.	1' o.c.
(Zone A)	5	INDIAN PLUM / Omleria cerasiformis	30" HT.	3' o.c.
(Zone A)	5	RED-TWIG BOXWOOD / Cornus sericea	30" HT.	3' o.c.

\*CLASSIFIED AS LOW WATER USAGE AREA (LESS THAN ONE (1) INCH PER WEEK).

SWALE AREA KEY



- NOTES:
- HERBACEOUS/GROUNDCOVERS NOT SHOWN. PLANT IN QUANTITIES INDICATED ON SPREADSHEET THIS SHEET.
  - HERBACEOUS PLANTS INSTALLED AT SP#4 SIZE.
  - GROUNDCOVER INSTALLED AT #1 CONT. SIZE

STREET TREE MOUND SHRUBS

QTY	COMMON NAME / Botanical name	Size
28	GOLD NUGGET BARBERRY / Berberis thunbergii 'Gold Nugget'	#1 CONT. AS SHOWN



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FROG POND TERRACE  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

RAINGARDEN AND LIDA PLANTING PLANS

TITLE	#	DATE	DESCRIPTION
REVISIONS			
NAV/D88 DATUM			
OTAK CAD			KJB
DRAWN BY			CHECKED BY
LAND USE SUBMITTAL STATUS			
DATE			
PROJECT NUMBER			

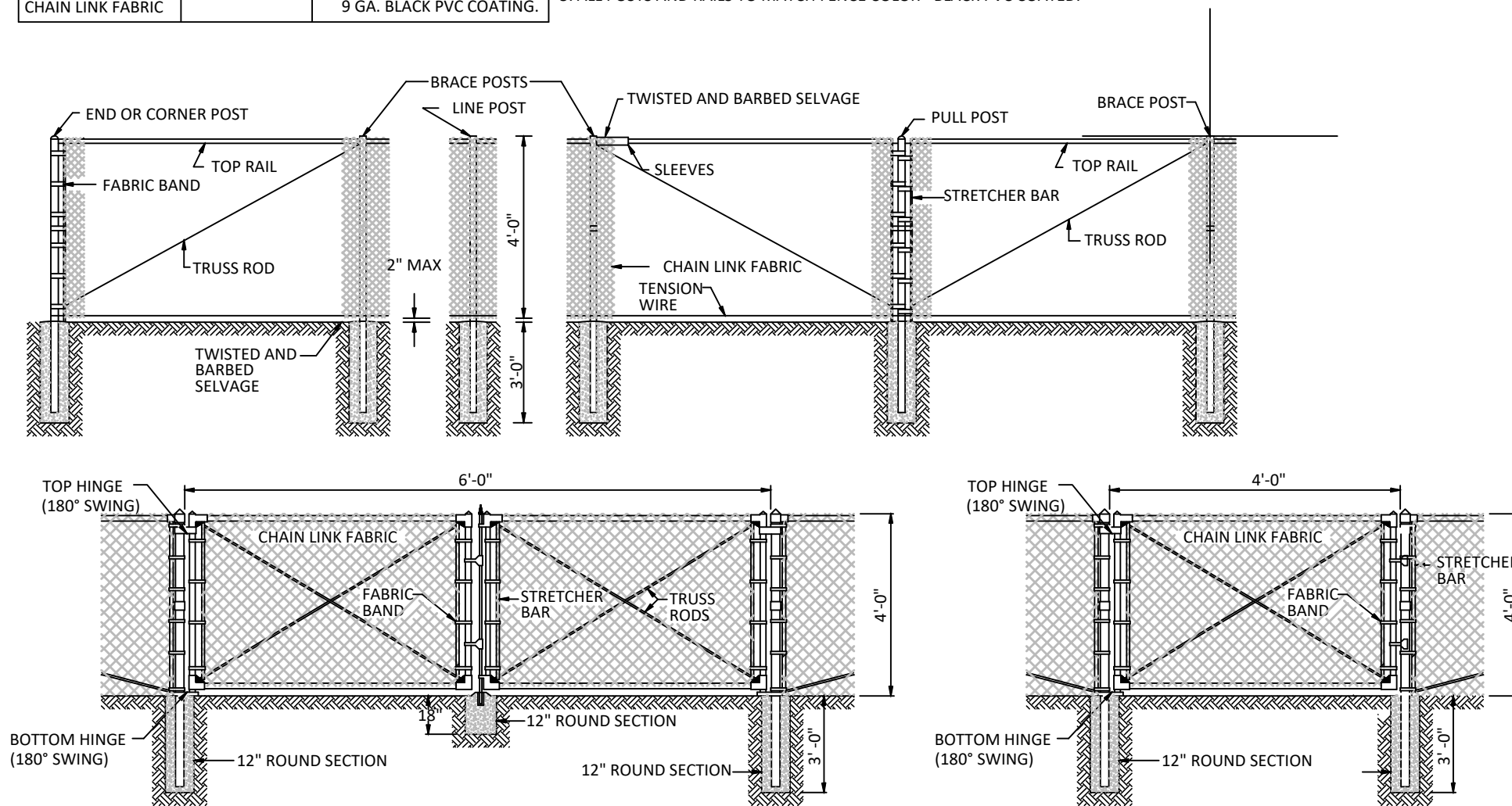
L2.20

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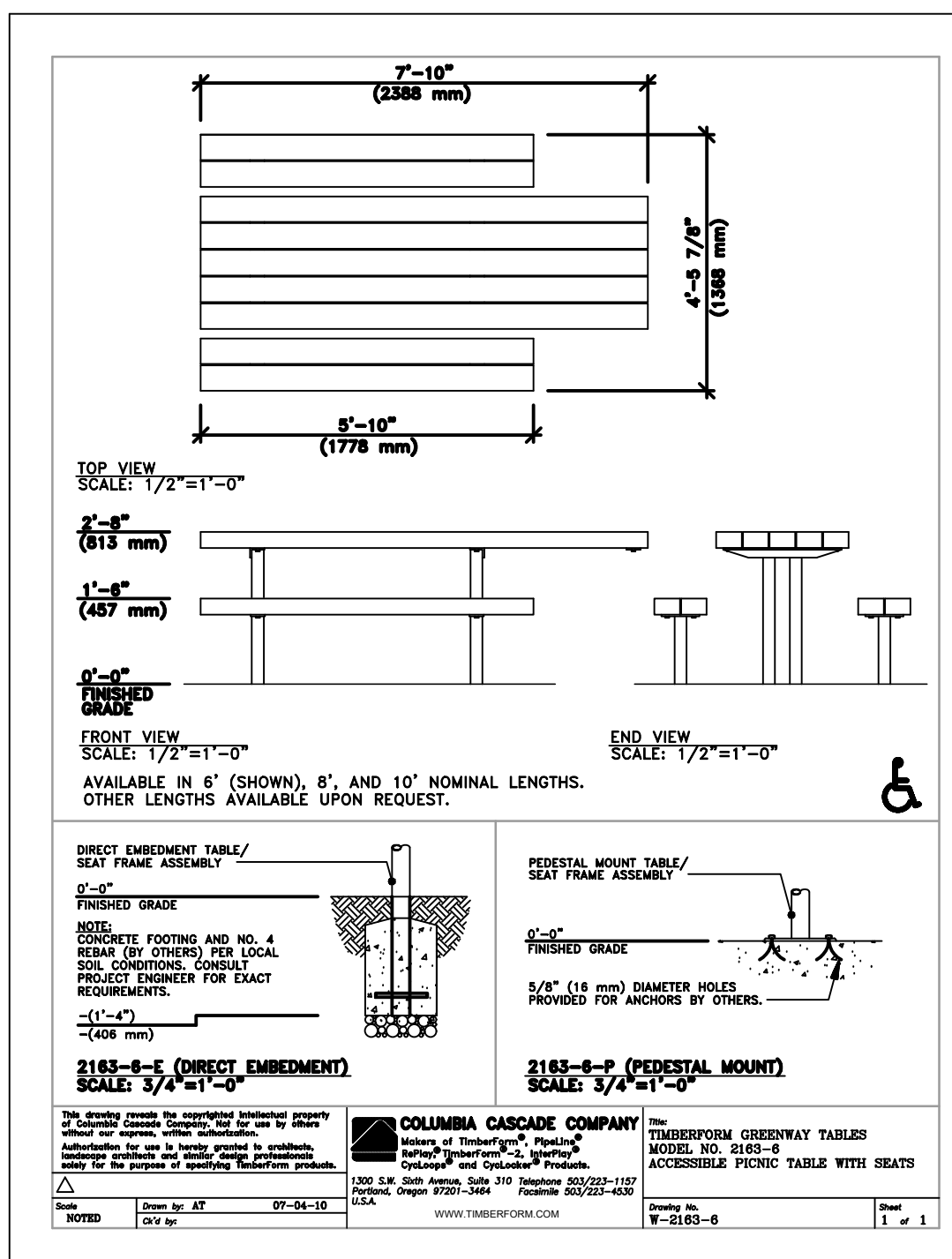
Plotted: May 17, 2022, 2:46pm, natalie.kruse L:\Projects\2000\2001\5\CADD\CADD\Drawn\Frog Pond - Terrace\1200151120.dwg - Terrace\1200151120.dwg - Layout\Name: L2.20

MEMBER	NOMINAL DIA (IN)	MATERIAL
BRACE RAIL	1.660	GALV TUBULAR STL
GATE FRAME	2.00	GALV TUBULAR STL
LINE POSTS	2.375	GALV TUBULAR STL
END & CORNER POST	2.875	GALV TUBULAR STL
CHAIN LINK FABRIC		9 GA. BLACK PVC COATING.

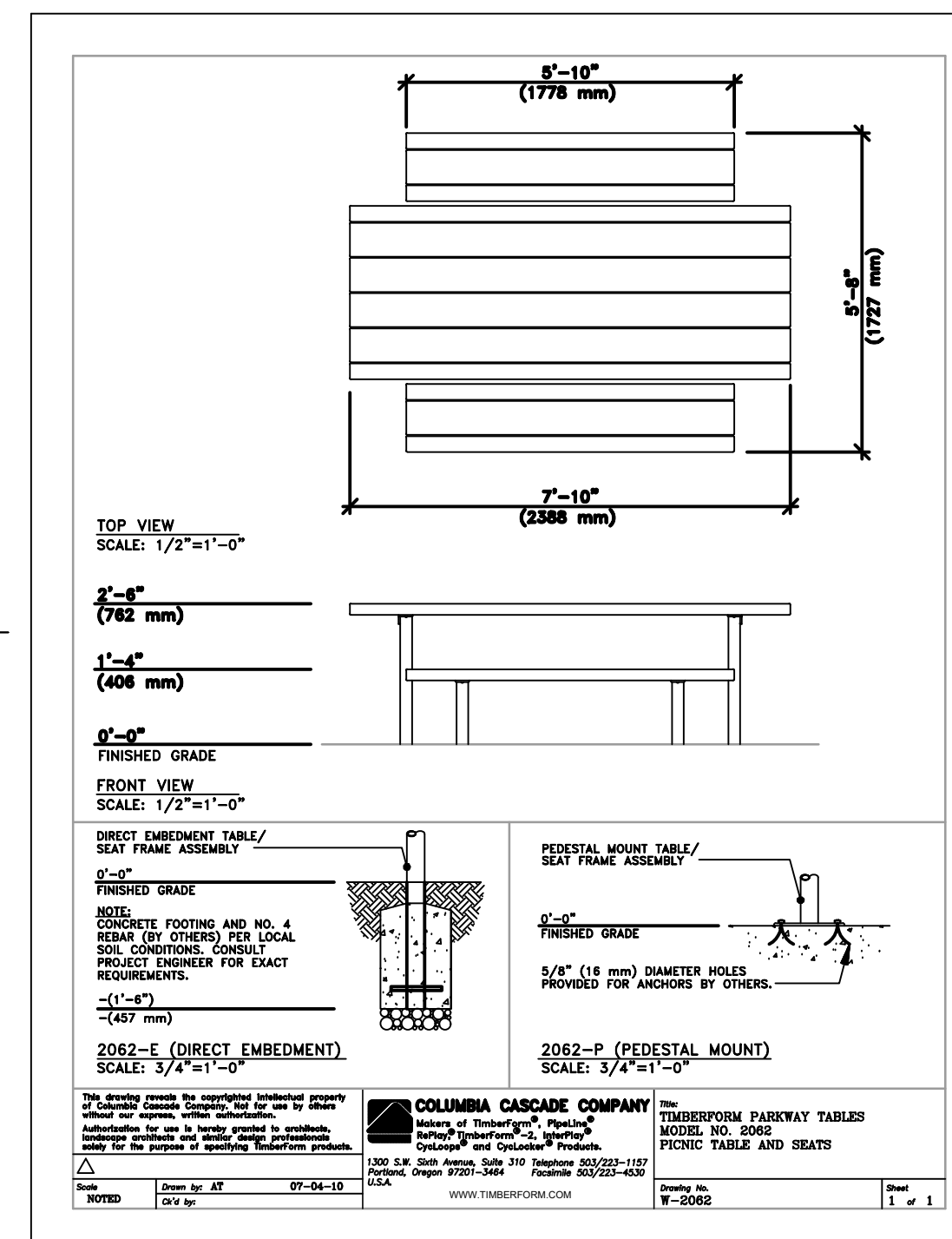
- NOTES:
1. ALL FITTINGS, FASTENERS, & AND FABRIC TIES SHALL BE HOT DIP GALV.
  2. CONC SHALL BE MIN 2500 PSI @ 28 DAYS.
  3. PROVIDE BRACE RAIL BETWEEN END POSTS AND LINE POSTS. LENGTHS AS REQ'D.
  4. PROVIDE EXTENSION ARMS ON LINE, END AND CORNER POSTS AS REQ'D.
  5. ALL POSTS AND RAILS TO MATCH FENCE COLOR - BLACK PVC COATED.



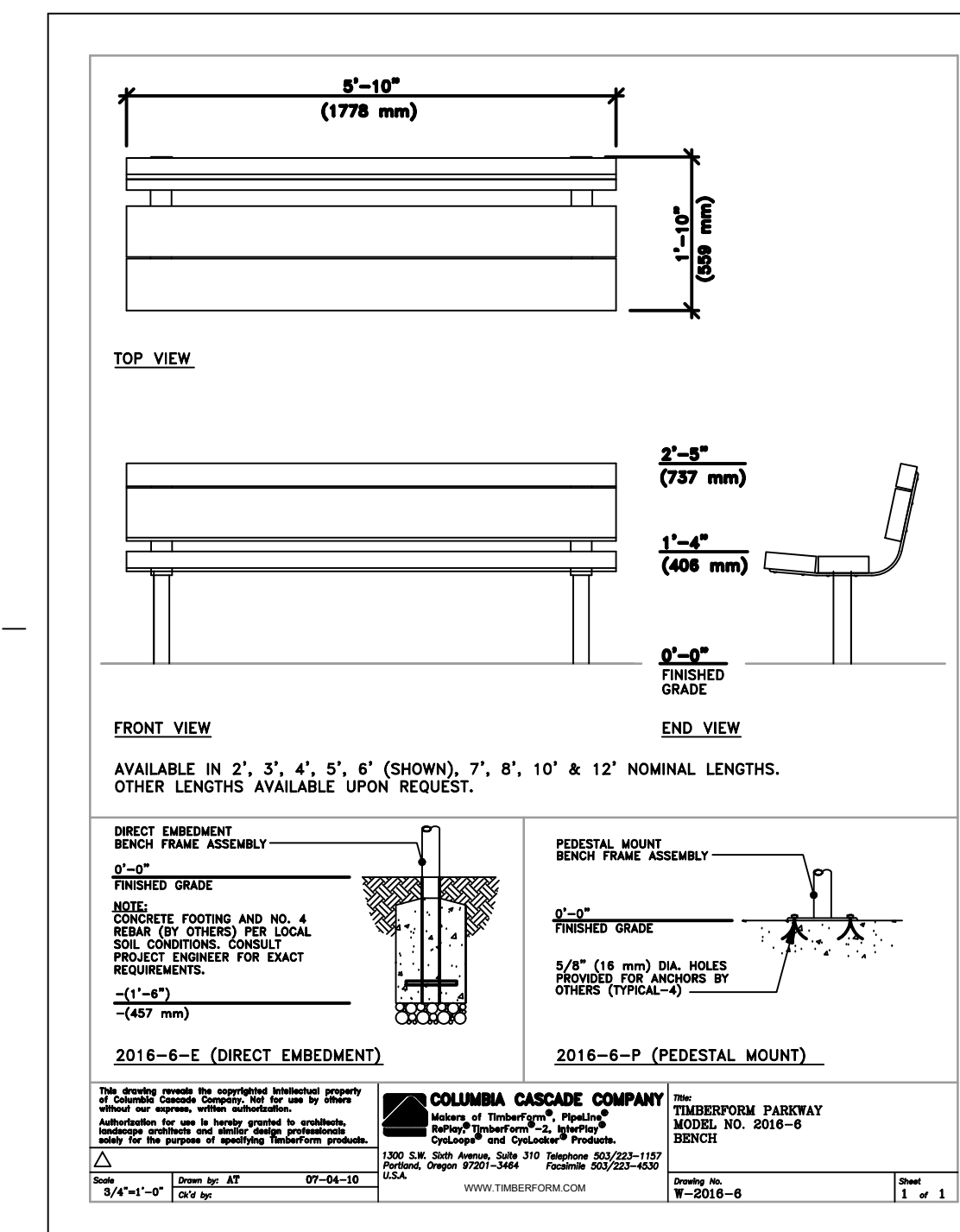
**STORMWATER TREATMENT AREA CHAIN LINK FENCE**  
SCALE: NOT TO SCALE



**ADA PICNIC TABLE**  
SCALE: NTS



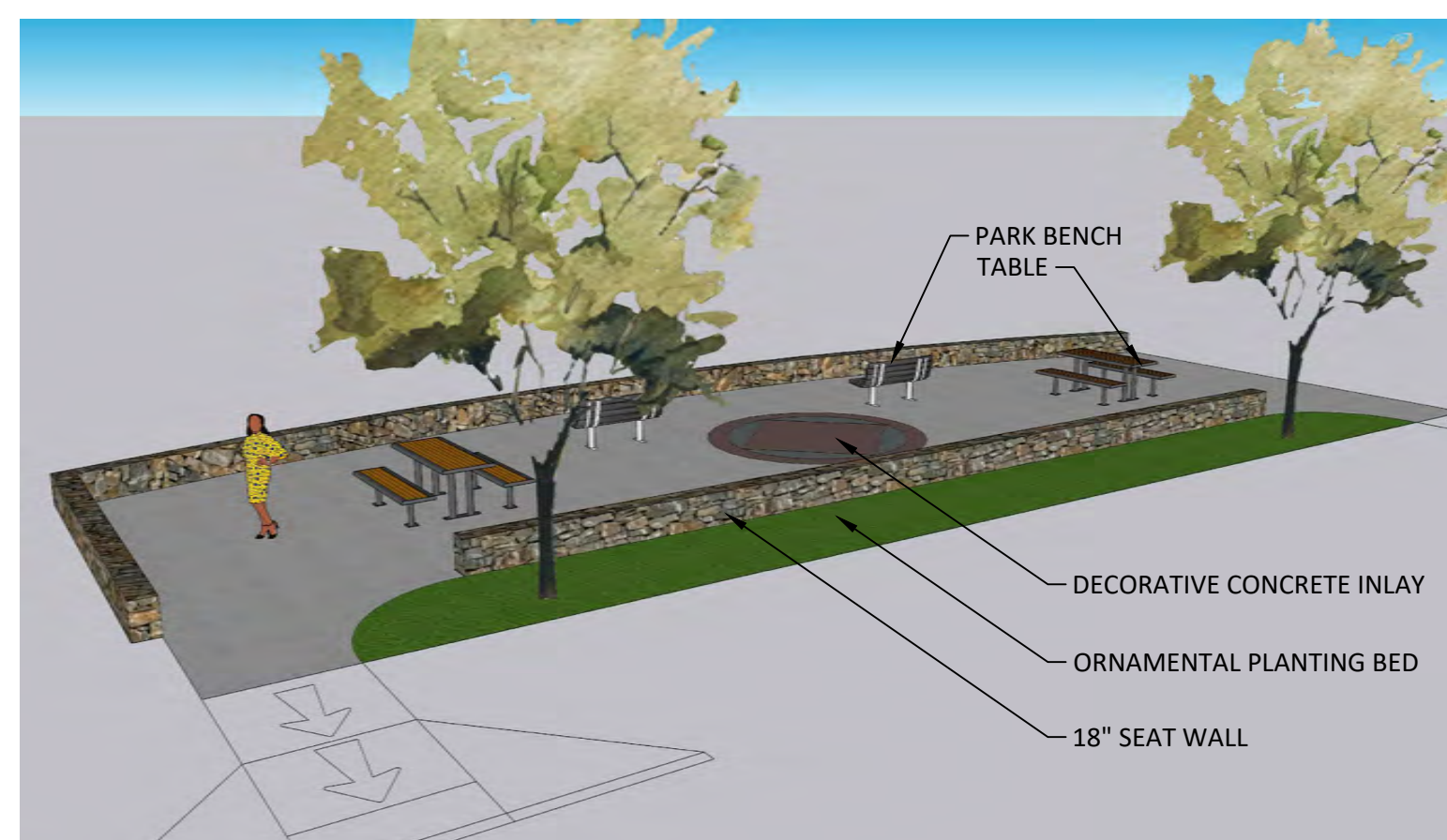
**PICNIC TABLE**  
SCALE: NTS



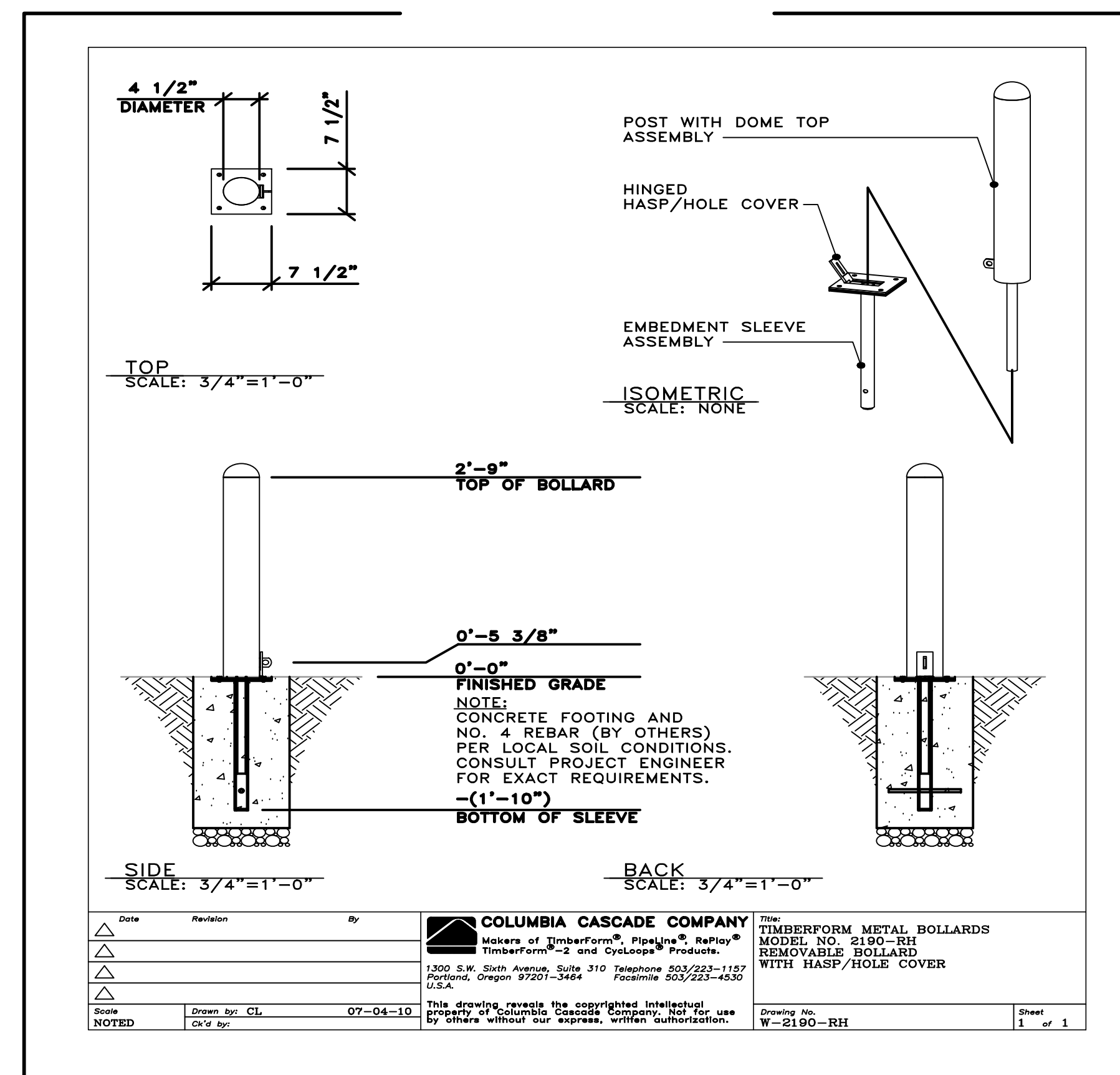
**PARK BENCH**  
SCALE: NTS



**EXAMPLE OF STAMPED CONCRETE**  
SCALE: NTS



**TERRACE VIEW**  
SCALE: NTS



**REMOVABLE BOLLARD**  
SCALE: NTS

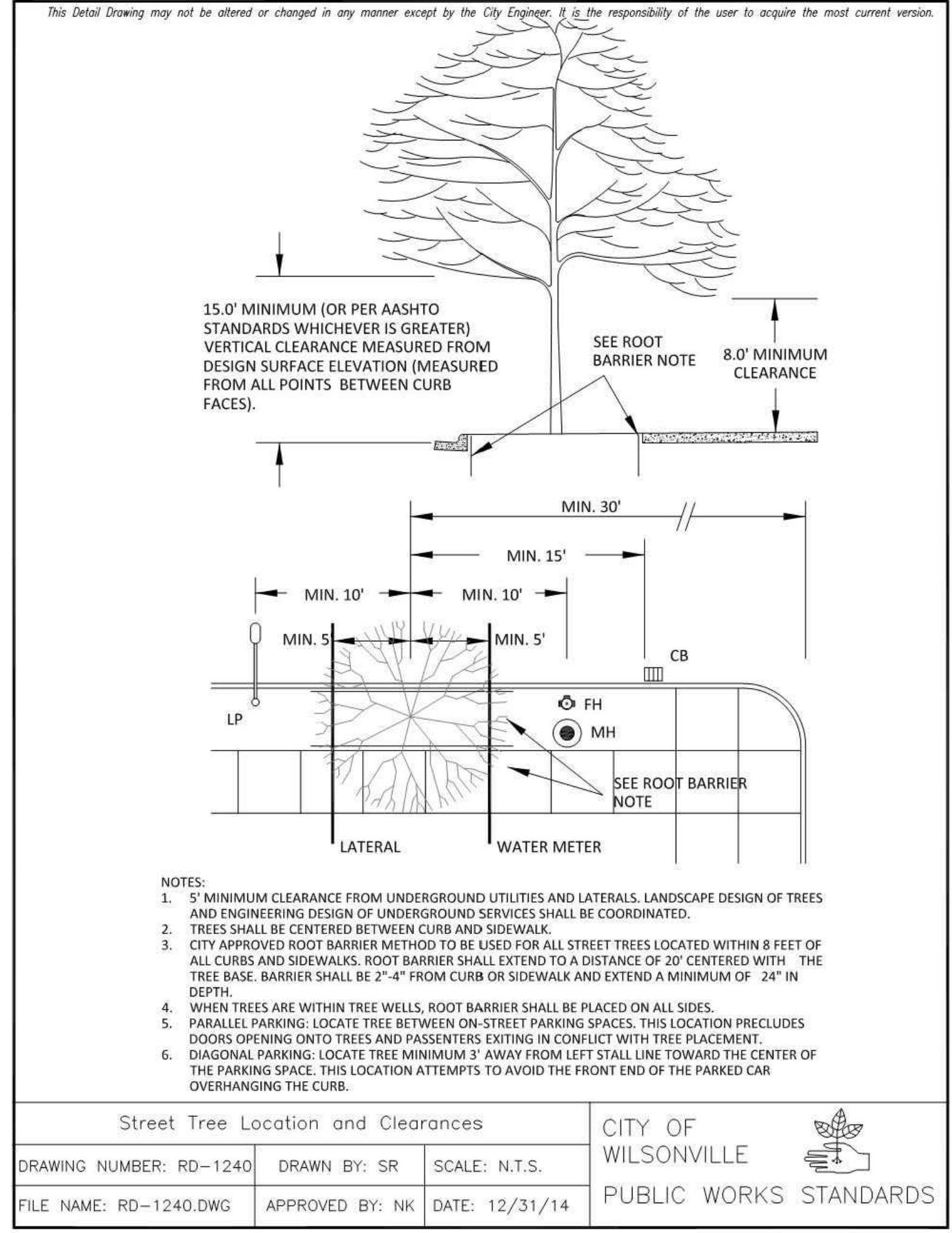
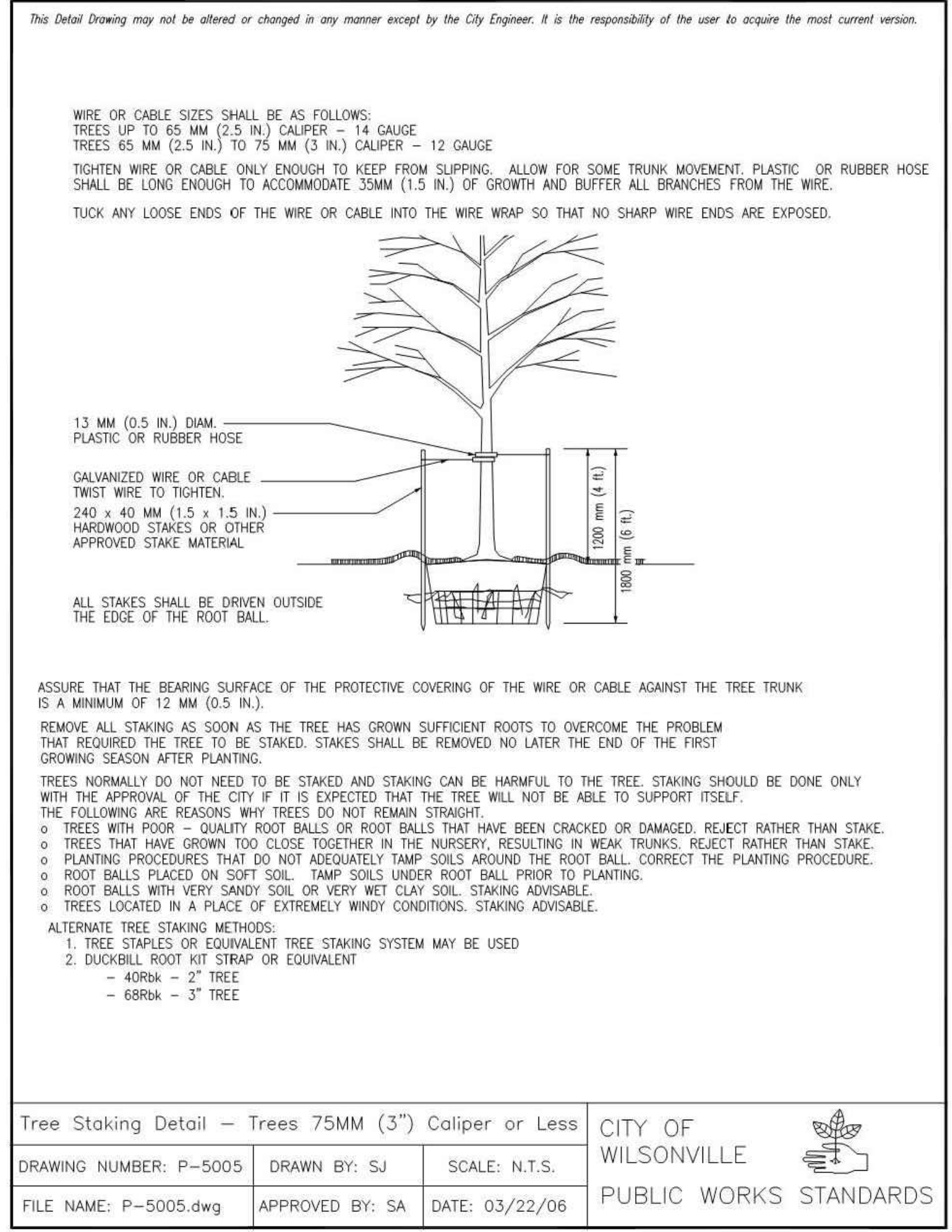
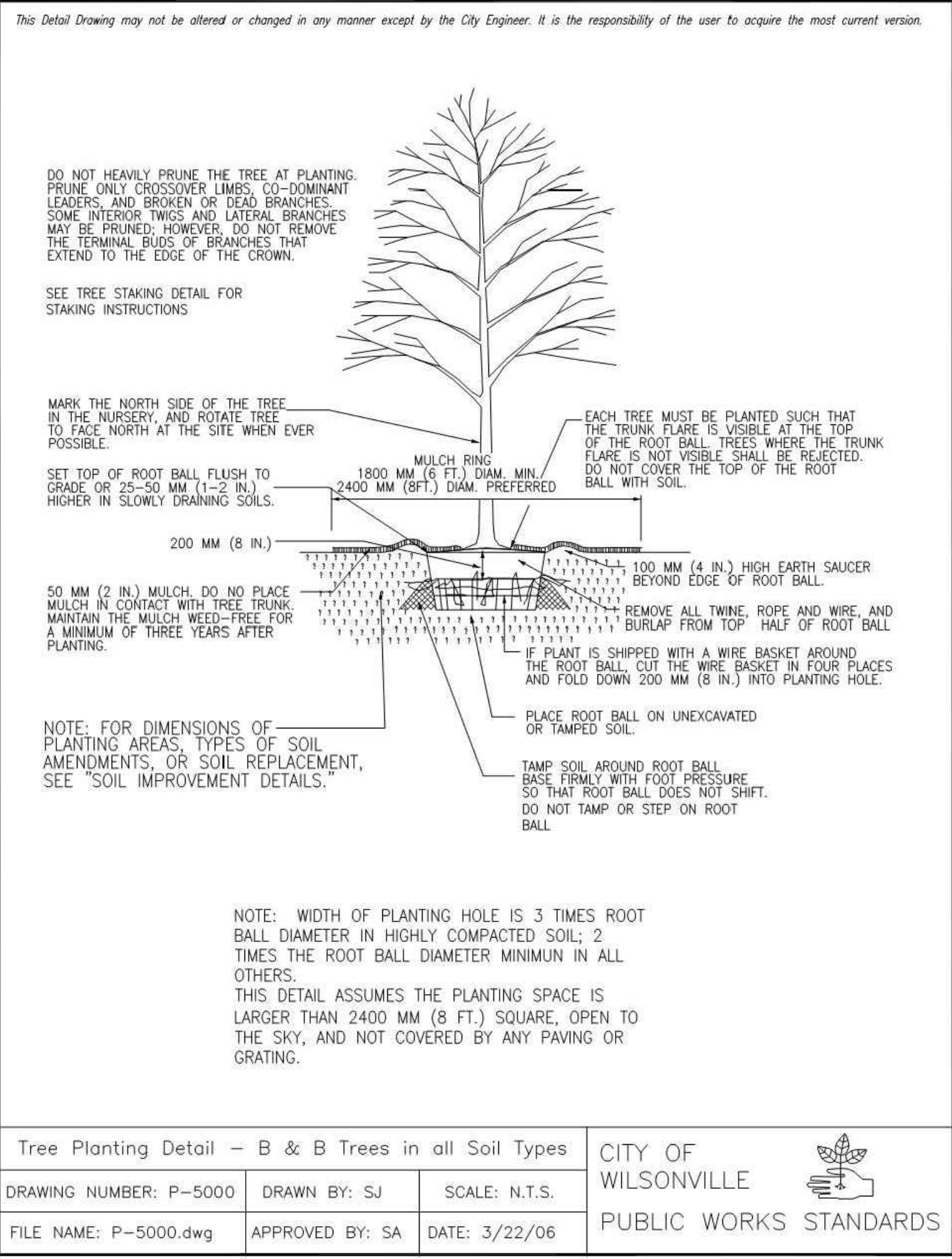
**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

LANDSCAPE DETAILS

TITLE	#	DATE	DESCRIPTION

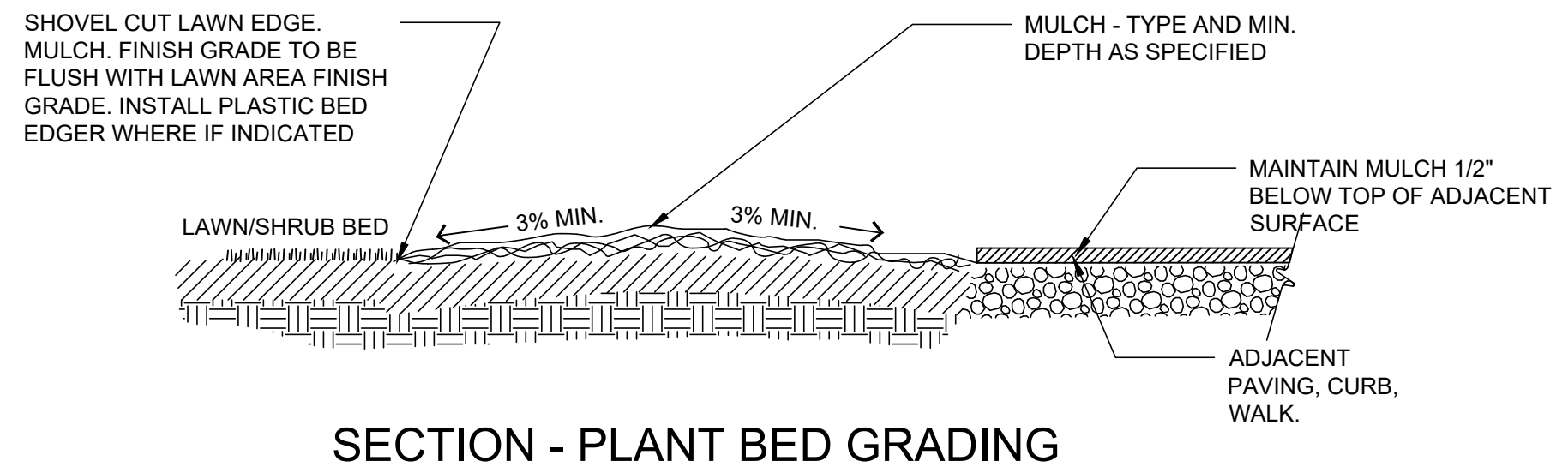
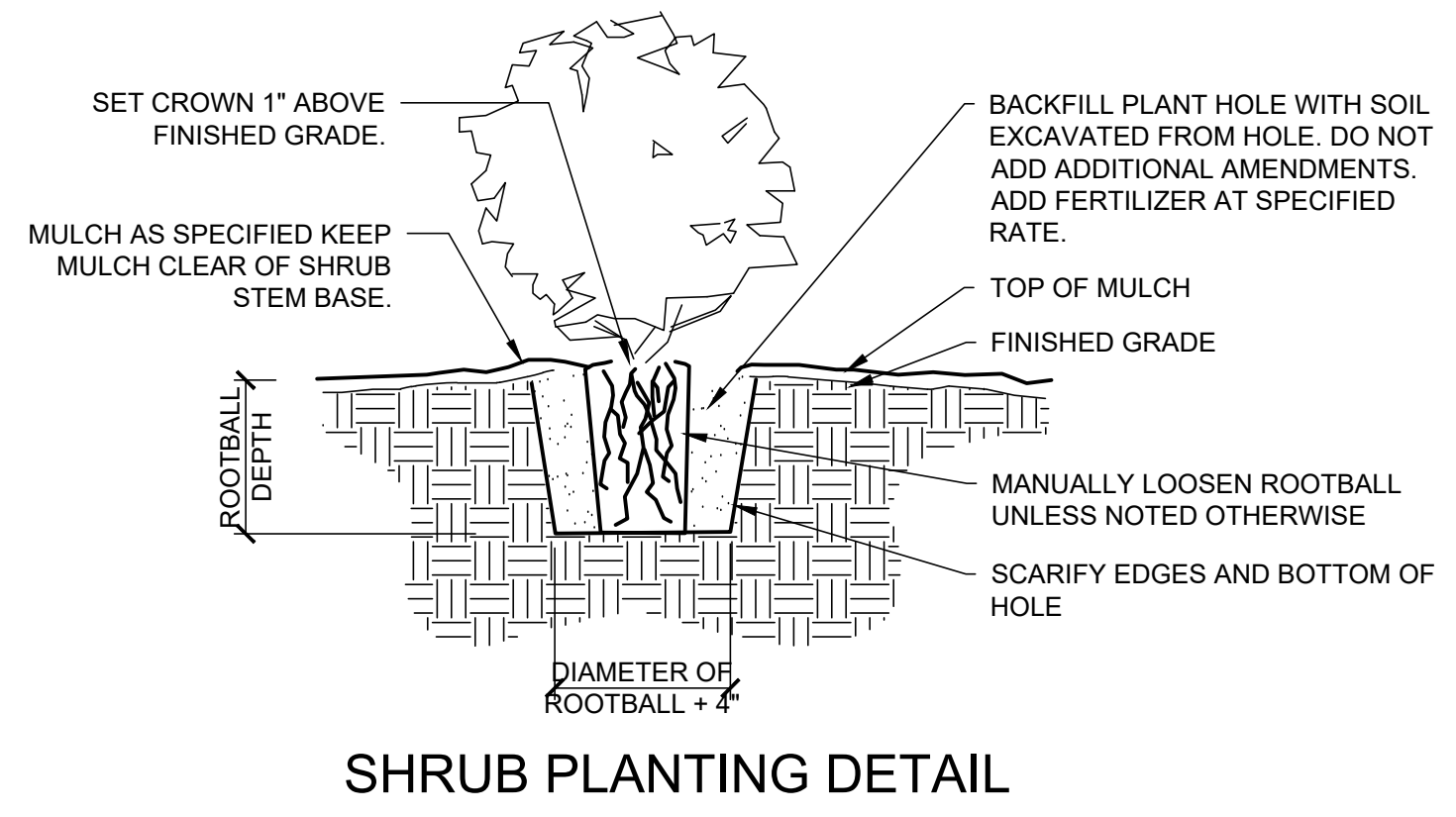
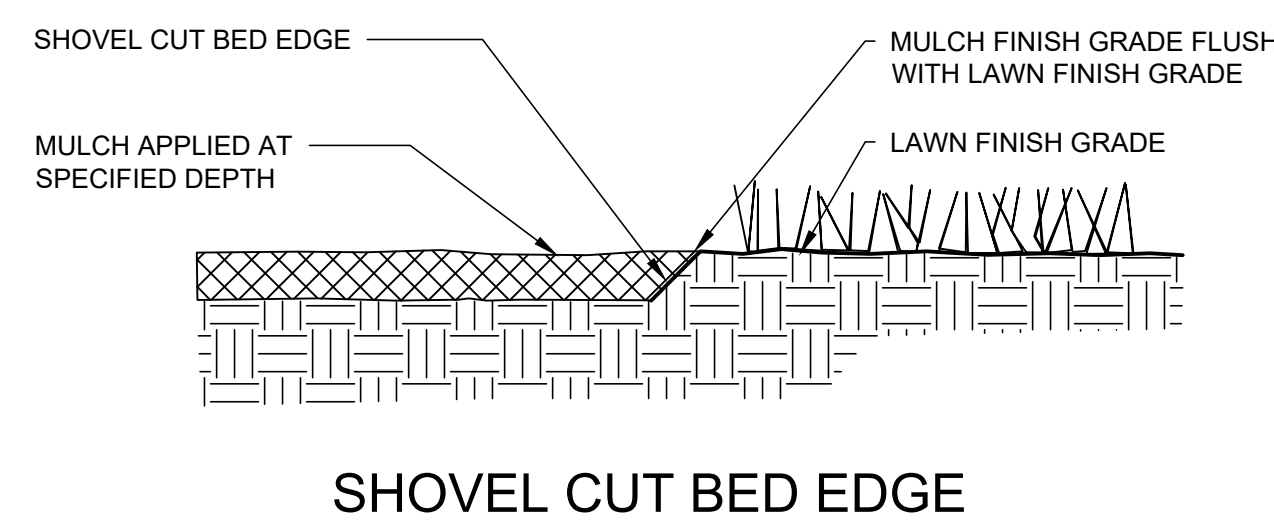
  

REVISIONS	
NAV/D88 DATUM	
OTAK CAD	KJB
DRAWN BY	CHECKED BY
LAND USE SUBMITTAL STATUS	
DATE	MAY 17, 2022
DATE	20015
PROJECT NUMBER	L2.30



CONTRACTOR IS CAUTIONED THAT EXISTING UNDERGROUND FACILITIES OCCUR THROUGHOUT THE WORK AREAS INCLUDING BUT NOT LIMITED TO POWER, GAS, TELEPHONE, WATER SUPPLY, AND IRRIGATION. CONTRACTOR SHALL MARK THE FACILITIES BEFORE WORK, POTHOLE WHERE NECESSARY, AND PROTECT DURING CONSTRUCTION. IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE IF ANY CONFLICTS ARE FOUND.

- GENERAL: SEVERAL OF THE FOLLOWING NOTES SUMMARIZE THE PROJECT SPECIFICATIONS FOR THE CONTRACTORS CONVENIENCE. IF A DISCREPANCY EXISTS BETWEEN THESE NOTES AND THE PROJECT SPECIFICATIONS THE SPECIFICATIONS SHALL OVERRIDE.
- THE LANDSCAPE CONTRACTOR IS TO THOROUGHLY REVIEW THE SITE. IF THERE ARE ANY DISCREPANCIES BETWEEN THE PLAN AND THE EXISTING CONDITIONS THE OWNERS REPRESENTATIVE IS TO BE NOTIFIED IMMEDIATELY.
- IF THE LANDSCAPE CONTRACTOR STARTS WORK BEFORE SITE CONDITIONS ARE READY OR CONTINUES WORK IN ADVERSE CONDITIONS WITHOUT PRIOR APPROVAL THEY WILL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS RELATING TO THE CONDITION.
- IMMEDIATELY NOTIFY OWNERS REPRESENTATIVE CONCERNING ANY CONDITION AT ANY TIME DURING CONSTRUCTION THAT IS DETRIMENTAL TO THE HEALTH AND VIGOROUS GROWTH OF THE SPECIFIED PLANT MATERIAL.
- PROVIDE QUANTITY OF PLANT MATERIAL INDICATED IN PLANT LIST OR THE QUANTITY REQUIRED TO COVER AREAS INDICATED AT SPECIFIED SPACING, WHICHEVER IS GREATER.
- IF AN AREA DIFFERS SIGNIFICANTLY IN SIZE FROM THAT SCALED ON DRAWING AND REQUIRES MORE OR LESS MATERIAL THE OWNERS REPRESENTATIVE IS TO BE INFORMED.
- TOPSOIL: APPLY 9-INCH IMPORT TOPSOIL TO NEW PLANTED EXCEPT:
  - AT STORM POND AND LIDA FACILITIES INSTALL STORMWATER FACILITY GROWING MEDIUM PER CITY OF WILSONVILLE 2015 STORMWATER & SURFACE WATER DESIGN & CONSTRUCTION STANDARDS SECTION 3.A.4.00
  - DO NOT APPLY TOPSOIL TO RIPARIAN MITIGATION AREA IN SROZ.
- SOIL ANALYSIS: CONTRACTOR SHALL OBTAIN A COPY OF OWNER-PROVIDED SOIL TEST. AMEND AND FERTILIZE IN CONFORMANCE WITH RECOMMENDATIONS INDICATED IN THE REPORT.
- COMPOST: APPLY 3-INCH DEPTH COMPOST TO TOPSOIL. DO NOT APPLY AT STORM OR LIDA FACILITIES. THOROUGHLY BLEND WITH TOPSOIL TO A DEPTH OF 6 INCHES.
  - DO NOT APPLY COMPOST TO RIPARIAN MITIGATION AREA IN SROZ.
- FERTILIZER: APPLY FERTILIZER TO ALL PLANT HOLES AND TURF AREAS OF THE TYPE, QUANTITY, APPLICATION METHOD, AND TIMING NOTED IN THE SPECIFICATIONS. DO NOT APPLY FERTILIZER AT STORM FACILITIES.
- BARK MULCH: SPREAD 3-INCH DEPTH FINE-MEDIUM GRADE FIR/HEMLOCK BARK OVER SHRUB BEDS. DO NOT APPLY MULCH AT STORM POND, LIDA FACILITIES, OR IN RIPARIAN MITIGATION AREA IN SROZ. KEEP BARK CLEAR OF TREE AND SHRUB STEM BASE.
- PLANTING POCKETS: BACK FILL PLANT HOLE WITH SOIL EXCAVATED FROM HOLE. DO NOT ADD ADDITIONAL AMENDMENTS.
- ROOT BARRIER: INSTALL PER CITY OF WILSONVILLE DETAIL RD-1240. SEE SHEET L3.0.
- PLANT MATERIAL: ALL PLANT MATERIAL SHALL MEET MINIMUM QUALITY AND SIZE REQUIREMENTS ESTABLISHED IN THE AMERICAN STANDARD FOR NURSERY STOCK GUIDELINES.
- LEAVE PLANT NAME IDENTIFICATION TAGS ON TEN PERCENT OF ALL TREES AND SHRUBS INSTALLED TO AID INSPECTORS IN VERIFYING THAT SPECIFIED PLANTS HAVE BEEN INSTALLED.
- PLANT CENTER OF SHRUBS A MINIMUM OF 24 INCHES FROM ADJACENT PAVING. PLANT GROUNDCOVERS A MINIMUM OF 18 INCHES FROM ADJACENT PAVING. WHERE PLANTER IS LESS THAN 6 FEET WIDE, SET PLANTS HALF OF THE NOTED PLANT SPACING FROM ADJACENT PAVING.
- WHERE PLANT BED SLOPE IS LESS THAN 3% MOUND PLANTING BED AREAS 3% MINIMUM FOR POSITIVE DRAINAGE.
- SEE SPECIFICATIONS FOR FINAL INSPECTION, MAINTENANCE, AND WARRANTY REQUIREMENTS UNIQUE TO THIS PROJECT.
- SEE SPECIFICATIONS FOR OTHER LANDSCAPE CONSTRUCTION REQUIREMENTS.



SECTION - PLANT BED GRADING

**Otak**

Otak, Inc.  
808 SW Third Avenue, Ste. 800  
Portland, OR 97204  
503.287.6825  
www.otak.com

REGISTERED  
72  
LANDSCAPE ARCHITECT  
GABRIEL M. BRUSE  
09/23/2015  
OREGON  
EXPIRES: 9/30/2022

STAMP

**WEST HILLS**  
LAND DEVELOPMENT  
CONSULTANT

**FROG POND TERRACE**  
19 DETACHED SINGLE FAMILY LOTS  
CITY OF WILSONVILLE, OREGON

LANDSCAPE NOTES AND DETAILS

TITLE	#	DATE	DESCRIPTION

REVISIONS	
NAV/D88	DATUM
OTAK CAD	KJB
DRAWN BY	CHECKED BY
LAND USE SUBMITTAL	STATUS
MAY 17, 2022	DATE
20015	PROJECT NUMBER

**L3.00**

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Plotted: May 17, 2022 - 2:46pm - natural.krusc L:\Projects\2000020015\CADD\CADD\Draw\Frog Pond - Terrace\1200151.dwg Layout Name: L3.00

**LIGHTING NOTES:**

1. LIGHT POLES ALONG ALL ROADWAYS SHALL BE PER PGE APPROVED STREET LIGHTING EQUIPMENT (SEE SHEET IL-2 FOR ADDITIONAL DETAILS):
- |                                 |   |                                     |
|---------------------------------|---|-------------------------------------|
| <b>MANUFACTURER:</b>            | <b>MANUFACTURER PRODUCT CODE:</b>   | <b>PGE NUMBER:</b>                  |
| 23' STRESSCRETE<br>4FT MAST ARM | KMRE-A-23FT-TXT BLACK S/F KSB52<br>KA32-S-1-4FT-TXTBLACKC/WKPL20-PR7AND HARNESS | CU 1498, SU 90011694<br>SU 90011695 |

2. POLE FOOTING SHALL BE PGE APPROVED:
- |                      |                        |
|----------------------|------------------------|
| <b>MANUFACTURER:</b> | <b>CATALOG NUMBER:</b> |
| OLDCASTLE PRECAST    | 20R-LB-4-PGE           |

3. JUNCTION BOXES SHALL BE PGE-APPROVED SPLICE BOXES. PGE-APPROVED BOXES TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR ARE:
- |  |  |
|--|--|
| <b>MANUFACTURER:</b>   | <b>JB-1 Catalog Number:</b>  |
| Newbasis (Associated Plastics)<br>Armocast<br>Highline<br>Quazite (Hubbell)<br>Oldcastle | FCA173018T-00043<br>A6001640TAX18-PGE<br>CHA173018HE1<br>A42173018A017<br>17301726 |

4. LUMINAIRE FOR THE ROADWAY LIGHTING SHALL BE (SEE SHEET IL-2 FOR ADDITIONAL DETAILS):
- |                      |  |                                   |
|----------------------|--|-----------------------------------|
| <b>MANUFACTURER:</b> | <b>MANUFACTURER PRODUCT CODE:</b>                                      | <b>PGE NUMBER:</b>                |
| KING AURORA          | K829-P4FL-III-40(SSL)-8060-120-277-3K-WS-QD-TXT<br>BLACK s/f KPL20-PR7 | CU 1497, CU 11693,<br>SU 90011693 |

5. THE PHOTOELECTRIC CONTROL SHALL BE PGE-APPROVED EXTENDED LIFE TWISTLOCK, ELECTRONIC, 105 TO 300 VOLT. THE PGE-APPROVED PHOTOELECTRIC CONTROL IS:

<b>MANUFACTURER:</b>	<b>CATALOG NUMBER:</b>
RIPLEY DTL INTERMACTIC	RD8645 DLL 1271.5 J50 EK45365B

6. THE STREETLIGHT WIRE SHALL BE:  
#10 AWG, 600 VOLT, 3-CONDUCTOR, CLASS B STRANDING, TYPE TC, WITH SUNLIGHT-RESISTANT 45-MIL PVC JACKET. SUITABLE FOR DIRECT BURIAL INSTALLATIONS. INSULATION TO BE BLACK, RED, AND GREEN PER NEMA WC-7 FOR NEC APPLICATIONS (TFN, THWN, THHN), WITH FILLERS OR BINDING TAPE ADDED TO PRODUCE ROUND OUTER JACKET, RATED 90 DEGREES C DRY AND 75 DEGREES C WET, 1,000 FT NR REELS. JACKET TO DISPLAY SEQUENTIAL FOOTAGE MARKINGS. 2 REEL LABELS, ONE ATTACHED TO THE OUTSIDE FLANGE SURFACE, ONE ATTACHED TO THE DRUM WRAPPING; EACH TO DETAIL TOTAL FOOTAGE, INSIDE OR STARTING FOOTAGE.

**GENERAL NOTES**

- ALL MATERIAL AND WORKMANSHIP ASSOCIATED WITH THE ROADWAY LIGHTING SHALL CONFORM TO P.G.E. OPTION "B" SPECIFICATIONS.
- ALL ELECTRICAL EQUIPMENT SHALL CONFORM TO THE CURRENT STANDARDS OF THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) AND THE UNDERWRITERS LABORATORIES, INC. (U.L.). WHEREVER APPLICABLE. IN ADDITION TO THE REQUIREMENTS OF THE PLANS, STANDARD SPECIFICATIONS, AND THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CURRENT REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) THE NATIONAL ELECTRICAL SAFETY CODE, STANDARDS OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI), AND ANY LOCAL ORDINANCES WHICH MAY APPLY.
- LOCATION OF ILLUMINATION CONDUITS AND JUNCTION BOXES ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH OTHER UTILITIES TO ENSURE PROPER INSTALLATION.
- THE CONTRACTOR SHALL COORDINATE WORK WITH LISA GUARNERO OF PGE AT (503) 742-8299 TO COORDINATE POWER SERVICE CONNECTION FOR THE LIGHTING SYSTEM.

LUMINAIRE TABLE										
POLE NUMBER	ROADWAY	STATION	POLE STYLE	POLE TYPE	LUMINAIRE				MOUNTING HEIGHT	ARM LENGTH
					WATT	TYPE	DISTRIBUTION	DIMMING		
1	SW BRISBAND ST	16+87	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
2	SW BRISBAND ST	15+40	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
3	SW TERRACE	10+36	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
4	SW TERRACE	11+76	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
5	SW WOODBURY LP	20+01	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
6	SW WOODBURY LP	21+39	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
7	SW WOODBURY LP	22+67	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
8	SW WOODBURY LP	24+09	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
9	SW WOODBURY LP	25+37	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'
10	SW WOODBURY LP	26+71	STRESSCRETE	DECORATIVE	40	LED	TYPE 3	1.0	22'	4'

LIGHTING TABLE				
ROADWAY	CLASSIFICATION		3000K FIXTURE	
			LIGHT LEVEL (FC)	UNIFORMITY (AVE:MIN)
SW WOODBURY LOOP @ BRISBAND INTERSECTION	LOCAL/LOCAL	RECOMMENDED	≥0.8	≤6:1
		DESIGN	1.1	2.9 : 1
SW WOODBURY LOOP @ TERRACE ST INTERSECTION	LOCAL/LOCAL	RECOMMENDED	≥0.8	≤6:1
		DESIGN	1.2	3.2 : 1
SW WOODBURY LOOP SW BRISBAND ST TO TERRACE ST	LOCAL	RECOMMENDED	≥0.4	≤6:1
		DESIGN	0.7	3.7 : 1
SW WOODBURY LOOP TERRACE ST TO NORTH LIMITS	LOCAL	RECOMMENDED	≥0.4	≤6:1
		DESIGN	0.7	3.5 : 1
SW TERRACE ST SW WOODBURY LP TO EAST LIMITS	LOCAL	RECOMMENDED	≥0.4	≤6:1
		DESIGN	0.8	2.7 : 1
SW BRISBAND ST SW WOODBURY LP TO EAST LIMITS	LOCAL	RECOMMENDED	≥0.4	≤6:1
		DESIGN	0.7	3.6 : 1



FROG POND TERRACE ILLUMINATION NOTES

TITLE		
#	DATE	DESCRIPTION

REVISIONS

JCH ASY  
DRAWN BY CHECKED BY  
PRELIMINARY  
STATUS  
AUGUST 1, 2022  
DATE  
27448  
PROJECT NUMBER

**IL-1**



WEST HILLS  
LAND DEVELOPMENT



851 SW 6TH AVENUE, SUITE 600  
PORTLAND, OR 97204  
P 503.228.5200 F 503.273.8169



CONSULTANT

FROG POND TERRACE  
ILLUMINATION DETAILS

TITLE

#	DATE	DESCRIPTION

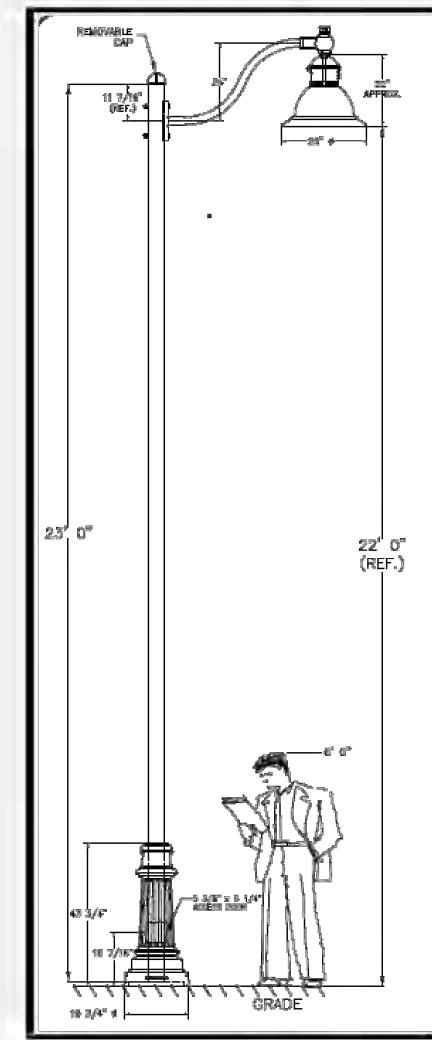
REVISIONS

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 STATUS  
 AUGUST 1, 2022  
 DATE  
 27448  
 PROJECT NUMBER

IL-2

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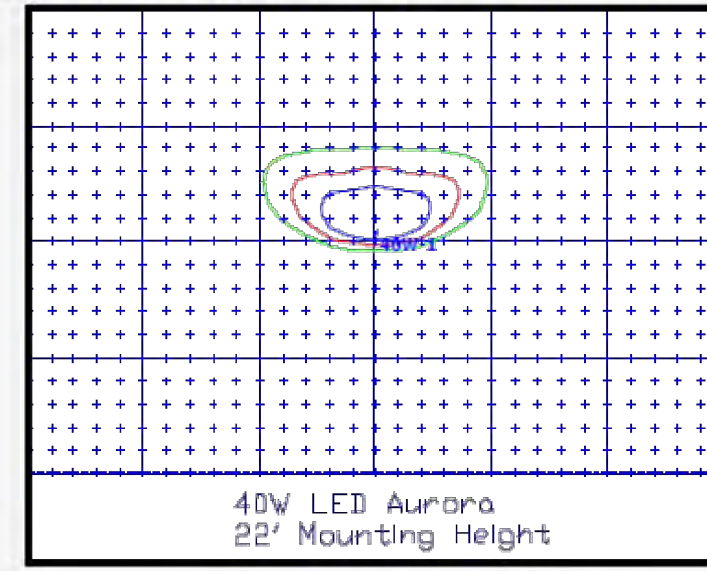
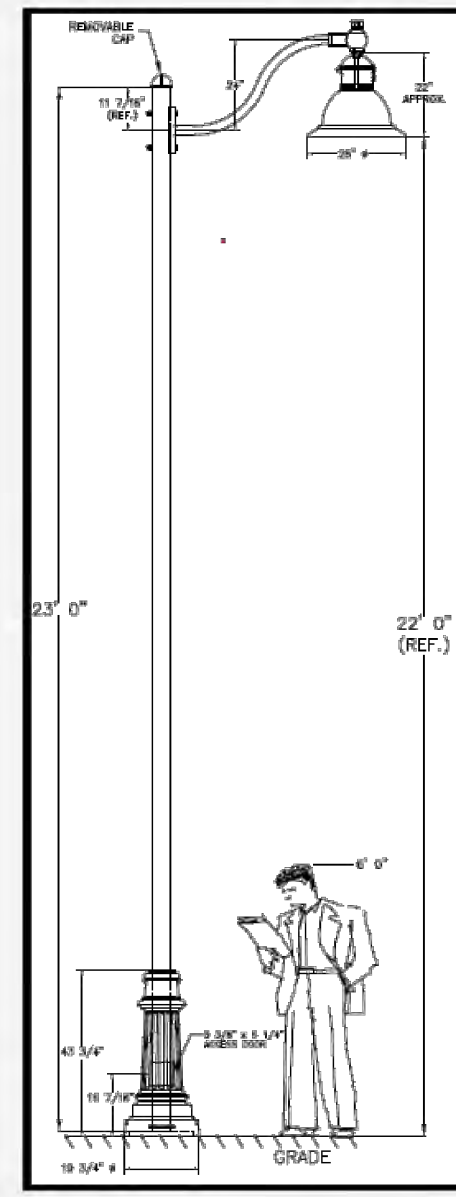
23' Decorative Aluminum Pole (Stresscrete)



DESCRIPTION

- Available Heights:**
  - 23ft (SU 90011694)
    - 4ft Mast Arm (SU 1695)
- Mast Arm**
  - Included with Pole. Mounting height as pole height.
- Mast Arm Type**
  - Single
- Footing Type**
  - Anchor Base: 20R-LB-4
  - Breakaway option see LC11540 for materials
- Pole Feed(s)**
  - Underground
- Type of Fixture to use:**
  - Pendant

KING AURORA PENDANT 40W LED



DESCRIPTION

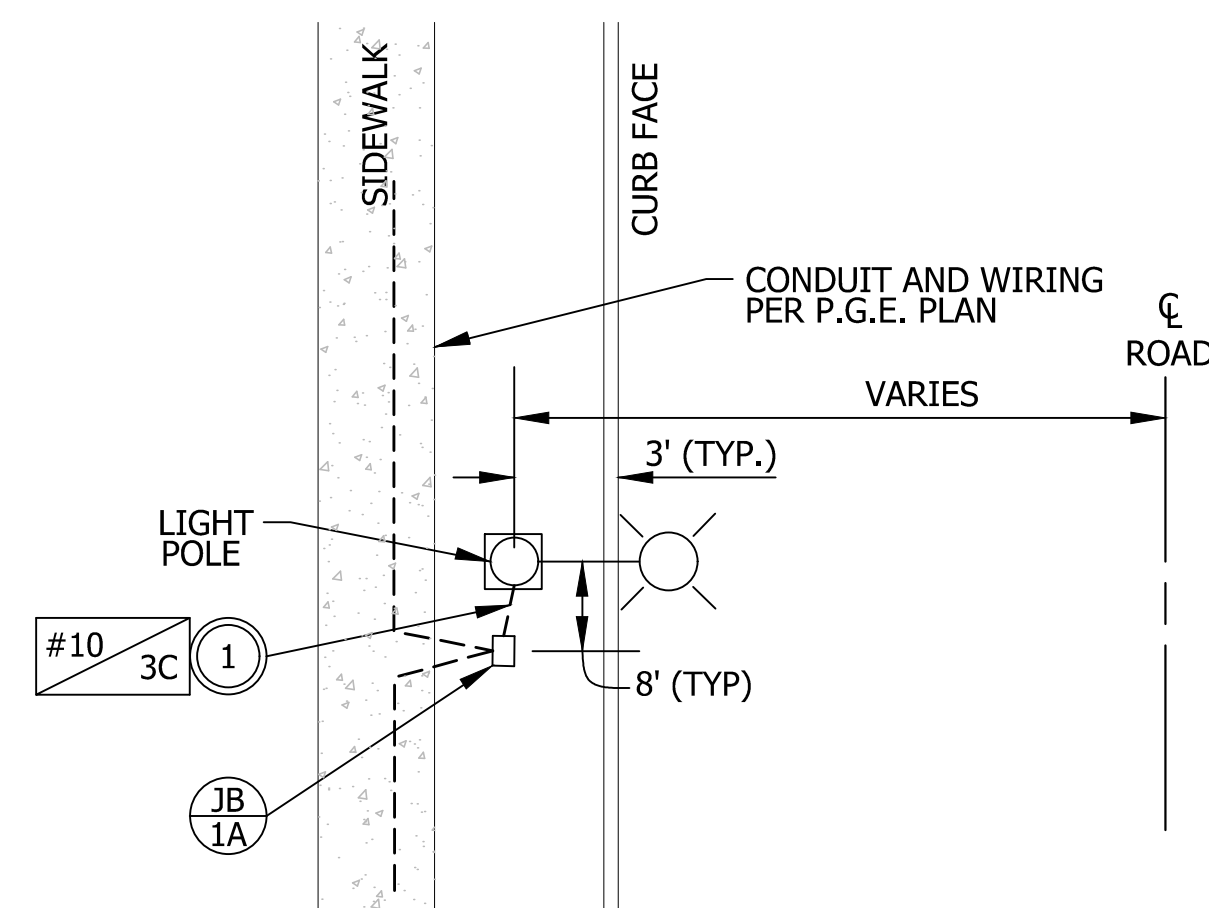
- CU 1497, SU 90011693
- CU Description:
  - Luminaire, 40W LED, King, Wattage Selector
- Available Color: Black
- Mounting Height: 22ft
- T-2 Adapter & Harness SU 90011748. Use with non-Stresscrete Poles

OTHER INFORMATION

- 3000k, flat lens array
- Multi Volt: 120-277v
- 4440 Lumens / Type III
- Manufacturer Part Number: K829-P4FL-III-60(SSL)-8060-120-277-3K-WS-QD-TXT BLACK s/f KPL20-PR7 / DWG PGE-AURORA-2

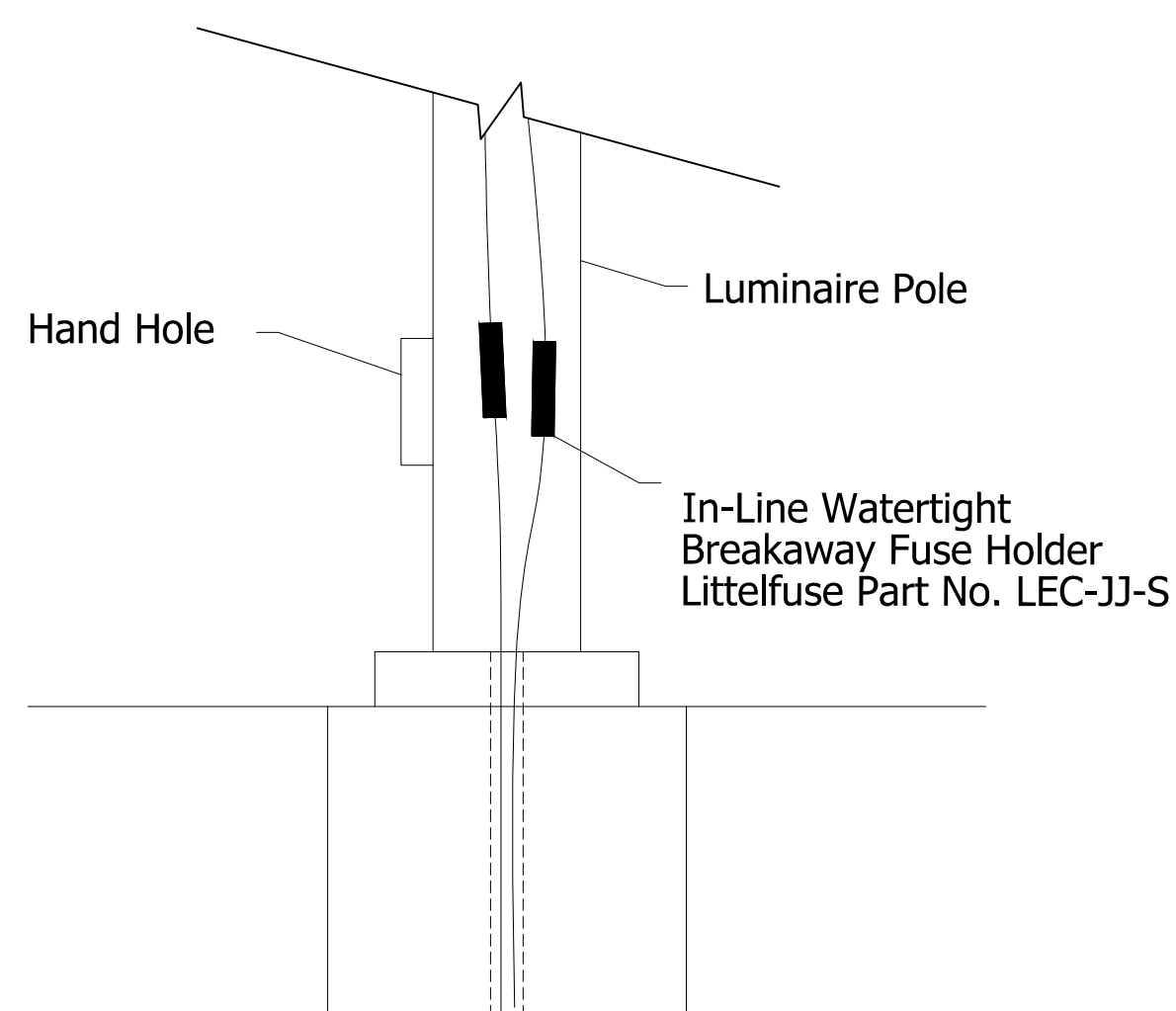
LINKS

- Spec Sheet: S:\Materials\Materials\Approved Material Spec Sheet\King\_Leotek
- S:\Visual Lighting Design\IES PHOTOMETRIC FILES\King IES\Aurora Fixtures



TYPICAL STREET LIGHT DETAIL  
(SIDEWALK W/ LANDSCAPE STRIP)

NOT TO SCALE

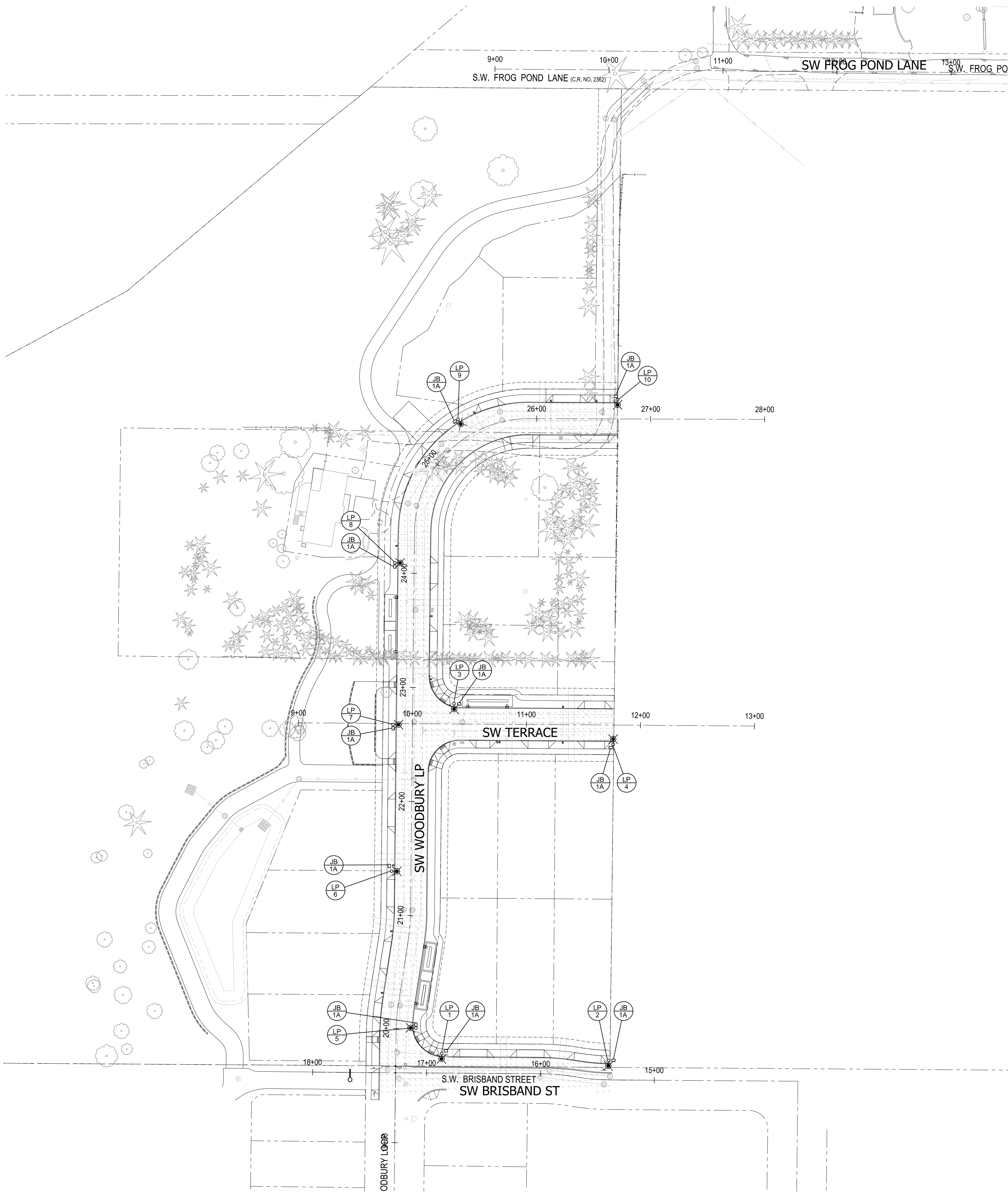


IN-LINE FUSED DISCONNECT



NOT TO SCALE

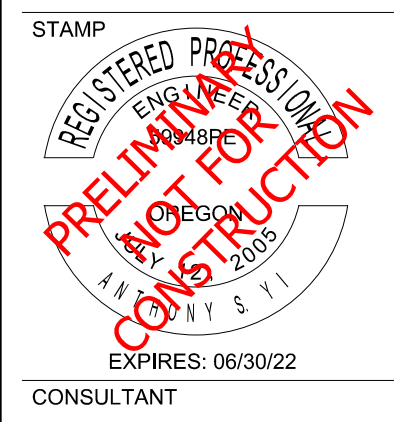
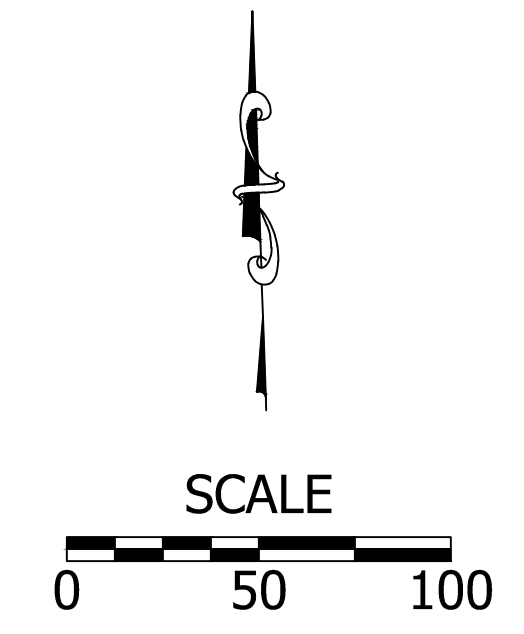


Plotted: Aug 01, 2022 - 11:03am H:\27448 - Frog Pond Terrace Illumination Plans.dwg Layout Name: IL-3



**LEGEND**

- 
 INSTALL 13"x24"x18" (MIN. DIMENSION) PGE APPROVED PRECAST CONCRETE JUNCTION BOX WITH CONCRETE APRON.
- 
 INSTALL N (N=NUMBER) PGE LUMINAIRE POLE.



**FROG POND TERRACE**  
 ILLUMINATION PLAN

REVISIONS		
#	DATE	DESCRIPTION

JCH	ASY
DRAWN BY	CHECKED BY
<b>PRELIMINARY</b>	
STATUS	
AUGUST 1, 2022	
DATE	
27448	
PROJECT NUMBER	

**IL-3**