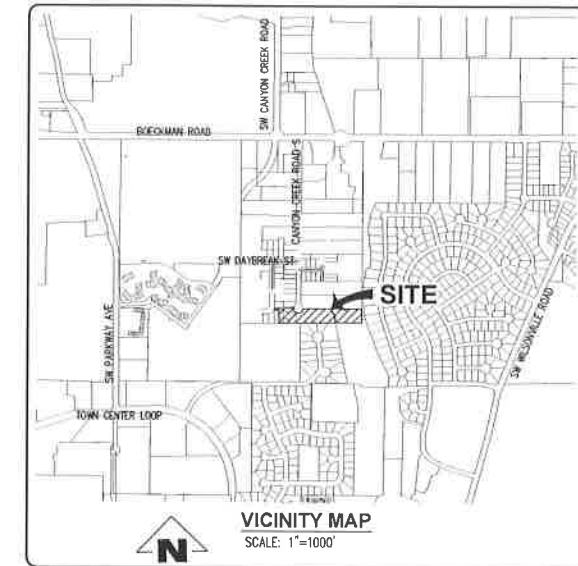
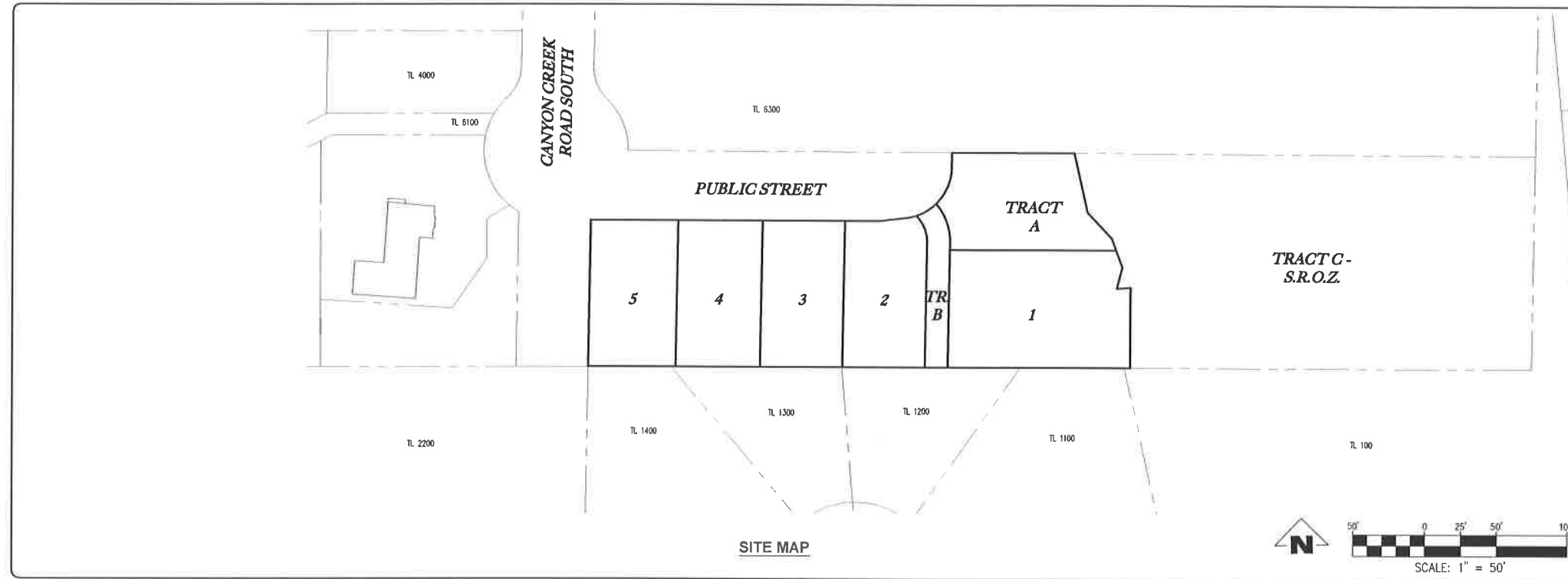


CANYON CREEK SOUTH PHASE 3

8 LOT SUBDIVISION
NW 1/4 SECTION 13, T. 3S, R. 1W, W.M.
CITY OF WILSONVILLE, OREGON



DRAWING INDEX

- 01 COVER SHEET
- 02 EXISTING CONDITIONS & DEMOLITION PLAN
- 03 TREE PRESERVATION & REMOVAL PLAN
- 04 TREE MITIGATION PLAN
- 05 PRELIMINARY PLAN
- 06 PRELIMINARY GRADING PLAN
- 07 PRELIMINARY SITE & UTILITY PLAN
- 08 PRELIMINARY PUBLIC STREET PLAN AND PROFILE
- 09 PRELIMINARY STORM PLAN AND PROFILE
- 10 PRELIMINARY LIGHTING PLAN
- 11 PRELIMINARY STREET TREE PLAN

LEGEND

---	BOUNDARY LINE	SS	EXISTING SANITARY SEWER LINE
---	EASEMENT	W	EXISTING WATER LINE
-104-	EXISTING 1' CONTOUR LINE	OH	EXISTING OVERHEAD POWER LINE
-105-	EXISTING 5' CONTOUR LINE	G	EXISTING GAS LINE
---	EXISTING CROWN (CENTER LINE OF ROAD)	---	EXISTING DITCH LINE
☀	EXISTING TREE	---	EXISTING WETLAND LINE
☐	EXISTING STORM DRAIN MANHOLE	---	EXISTING HEDGE LINE
☐	EXISTING SANITARY SEWER MANHOLE	---	EXISTING WOODEN FENCE
☐	EXISTING CATCH BASIN	---	EXISTING RAIL FENCE
○	EXISTING CLEANOUT	---X---	EXISTING CHAIN LINK FENCE
☐	EXISTING WATER METER	---	PROPOSED STORM LINE
☐	EXISTING WATER VALVE	---	PROPOSED SANITARY LINE
☐	EXISTING FIRE HYDRANT	---	PROPOSED WATERLINE
☐	EXISTING MAIL BOX	---	PROPOSED STORM LATERAL
☐	EXISTING UTILITY POLE	---	PROPOSED SANITARY LATERAL
☐	EXISTING GUY WIRE	---	PROPOSED SINGLE WATER METER
☐	EXISTING LIGHT	☐	PROPOSED STORM MANHOLE
☐	EXISTING COMMUNICATION PEDESTAL	☐	PROPOSED CATCH BASIN/AREA DRAIN
☐	EXISTING ELECTRICAL METER	☐	PROPOSED SANITARY MANHOLE
☐	EXISTING JUNCTION BOX	☐	PROPOSED BLOWOFF
•	EXISTING BOLLARD	•	PROPOSED WATER VALVE
☐	EXISTING DOWNSPOUT	-104-	PROPOSED 1' CONTOUR LINE
☐	EXISTING WETLAND FLAG	-105-	PROPOSED 5' CONTOUR LINE
---	EXISTING STORM LINE	---X---	PROPOSED SEDIMENT FENCE

ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

THIS DESIGN COMPLIES WITH ORS 92.044 (7) IN THAT NO UTILITY INFRASTRUCTURE IS DESIGNED TO BE WITHIN ONE (1) FOOT OF A SURVEY MONUMENT LOCATION SHOWN ON A SUBDIVISION OR PARTITION PLAT. NO DESIGN EXCEPTIONS NOT FINAL FIELD LOCATION CHANGES SHALL BE PERMITTED IF THAT CHANGE WOULD CAUSE ANY UTILITY INFRASTRUCTURE TO BE PLACED WITHIN THE PROHIBITED AREA.

BENCHMARK INFORMATION

VERTICAL BENCHMARK IS BASED ON NAVD (GEOID 2012A) BASED ON (RTK) CORRECTIONS FROM THE OREGON STATE REFERENCE NETWORK.

DATUM = NAVD 88

NOTICE TO EXCAVATORS:

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).

Dig Safely.

Call the Oregon One-Call Center
DIAL 811 or 1-800-332-2344

POTENTIAL UNDERGROUND FACILITY OWNERS EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS M-F 7am-6pm AFTER HOURS	503-226-4211 Ex1 4313 503-226-4211
PGE	503-464-7777
CENTURY LINK	1-800-491-0118
FRONTIER	1-800-921-8101
COMCAST	1-800-934-6489
CITY OF WILSONVILLE M-F 7am-6pm AFTER HOURS	503-682-4092 1-866-252-3614

PROJECT CONTACTS

APPLICANT:

SANM-MILLER LLC
10211 SW BARBER ST.
WILSONVILLE, OR 97070
(503) 819-3610

OWNERS:

WILLIAM Z. SPRING
28700 SW CANYON CREEK RD S
WILSONVILLE, OR 97070

LAND USE, CIVIL ENGINEER AND SURVEYOR:

EMERIO DESIGN, LLC
6445 SW FALLBROOK PLACE, SUITE 100
BEAVERTON, OR 97008
PLANNING: STEVE MILLER
ENGINEERING: ERIC EVANS, PE
SURVEYOR: KING PHELPS, PLS
(503) 746-8812 (P)
(503) 639-9592 (F)

SITE DATA

SITE AREA:	2.25 ACRES
PROPOSED ZONING:	PDR-3
TAX MAP:	31W13BD
TAX LOTS:	6400
NO OF LOTS:	8

28700 CANYON CREEK RD S
TAX LOT 6400
TAX MAP 31W13BD
NW 1/4 OF SEC.13, T.3S R.1W W.M.
WILSONVILLE, OREGON

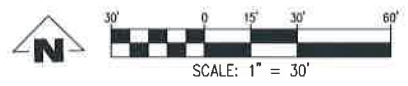
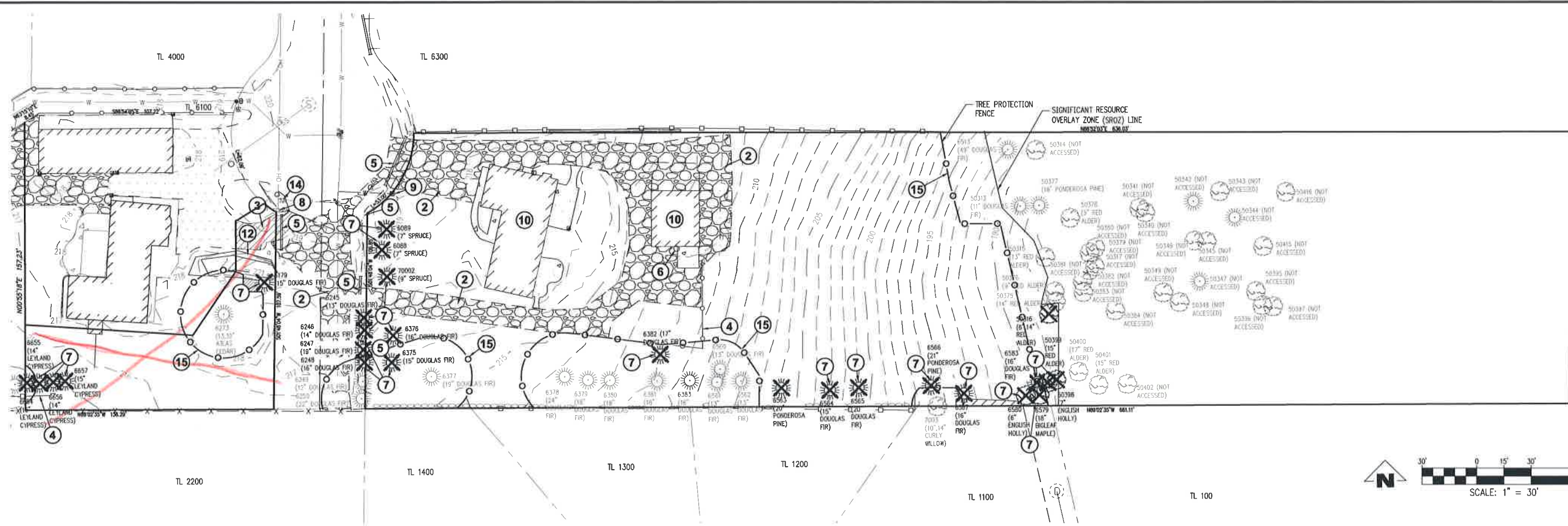
COVER SHEET

NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO
Design
6445 SW FALLBROOK PLACE, SUITE 100
BEAVERTON, OREGON 97008
TEL: (503) 746-8812
FAX: (503) 639-9592
www.emeriodesign.com

SHEET
01

14



LEGEND

—	BOUNDARY LINE	⊗ ^C	EXISTING COMMUNICATION PEDESTAL
---	EASEMENT	⊠	EXISTING ELECTRICAL METER
---104---	EXISTING 1' CONTOUR LINE	⊠	EXISTING JUNCTION BOX
---105---	EXISTING 5' CONTOUR LINE	●B	EXISTING BOLLARD
—	EXISTING CROWN (CENTER LINE OF ROAD)	⌵	EXISTING DOWNSPOUT
☀	EXISTING TREE	F	EXISTING WETLAND FLAG
⊙	EXISTING STORM DRAIN MANHOLE	—SD—	EXISTING STORM LINE
⊙	EXISTING SANITARY SEWER MANHOLE	—SS—	EXISTING SANITARY SEWER LINE
⊠	EXISTING CATCH BASIN	—W—	EXISTING WATER LINE
○	EXISTING CLEANOUT	—OH—	EXISTING OVERHEAD POWER LINE
⊙	EXISTING WATER METER	—G—	EXISTING GAS LINE
⊙	EXISTING WATER VALVE	---	EXISTING DITCH LINE
⊙	EXISTING FIRE HYDRANT	---	EXISTING WETLAND LINE
⊙	EXISTING MAIL BOX	---	EXISTING HEDGE LINE
⊙	EXISTING UTILITY POLE	---	EXISTING WOODEN FENCE
⊙	EXISTING GUY WIRE	---	EXISTING RAIL FENCE
☆	EXISTING LIGHT	—X—X—	EXISTING CHAIN LINK FENCE

DEMOLITION KEY NOTES

- ① NOT USED
- ② EXISTING GRAVEL DRIVEWAY TO BE REMOVED
- ③ EXISTING AC DRIVEWAY TO BE REMOVED
- ④ EXISTING FENCE TO BE REMOVED
- ⑤ EXISTING CULVERT/DITCH TO BE REMOVED
- ⑥ EXISTING UTILITY STRUCTURE TO BE REMOVED. STUB AT MAIN LINE.
- ⑦ REMOVE EXISTING TREES. SEE SHEETS 03 FOR TREE PRESERVATION & REMOVAL PLAN
- ⑧ EXISTING UTILITY POLE & LINE TO BE RELOCATED OR REMOVED. COORDINATE WITH SERVICE PROVIDER PRIOR TO REMOVING OR RELOCATING.
- ⑨ EXISTING WATER METER TO BE REMOVED.
- ⑩ EXISTING BUILDING/STRUCTURE TO BE REMOVED
- ⑪ NOT USED
- ⑫ EXISTING WALL TO BE REMOVED
- ⑬ EXISTING MAILBOX TO BE RELOCATED OR REMOVED
- ⑭ EXISTING FIRE HYDRANT TO REMAIN AND BE PROTECTED. CONTRACTOR IS RESPONSIBLE FOR DAMAGE DURING CONSTRUCTION.
- ⑮ PROPOSED TREE PROTECTION FENCE

GENERAL NOTES:

- A. SEE SHEET 03 FOR TREE PRESERVATION & REMOVAL PLAN. TREE PROTECTION TO BE INSTALLED BEFORE ANY SITE DEMOLITION, GRUBBING, OR CLEARING.

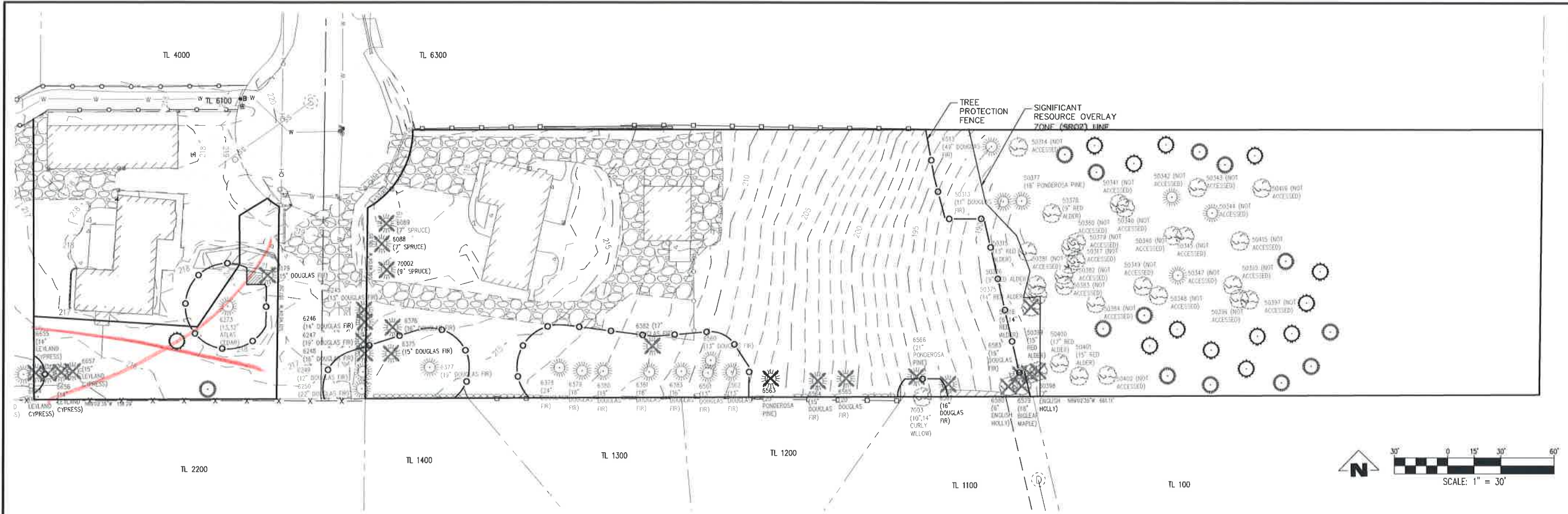
28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC.13, T.3S R.1W W.M.
 WILSONVILLE, OREGON

EXISTING CONDITIONS & DEMOLITION PLAN

NO.	DATE	DESCRIPTION
10	08/25/20	PLANNING 1ST SUBMITTAL
11	11/16/20	1ST REVISION

HMERIO Design
 6445 SW FALLBROOK PLACE, SUITE 100
 BEAVERTON, OREGON 97008
 TEL: (503) 746-8612
 FAX: (503) 639-5682
 www.hmerio.com

TREE MITIGATION PLAN



PLANTING NOTES

Plant material: All plant material shall be nursery grown under climatic conditions similar to or harder than those at the site. All plants shall be of normal habit of growth, healthy, vigorous, and free of disease, insects, insect eggs and larvae.

Trees: All trees shall be healthy grown nursery stock, be a minimum of 1-1/2" caliper at 6 inches above ground level, and be at least 8-10 feet high conforming in size and grade with the standard for nursery stock ANSI Z60.1-1990 1990 ed. All trees shall have a single straight trunk, a well developed leader with tops and roots characteristic of the species, cultivar or variety. All trees must be free of insects, diseases, mechanical injury, and other objectionable features when planted. Bare root stock shall leave a root system sufficient to insure survival and healthy growth. Balled and burlap (B&B) stock shall leave a natural sound ball sufficient to insure survival and healthy growth. All trees which are grafted are to be grafted at a minimum height of 7 feet above ground level.

Topsoil: Backfill for planting holes to be 2/3 topsoil, 1/3 textural soil amendment. Shrub beds to have 6" of topsoil and 2" of textural soil amendment. Lawn areas to have minimum 4" topsoil. Any imported topsoil used is to be fertile, friable, and free of noxious weeds and debris. Textural soil amendments may be well rotted manure or commercial compost. Landscape architect shall field inspect prepared topsoil prior to any planting being done.

Fertilizer: 10-15-10 slow release on shrubs, trees, and groundcovers. All plants to receive applications of fertilizer according to manufacturer's recommendation.

Mulch: Minimum 2" medium grind, well-rotted bark mulch or commercial compost.

Planting: Stones, mortar, rubbish, and any material harmful to plant life are all to be removed from all planting areas.
 - All planting areas to be raked smooth prior to planting. Lawn areas to be raked smooth and rolled prior to planting.
 - All planting holes are to be twice the diameter of the plant root ball or system. Sides and bottom of holes are to be broken up.
 - All plants to be watered in when the planting holes have been half filled with soil. The irrigation system is not to be used to water plants in.
 - Apply fertilizer when the planting hole is 3/4 full.
 - Finished planting level of plants to be at or slightly above level grown in nursery.
 - Landscape Architect shall inspect all planting and give written approval before owner will accept the landscaping work (from the general contractor) as being complete.

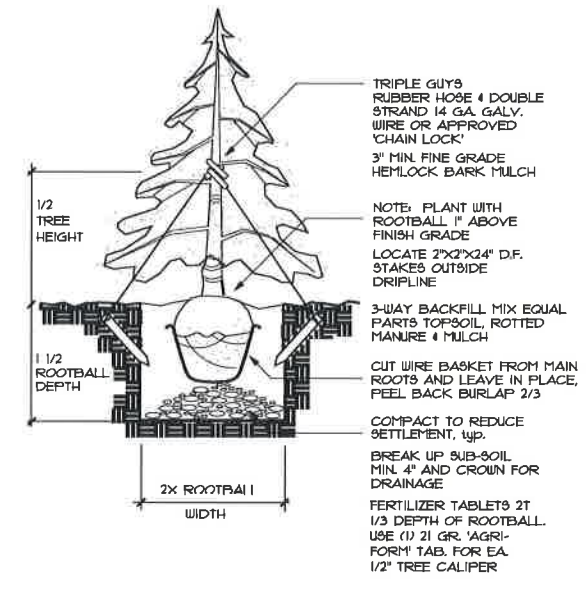
Maintenance: Begin maintenance immediately after each tree is planted. Protect and maintain plantings for a period of 60 days after acceptance. Water, weed, cultivate, maintain mulch, and reset plants to proper grades and upright positions as required.

Guarantee: Guarantee all plant material after final acceptance for duration of two full growing seasons or for two years, whichever is longer. Replace plant materials not surviving or in poor condition except only loss or damage due to freezing, vandalism, or acts and neglects on the part of others.

IRRIGATION NOTES
 Irrigation to be by watering truck through the guarantee period.

MITIGATION PLANTING

Existing Trees		
SYMBOL	(QUANTITY) SIZE	SCIENTIFIC NAME COMMON NAME
TREES		
	(13) 8"	<i>Thuja plicata</i> Western Red Cedar
	(13) 2" Caliper	<i>Pseudotsuga menziesii</i> Douglas-fir
SEEDING		
Pro Time Companion in disturbed areas 7 lbs. per 1,000 sq. ft.		

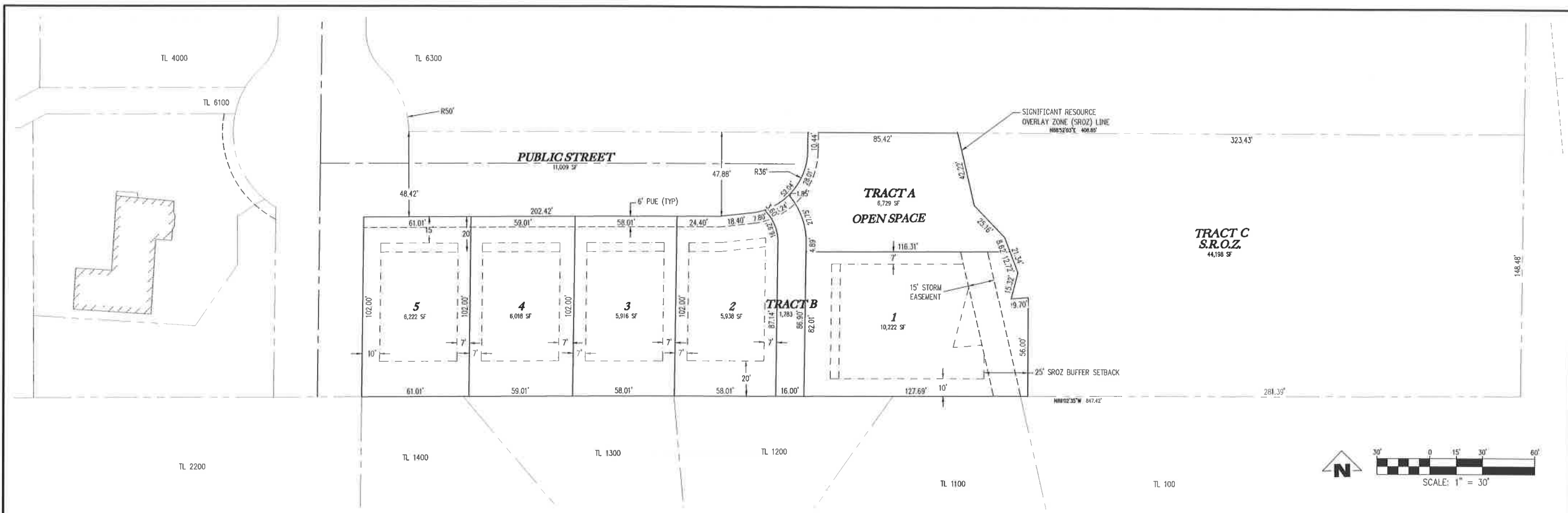


1 EVERGREEN TREE PLANTING DETAIL
 L2 SECTION N.T.S.

REVISIONS		
NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO
Design

6445 SW FALLBROOK PLACE, SUITE 100
 BEVERLY HILLS, CALIF. 90212
 TEL: (310) 746-8812
 FAX: (310) 639-9592
 www.emeriodesign.com



PARCEL DATA	
AREA:	2.25 AC
PROPOSED ZONING:	PDR-3
TAX MAP:	31W13BD
TAX LOTS:	6400
NO. OF LOTS:	5

SITE DATA	
ZONE:	PDR-3
TOTAL SITE AREA:	2.25 ACRES (98,034 SQ. FT.)
NON-BUILDABLE AREA:	1.01 ACRES (44,198 SQ. FT.)
NET BUILDABLE AREA:	1.24 ACRES (53,836 SQ. FT.)
5 LOTS & 3 TRACTS	
MINIMUM LOT SIZE:	1,783 SQ. FT.
MAXIMUM LOT SIZE:	44,198 SQ. FT.
AVG. LOT SIZE:	10,893 SQ. FT.

TRACT 'A' DATA	
USABLE OPEN SPACE AREA:	0.15 ACRES (6,729 SQ. FT.)

MINIMUM SETBACKS	
FRONT:	15'
GARAGE:	20'
SIDE:	7' (5' SINGLE STORY)
REAR:	20'
MAX HEIGHT:	35'
MAX LOT COVERAGE:	
•	50% FOR LOTS CONTAINING LESS THAN 7,000 SQ. FT.
•	45% FOR LOTS BETWEEN 7,000-8,000 SQ. FT.
•	40% FOR LOTS EXCEEDING 8,000 SQ. FT.
MIN LOT WIDTH:	40'

LEGEND	
	EXISTING SROZ LINE
	PROPERTY BOUNDARY
	PROPOSED LOT LINE
	PROPOSED RIGHT-OF-WAY LINE
	PROPOSED ROAD CENTERLINE
	PROPOSED PUE

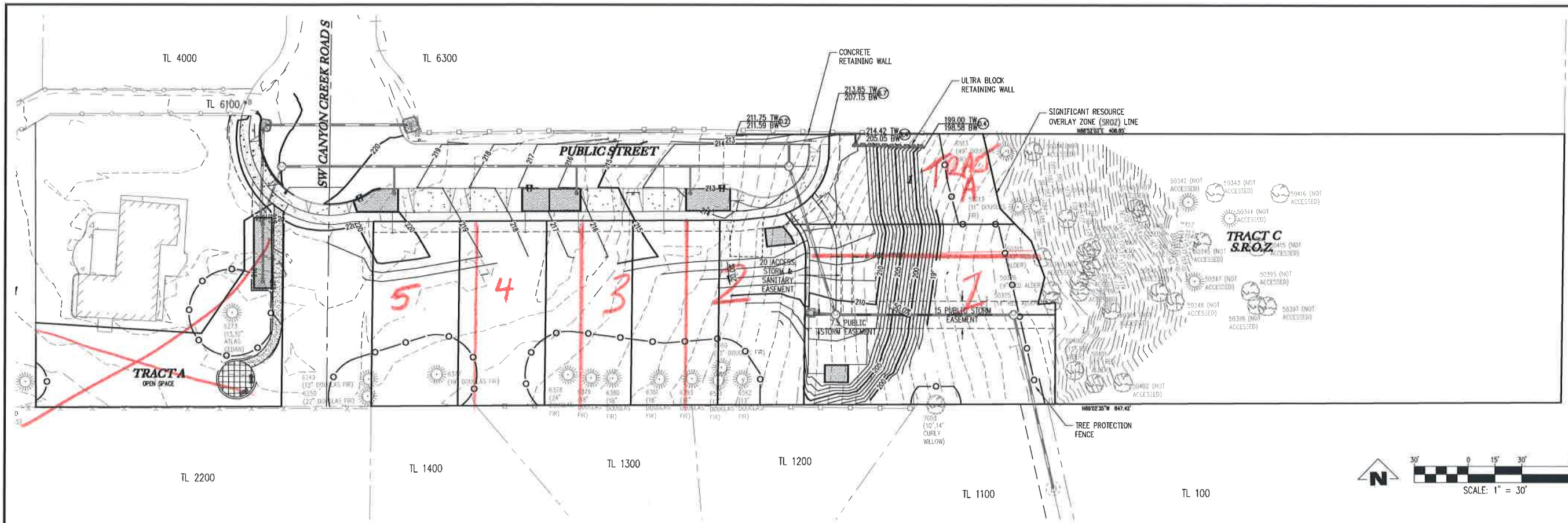
28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC. 13, T. 3S R. 1W W.M.
 WILSONVILLE, OREGON

PRELIMINARY PLAT

REVISIONS		
NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO Design
 6445 SW FALLBROOK PLACE, SUITE 100
 BEAVERTON, OREGON 97008
 TEL: (503) 746-8812
 FAX: (503) 639-9592
 www.emeriodesign.com

FILE P: I:\0463-005 Canyon Creek Sp Phase 3\dwg\plan\0463-005-005.prelim.plat, Plot Date: 4/29/2021 12:56 PM, by: Kyung Han



LEGEND:

	EXISTING 1' CONTOUR LINE
	EXISTING 5' CONTOUR LINE
	EXISTING WETLAND LINE
	PROPOSED STORM LINE
	PROPOSED STORM LATERAL
	PROPOSED STORM MANHOLE
	PROPOSED BIO-BAG AT CATCH BASIN/AREA DRAIN
	PROPOSED LIDA PLANTER
	PROPOSED 1' CONTOUR LINE
	PROPOSED 5' CONTOUR LINE
	PROPOSED SEDIMENT FENCE

28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC.13, T.3S R.1W W.M.
 WILSONVILLE, OREGON

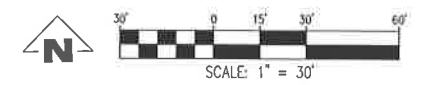
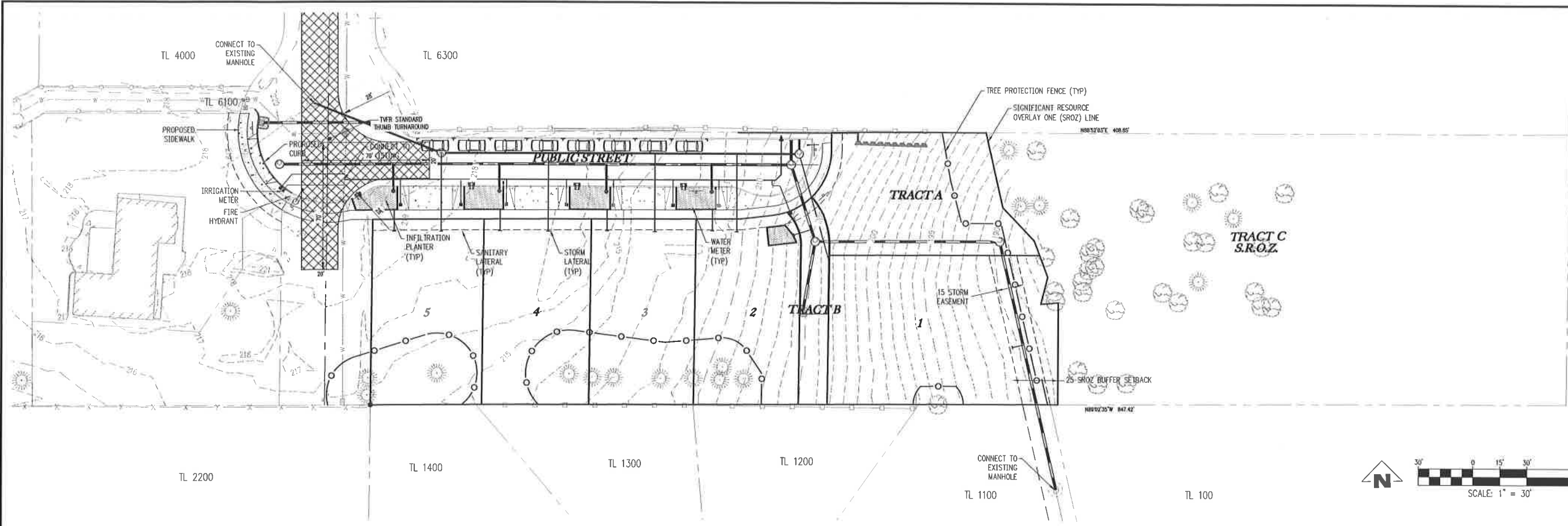
**PRELIMINARY GRADING
 PLAN**

REVISIONS

NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

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 6445 SW FALLBROOK PLACE, SUITE 100
 BEAVERTON, OREGON 97008
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LOT DRAINAGE NOTE:
 1. EACH LOT SHALL HAVE AN ON SITE LIDA PLANTER TO TREAT ON SITE STORM DRAINAGE.

LEGEND:

	PROPOSED STORM LINE
	PROPOSED SANITARY LINE
	PROPOSED WATERLINE
	PROPOSED STORM LATERAL
	PROPOSED SANITARY LATERAL
	PROPOSED SINGLE WATER METER
	PROPOSED STORM MANHOLE
	PROPOSED CATCH BASIN/AREA DRAIN
	PROPOSED SANITARY MANHOLE
	PROPOSED BLOWOFF
	PROPOSED WATER VALVE
	PROPOSED LIDA PLANTER

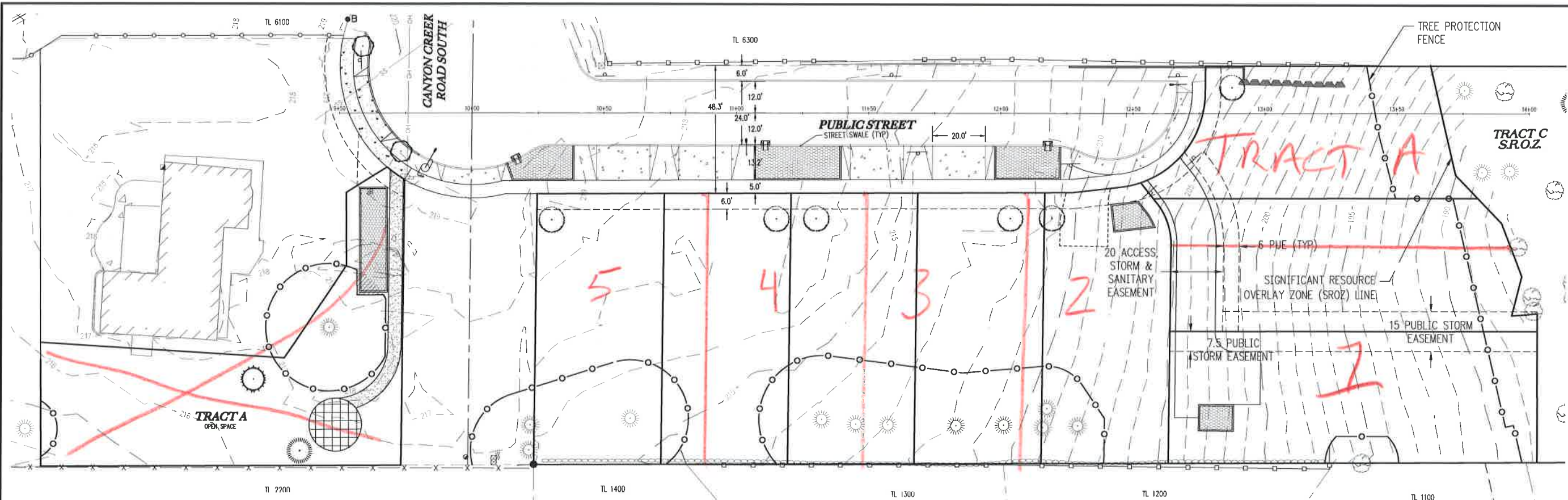
28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC.13, T.3S R.1W W.M.
 WILSONVILLE, OREGON

PRELIMINARY SITE & UTILITY PLAN

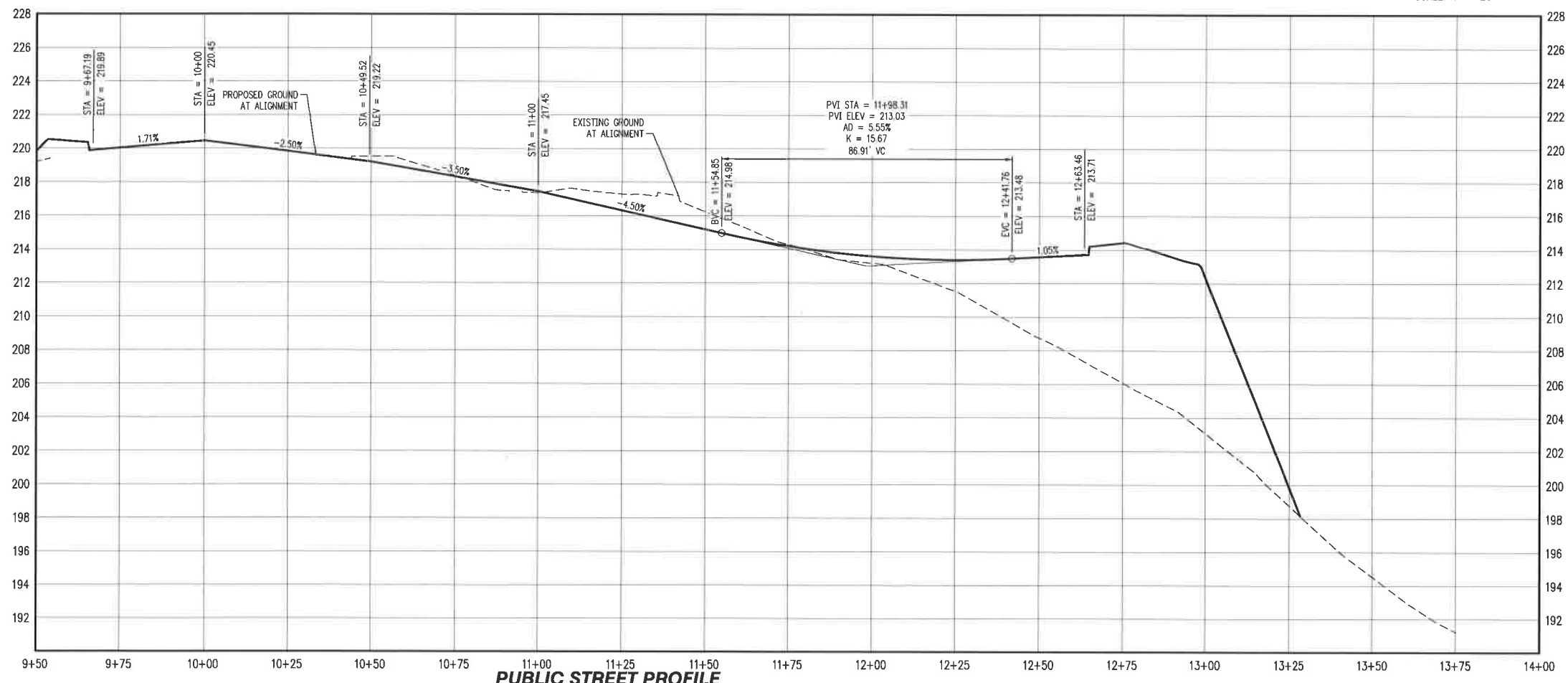
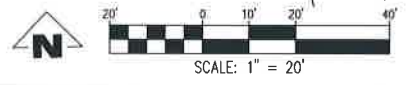
NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO Design
 6445 SW FALSBROOK PLACE, SUITE 100
 BEAVERTON, OREGON 97008
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 FAX: (503) 639-9592
 www.emeriodesign.com

FILE P: 10463-005 Canyon Creek So Phase 3\dwg\plan\0463-005_07p01.dwg, Layout: 07 PRELIMINARY SITE & UTILITY PLAN, Plot Date: 4/29/2021 12:37 PM, by: Kyong Han



PUBLIC STREET PLAN



PUBLIC STREET PROFILE

SCALE: 1"=20' HORZ. 1"=4' VERT.

28700 CANYON CREEK RD S
TAX LOT 6400
TAX MAP 31W13BD
NW 1/4 OF SEC.13, T.3S R.1W W.M.
WILSONVILLE, OREGON

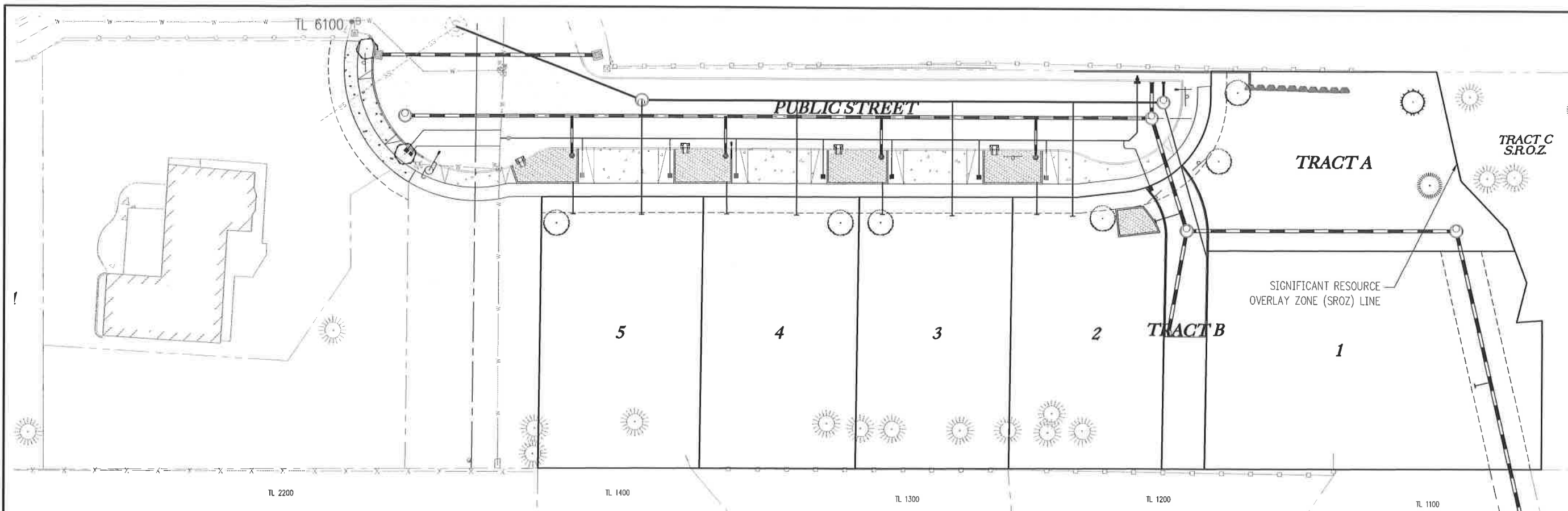
PRELIMINARY PUBLIC STREET PLAN AND PROFILE

REVISIONS		
NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO Design
6445 SW FALLBROOK PLACE, SUITE 100
BEAVERTON, OREGON 97008
TEL: (503) 636-9812
FAX: (503) 636-9812
www.emeriodesign.com

SHEET
08
OF
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FILE P:\0463-005 Canyon Creek So Phase 3\img\plan\0463-005_08str.Plot Date: 3/17/2021 8:33 AM, by: Kyung Han



28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC.13, T.3S R.1W W.M.
 WILSONVILLE, OREGON

**PRELIMINARY STREET
 TREE PLAN**

NO.	DATE	DESCRIPTION
0	08/25/20	PLANNING 1ST SUBMITTAL
1	11/16/20	1ST REVISION

EMERIO
Design
 6445 SW FALLBROOK BLVD, SUITE 100
 BEAVERTON, OREGON 97008
 TEL: (503) 746-8812
 FAX: (503) 639-9592
 www.emeriodesign.com

SHEET
11
 OF
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FILE:P:\0463-005 Canyon Creek So Phase 3\wg\plan\0463-005-11psht_Layout: 11 PRELIMINARY STREET TREE PLAN, Plot Date: 4/29/2021 12:49 PM, by: Kyung Han

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:

- 5' MINIMUM CLEARANCE FROM UNDERGROUND UTILITIES AND LATERALS. LANDSCAPE DESIGN OF TREES AND ENGINEERING DESIGN OF UNDERGROUND SERVICES SHALL BE COORDINATED.
- TREES SHALL BE CENTERED BETWEEN CURB AND SIDEWALK.
- CITY APPROVED ROOT BARRIER METHOD TO BE USED FOR ALL STREET TREES LOCATED WITHIN 8 FEET OF ALL CURBS AND SIDEWALKS. ROOT BARRIER SHALL EXTEND TO A DISTANCE OF 20' CENTERED WITH THE TREE BASE. BARRIER SHALL BE 2"-4" FROM CURB OR SIDEWALK AND EXTEND A MINIMUM OF 24" IN DEPTH.
- WHEN TREES ARE WITHIN TREE WELLS, ROOT BARRIER SHALL BE PLACED ON ALL SIDES.
- PARALLEL PARKING: LOCATE TREE BETWEEN ON-STREET PARKING SPACES. THIS LOCATION PRECLUDES DOORS OPENING ONTO TREES AND PASSENGERS EXITING IN CONFLICT WITH TREE PLACEMENT.
- DIAGONAL PARKING: LOCATE TREE MINIMUM 3' AWAY FROM LEFT STALL LINE TOWARD THE CENTER OF THE PARKING SPACE. THIS LOCATION ATTEMPTS TO AVOID THE FRONT END OF THE PARKED CAR OVERHANGING THE CURB.

Street Tree Location and Clearances		
DRAWING NUMBER: RD-1240	DRAWN BY: SR	SCALE: N.T.S.
FILE NAME: RD-1240.DWG	APPROVED BY: NK	DATE: 12/31/14

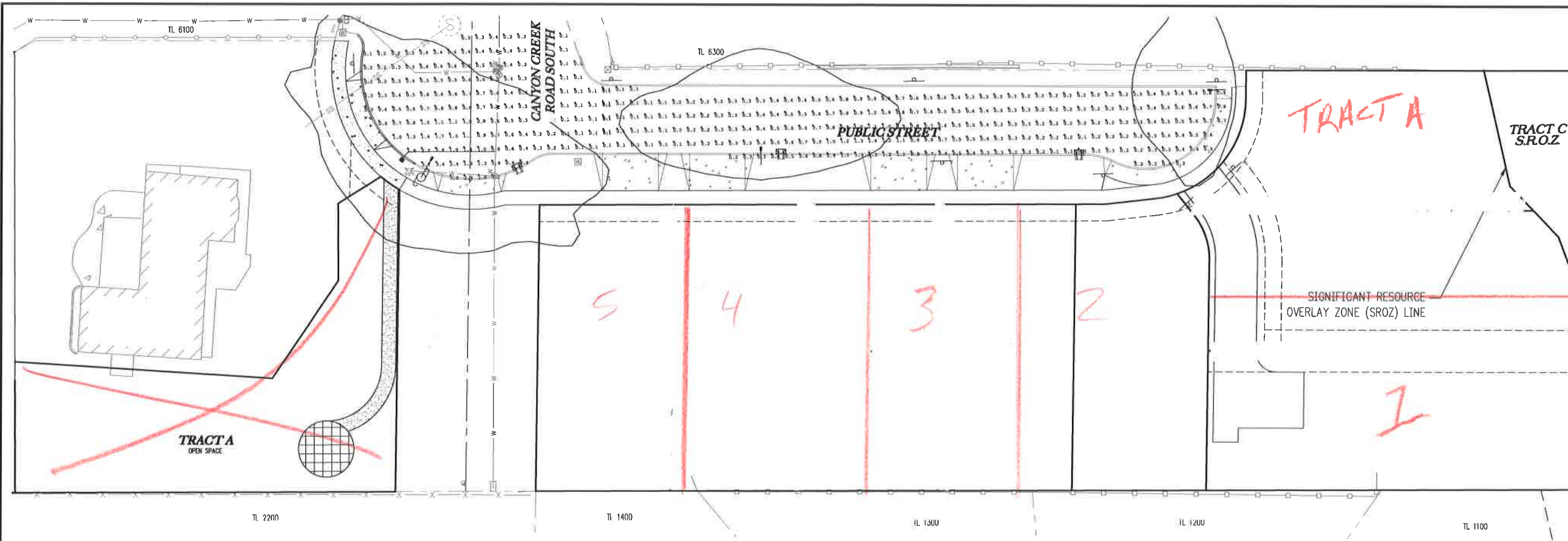
CITY OF WILSONVILLE
 PUBLIC WORKS STANDARDS

(QUANTITY) SIZE	SCIENTIFIC NAME COMMON NAME
TREES	
(1) 2" Caliper	<i>Acer rubrum</i> 'October Glory' 'O.G.' Red Maple
(6) 2" Caliper	<i>Nyssa sylvatica</i> Tupelo

NOTE:
 ALL STREET TREE PLACEMENT SHALL MEET THE STANDARDS OF PUBLIC WORKS STANDARDS.

LEGEND:

- PROPOSED STORM LINE
- PROPOSED SANITARY LINE
- PROPOSED WATERLINE
- PROPOSED STORM LATERAL
- PROPOSED SANITARY LATERAL
- PROPOSED SINGLE WATER METER
- PROPOSED STORM MANHOLE
- PROPOSED CATCH BASIN/AREA DRAIN
- PROPOSED SANITARY MANHOLE
- PROPOSED BLOWOFF
- PROPOSED WATER VALVE
- PROPOSED LIDA PLANTER



Northstar Electrical Contractors
 11055 S.W. Clay Street
 Sherwood, Oregon 97140
 Phone 503-612-0840
 Fax 503-612-0891
 Email adam.suminski@NorthStarElect.com



CANYON CREEK SOUTH 3
 WILSONVILLE, OR

28700 CANYON CREEK RD S
 TAX LOT 6400
 TAX MAP 31W13BD
 NW 1/4 OF SEC.13, T.3S R.1W W.M.
 WILSONVILLE, OREGON

PRELIMINARY LIGHTING PLAN

REVISIONS	
NO.	DESCRIPTION
0	08/25/20 PLANNING 1ST SUBMITTAL
1	11/15/20 1ST REVISION

EMERIO Design
 6445 SW FALLBROOK PLACE, SUITE 100
 BEAVERTON, OREGON 97008
 TEL: (503) 636-8912
 FAX: (503) 636-8912
 www.emeriodesign.com

Title: STREET LIGHTING
 Designed by: Adam Suminski
 Checked by: Jesse Culp
 Date: October 31, 2019

DWG. NO
EL1

SHEET
10
 OF
14

CITY OF WILSONVILLE STREET LIGHTING NOTES:

- LIGHT POLE SHALL BE 30-FOOT DIRECT BURIED, 25-FOOT MOUNTING HEIGHT, TWO-PIECE BRONZE, FIBERGLASS LIGHT POLE.
 WILSONVILLE APPROVED LIGHT POLES ARE:
 SHAKESPEARE BHT309955BL9901
 CMT MDS30-F-100-S2-HS-PC-NP-1B-22
 WILSONVILLE APPROVED STUBS ARE:
 SHAKESPEARE BHS3099N3BL9901
 CMT 25-STUB-UP
- JUNCTION BOXES SHALL BE WILSONVILLE APPROVED SPLICE BOXES OR APPROVED EQUAL.
 WILSONVILLE APPROVED JUNCTION BOXES ARE:
 NEWBASE FCA132418A017
 QUAZITE A42132418A017
 OLDCASTLE/CARSON 13241617
 HIGHLINE CHA132418BE1
 ARMORCAST A6001946TAX18-PGE
 "ELECTRIC" OR "POWER" SHALL BE IN THE LID MARKING AREA.
- LUMINAIRES SHALL BE WILSONVILLE APPROVED 25/36 WATT LED, 240V, MAST-ARM MOUNTED, BRONZE COBRAHEAD LUMINAIRES WITH TWISTLOCK P.E. RECEPTACLE.
 WILSONVILLE APPROVED COBRAHEAD LUMINAIRES ARE:
 25W AMERICAN ELECTRIC ATB0-10BLEDE70-MVOLT-R2-3K-BZ-20-NL-UMR-XX-P7
 36W AMERICAN ELECTRIC ATB0-20BLEDE53-MVOLT-R2-3K-BZ-20-NL-UMR-XX-P7
- THE PHOTOELECTRIC CONTROL SHALL BE WILSONVILLE APPROVED EXTENDED LIFE TWISTLOCK, FAIL-ON, ELECTRONIC, 105-300 VAC, 60 HZ, PER ANSI 136.10, BRONZE HOUSING, 1.5 LUMEN TURN-ON, RATED 1000W TUNGSTEN (1800 VA BALLAST) 1.5:1 TURN-OFF/TURN-ON RATIO, SOLID BRASS PLUG BLADES, CONFORMALLY COATED CDS CELL, 160 JOULE MOV, 2-4 SEC. TURN-OFF DELAY. STREETLIGHT CIRCUIT CONTROLLED BY SINGLE PE CELL, SNORKEL MOUNTED TO STREETLIGHT CONTROL CABINET.
 WILSONVILLE APPROVED PHOTOELECTRIC CONTROLS ARE:
 RIPLEY RDB645
 DTL DLL 1271.5 J50
- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO P.G.E. SCHEDULE "95" OPTION "B" SPECIFICATIONS. LIGHTING CONTRACTOR/INSTALLER IS SOLELY RESPONSIBLE FOR INSTALLATION OF CORRECT MATERIAL BASED ON CURRENT WILSONVILLE APPROVED MATERIAL LIST AND PGE SPECIFICATIONS AND STANDARDS. LIGHT POLE AND FIXTURE SUBMITTAL TO PROPER JURISDICTION IS RECOMMENDED.

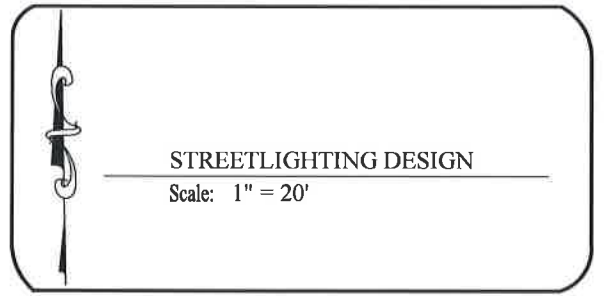
NUMERIC SUMMARY

PROJECT: CANYON CREEK 3

LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN
NEW STREET	ILLUMINANCE	FC	0.43	1.40	0.10	4.30
CANYON CREEK SOUTH ROAD	ILLUMINANCE	FC	0.59	3.70	0.10	5.90

LIGHT POLE LOCATION TABLE

POLE NUMBER	MH	ARM	WATTS	ARRANGEMENT	STREET	POLE TYPE	LLF
1	25 FT	0.67	25	SINGLE	NEW STREET	FIBERGLASS POLE	0.85
2	25 FT	0.67	36	SINGLE	NEW STREET	FIBERGLASS POLE	0.85



- = INSTALL LUMINAIRE POLE # (X = POLE #).
- = INSTALL PGE "11 X 17" JB WITH LID MARKED "ELECTRIC" OR "POWER"
- = EXISTING LUMINAIRE AND POLE

