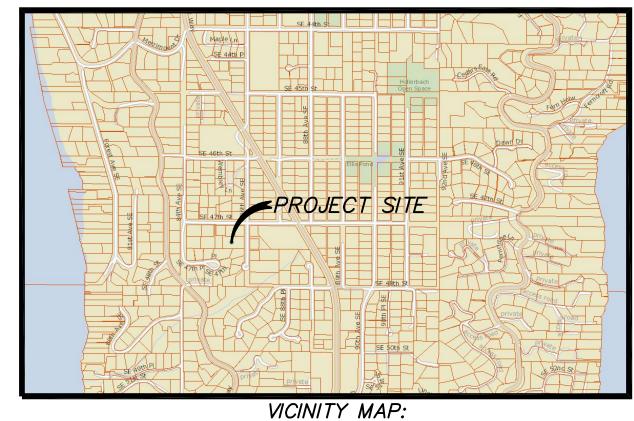
LORENZINI SP





# SCALE: 1"=1,000'

## PROJECT CONTACTS:

SURVEYOR	//
(425) 827–3063	
CONTACT: IAMES O REIGHNOFF BLC	

### CONTACT: JAMES G. REICHHOFF, P.L.S. JAMES.REICHHOFF@DRSTRONG.COM

## SHEET INDEX:

C1	1 OF 6	TITLE SHEET
C2	2 OF 6	SITE PLAN
C3	3 OF 6	TREE PLAN
C4	4 OF 6	CONCEPTUAL GRADING & UTILITY PLA

### DDA IECT DESCRIPTIONS

PROJECT DESCRIPTION:				
SITE ADDRESS:	4719	86 TH	A VENUE	SE
TAX PARCEL NUMBER:	75981	00420	)	
NUMBER OF LOTS:	2			
ZONING:	<i>R</i> -9.6			
SITE AREA:	28,64	4 S.F.	(0.658	ACRES
GROSS PROJECT AREA:	24,938	8 S.F.	(0.572	ACRES,
PROPOSED GROSS FLOOR AREA:	<i>TBD</i>			
PROPOSED ONSITE IMPERVIOUS AREA:	11,029	9 S.F.	(38.5%)	
PROPOSED PERVIOUS AREA:	17,615	S.F.	(61.5%)	

EXISTING LOT COVERAGE:	.9,079	S.F.	(31.7%)
PROPOSED LOT COVERAGE:	.10,826	S.F.	(37.8%)
PROPOSED BUILDING HEIGHT:	TRD		

## NUMBER OF PARKING SPACES:....

## DEVELOPMENT TABLES

LOT	GROSS LOT AREA (SF)	MAX GFA 40% (SF)	NET LOT AREA (SF)	MAX. LOT COVERAGE (40%) (SF)	MAX. HARDSCAPE (9%) (SF)
1	14,974	5,491	13,727	5,491	1,348
2	13,670	5,468	13,670	5,468	1,230

PROPERTY 28,644 0.658	PROPERTY AREAS	AREA (SF)	AREA (AC)
	PROPERTY	28,644	0.658

	NET LOT AREA (SF)	LOT WIDTH (FT)	LOT DEPTH (FT)
ZONE MINIMUM REQUIREMENT	9,600	75.00	80.00
LOT 1	13,727	115.03	130.20
LOT 2	13,670	104.99	130.22

## LEGAL DESCRIPTION:

PARCEL A: (TAX PARCEL NO. 759810-0420-03)

THE EAST 220 FEET OF LOT 1, BLOCK 13, VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 7 OF PLATS, PAGE 76, RECORDS OF KING COUNTY,

EXCEPT THE NORTH 110 FEET OF SAID LOT 1.

SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

PARCEL B: (TAX PARCEL NO. 759810-0421-02)

LOTS 1 AND 2, BLOCK 13, VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, AS PER PLAT RECORDED IN VOLUME 7 OF PLATS, PAGE 76, RECORDS OF KING COUNTY, WASHINGTON; EXCEPT THE EAST 220 FEET OF SAID LOTS 1 AND 2;

AND EXCEPT THE NORTH 110 FEET OF THE WEST 70 FEET OF THE EAST 290 FEET OF SAID LOT 1. SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

## **VERTICAL DATUM:**

## TITLE RESTRICTIONS:

1. THESE PARCELS (SITE) ARE SUBJECT TO COVENANTS, CONDITIONS, RESTRICTIONS, RECITALS, RESERVATIONS, EASEMENTS, EASEMENT PROVISIONS, DEDICATIONS, BUILDING SETBACK LINES, NOTES, STATEMENTS, AND OTHER MATTERS, IF ANY, BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, OR SOURCE OF INCOME, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH ON THE PLAT OF VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, AS RECORDED UNDER RECORDING NUMBER

2. THESE PARCELS (SITE) ARE SUBJECT TO COVENANTS, CONDITIONS AND RESTRICTIONS BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, SOURCE OF INCOME, GENDER, GENDER IDENTITY, GENDER EXPRESSION, MEDICAL CONDITION, OR GENETIC INFORMATION, AS SET FORTH IN APPLICABLE STATE OR FEDERAL SAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH IN DOCUMENT RECORDED MAY 16, 1972 UNDER

3. THESE PARCELS (SITE) ARE SUBJECT TO CITY, COUNTY, OR LOCAL IMPROVEMENT DISTRICT ASSESSMENTS, IF ANY.

## BENCHMARK:

PARCEL A AND B:

FOUND COPPER TACK IN LEAD IN 4"X4" CONCRETE MONUMENT, DOWN 0.6' IN CASE, AT THE INTERSECTION OF 86TH AVENUE SE AND SE 47TH STREET. GNSS OBSERVATION OF MONUMENT PRODUCED THE ELEVATION OF 317.158'.

## **REFERENCES:**

1. (P) PLAT OF VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, VOLUME 7 OF PLATS, PAGE 76

2. (P2) PLAT OF HILL HIGH ESTATES, VOLUME 68 OF PLATS, PAGE 28

3. (P3) PLAT OF DANIEL'S ADDITION, VOLUME 72 OF PLATS, PAGE 60

- 4. RECORD OF SURVEY, AFN 20201203900015
- 5. RECORD OF SURVEY, AFN 20180228900009
- 6. RECORD OF SURVEY, AFN 9006149020
- 7. RECORD OF SURVEY, AFN 20050321900011
- 8. RECORD OF SURVEY, AFN 20080208900017

## FIRE MARSHAL NOTE:

ALL BUILDING PERMITS ARE SUBJECT TO MEETING CURRENT FIRE CODE REQUIREMENTS AT THE TIME OF A COMPLETE SUBMITTAL, INCLUDING FIRE APPARATUS ACCESS AS OUTLINED IN ADOPTED CODE SECTIONS OF THE INTERNATIONAL FIRE CODE APPENDIX D. FIRE PLAN REVIEWS WILL BE CONDUCTED AT THE TIME OF BUILDING PERMIT SUBMITTAL AND MAY REQUIRE ADDITIONAL FIRE PROTECTION SYSTEMS AND/OR ADDITIONAL FIRE PREVENTION MEASURES FOR BUILDING APPROVAL.



GRAPHIC SCALE

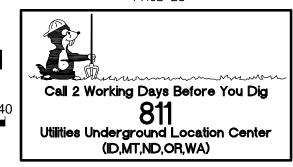
1 INCH = 20 FT.

10 20

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# BASIS OF BEARINGS:

NORTH 01'01'21" EAST BETWEEN THE MONUMENTS FOUND AT THE INTERSECTION OF 86TH AVENUE SE AND SE 47TH STREET, AND IN THE CENTERLINE OF 86TH AVENUE SE AND CUL-DE-SAC, AS SHOWN ON THE PLAT OF HILL HIGH ESTATES, VOLUME 68 OF PLATS,



PROJECT NO.: **21071** DRAWING: C1

D.R. STRONG **CONSULTING ENGINEERS** 

ENGINEERS PLANNERS SURVEYORS

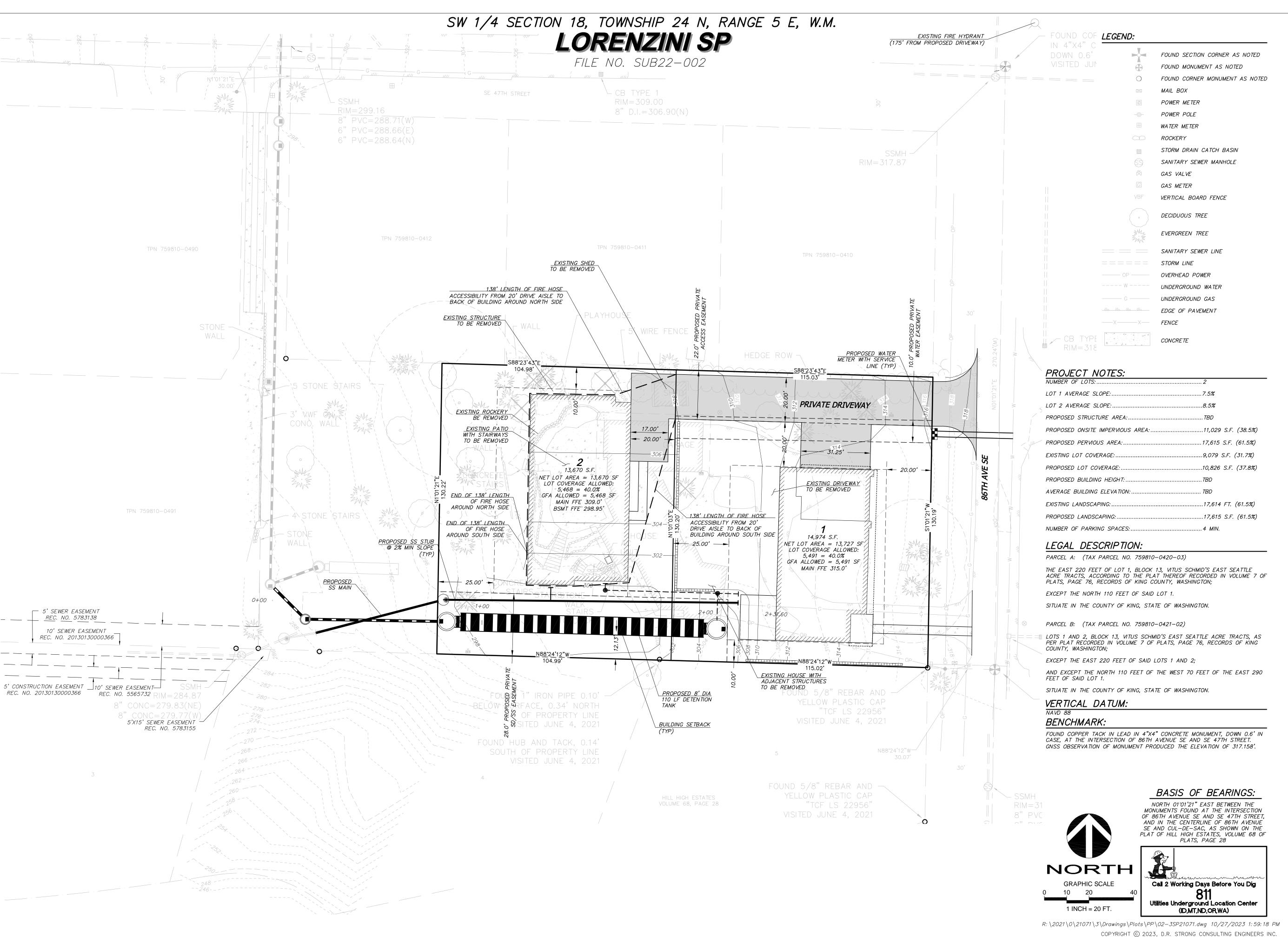
620 - 7th AVENUE KIRKLAND, WA 98033 O 425.827.3063 F 425.827.2423



DA 12. 07. 08.

DRAFTED BY: **JSE** DESIGNED BY: **JSE** PROJECT ENGINEER: **MAJ** DATE: **12.20.21** 

SHEET: 1 OF 4





D.R. STRONG CONSULTING ENGINEERS ENGINEERS PLANNERS SURVEYORS

> 620 - 7th AVENUE KIRKLAND, WA 98033 O 425.827.3063 F 425.827.2423

> > SITE PLAN 9 86TH AVENUE SE

SITE PLAI 4719 86TH AVEN MERCER ISLAND, W PARCEL NO. 759

TODD SHERMAN
ESIGN BUILT HOMES
100 SE 8TH STREET, SUITE 418



APR MAJ MAJ MAJ

> REVS. PER AGENCY COMMEI REVS. PER AGENCY COMMEI REVISED ARBORIST REPORT PER AGENCY COMMENTS

DATE 12.09.22 07.18.23 08.11.23 10.27.23

DRAFTED BY: JSE

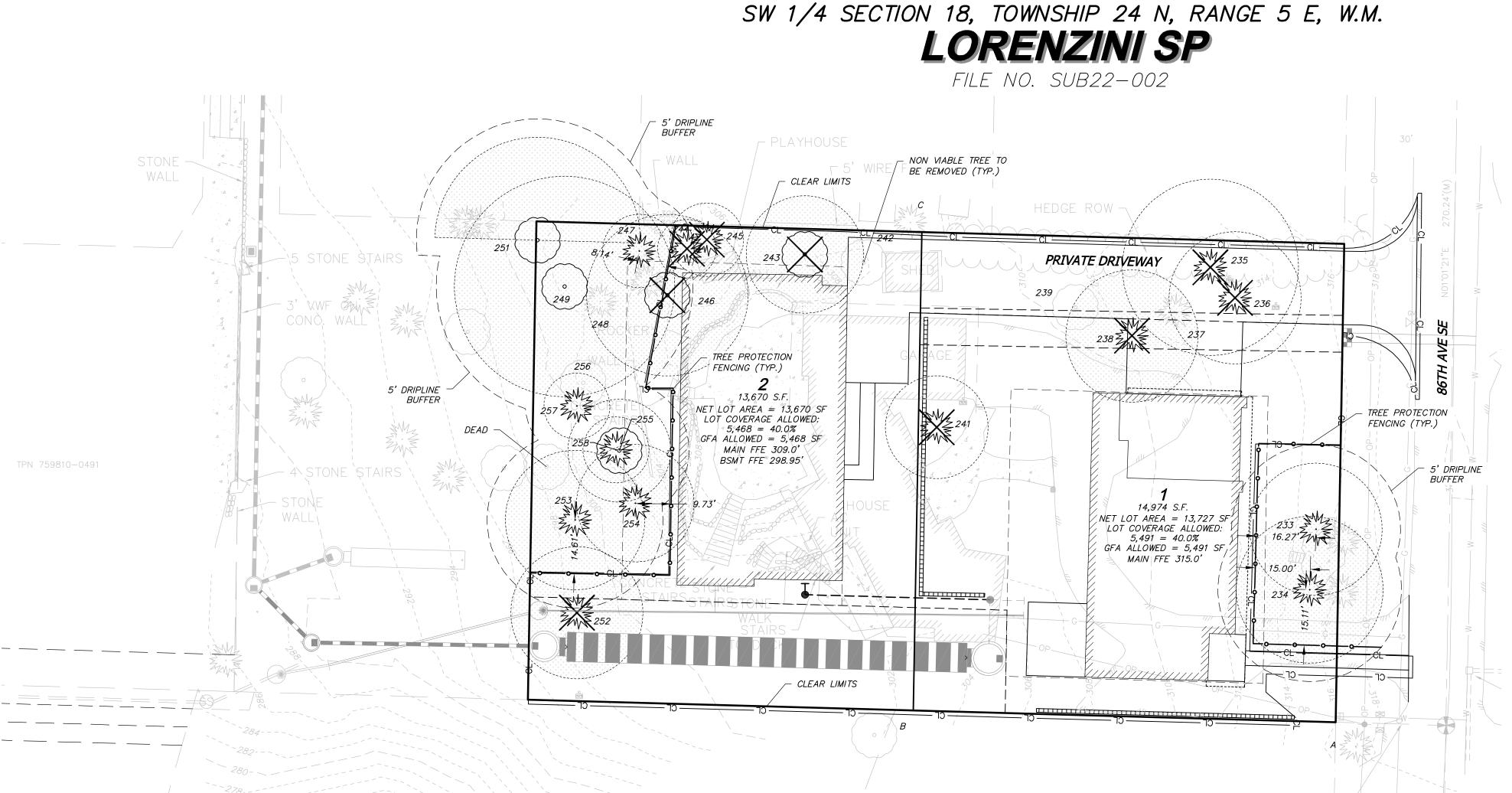
DESIGNED BY: JSE

PROJECT ENGINEER: MAJ

DATE: 12.20.21

PROJECT NO.: 21071

DRAWING: **C2**SHEET: **2** OF **4** 



TRFF RFPI ACEMENT TABLE

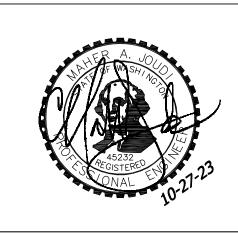
THEE THE ENGLISH THEE										
DIAMETER OF REMOVED TREE (MEASURES 4.5 FEET ABOVE GROUND)	TREE REPLACEMENT RATIO	NUMBER OF TREES PROPOSED FOR REMOVAL	NUMBER OF TREES REQUIRED FOR REPLACEMENT BASED ON SIZE/TYPE							
LESS THAN 10–INCHES AND NON–VIABLE TREES	S 0 0									
10-INCHES UP TO 24-INCHES	2	6								
GREATER THAN 24-INCHES UP TO 36-INCHES	1-INCHES UP TO 3 2 6									
GREATER THAN 36—INCHES AND ANY EXCEPTIONAL TREE	6	4	24							
TOTAL REQUIRED TREE REPLACEMENT: 36 REQUIRED										

\ \ \ \		86TH AV										column of decay @ root crown up to 12' towards west, 3 calloused wounds towards west, free flowing sap
	TREE PROT			6 :	238	Douglas fir	24	24	18	Υ	Fair	Exposed roots, moss and lichen, previous top loss, dead wood, broken branches, elongated branches
ZM.		5' DRIPLINE BUFFER	;	7 :	239	Bigleaf maple	38	38	38		Fair	Calloused wound @ 6' towards south, exposed roots, decay in roots towards north, dead wood, broken branches, grade lowered 3' towards east
E.			[	8	241	Scots pine	13	13	14		ОК	Typical of species
Mi			9	9	242	Bigleaf maple	16	16	14		Fair	Vertical crack @ 3' up to 10 towards south, co-dominant leaders with included bark x3 @ 10'
15.1.'N			1	10	243	Bigleaf maple	10, 8, 14, 15	24	16		ок	Co-dominant leaders with included bark x4 @ root crown, moss and lichen, typical of species
( )	Q CL		1	11	244	White pine	15	15	8		ОК	Serpentine trunk, dead wood, broken branches, typical of species
	CT		1	12	245	White pine	19	19	10		ОК	Dead wood, broken branches, a towards east, typical of species
OP	318-9		1	13	246	Bigleaf maple	17, 18	25	22		ок	Co-dominant leaders with included bark x2 @ 2', asymmetric canopy towards south, typical of species
	A		1	14	247	White pine	11	11	10		ОК	Suppressed canopy, dead wood, broken branches, typical of species
	D D		1	15	248	Douglas fir	19	19	18		Fair	Epicormic branch formation @ 25' towards south, previous top loss, elongated branches, serpentine trunk, asymmetric canopy towards south
"w_/ 07'			1	16	249	Bigleaf maple	16, 44	47	30	Y	Fair	Co-dominant leaders with included bark x2 @ 4', exposed roots, calloused wound, dead wood, broken branches, asymmetric canopy towards north
			1	17	251	Bigleaf maple	26	26	28 north only		ок	Asymmetric canopy towards north, typical of species, dead wood, mos and lichen
			1	18	252	Douglas fir	28	28	18	Y	Fair	Self-corrected lean towards south, fill over crown, abnormal bark, popping bark, previous top loss, elongated branches, typical of species, dead wood, broken branches
			1	19 :	253	Douglas fir	36	36	19		ок	Dead wood, broken branches, previous top loss, carpenter ants bark only
			2	20 2	254	Douglas fir	36, 28	45.5	16		ок	Co-dominant leaders with included bark x2 @ 1', previous top loss @ 50', strong laterals, dead wood, broken branches, abnormal bark, popping bark, woodpecker activity
			2	21	255	Douglas fir	16	16	14	Y	Fair	Abnormal bark, shedding bark, popping bark, topped @ 50', strong lateral, low live crown ratio <10%
			2	22	256	Bigleaf maple	36, 24	43.5	26		Poor	Co-dominant leaders with included bark x2 @ 1', dead scaffolds, dead wood, cavity @ 3' toward north
			2	23	257	Incense cedar	8, 9	12	9		ОК	Co-dominant leaders with included bark x2 @ 3', typical of species
						Incense	18				ОК	Typical of species



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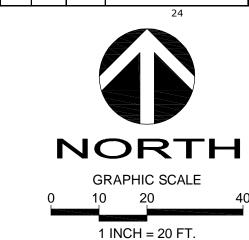
TODD SHERMAN DESIGN BUILT HOMES



09.22 18.23 11.23 27.23 DA 12. 07. 08.

DRAFTED BY: **JSE** DESIGNED BY: JSE PROJECT ENGINEER: MAJ DATE: **12.20.21** PROJECT NO.: **21071** 

DRAWING: C3 SHEET: 3 OF 4



Defects/Comments

Self-corrected lean

owards west, dead wood,

broken branches, dead twigs, typical of species Debris over crown, previou op loss, coning, dead wood broken branches, typical of

Previous ivy @ root crown up to 50', typical of species, symmetric canopy towards

Self-corrected lean towards north, serpentine trunk, colominant leaders with included bark x2 @ 30' owards north, strong eader, reaction wood, norizontal crack @ 25',

OK Typical of species

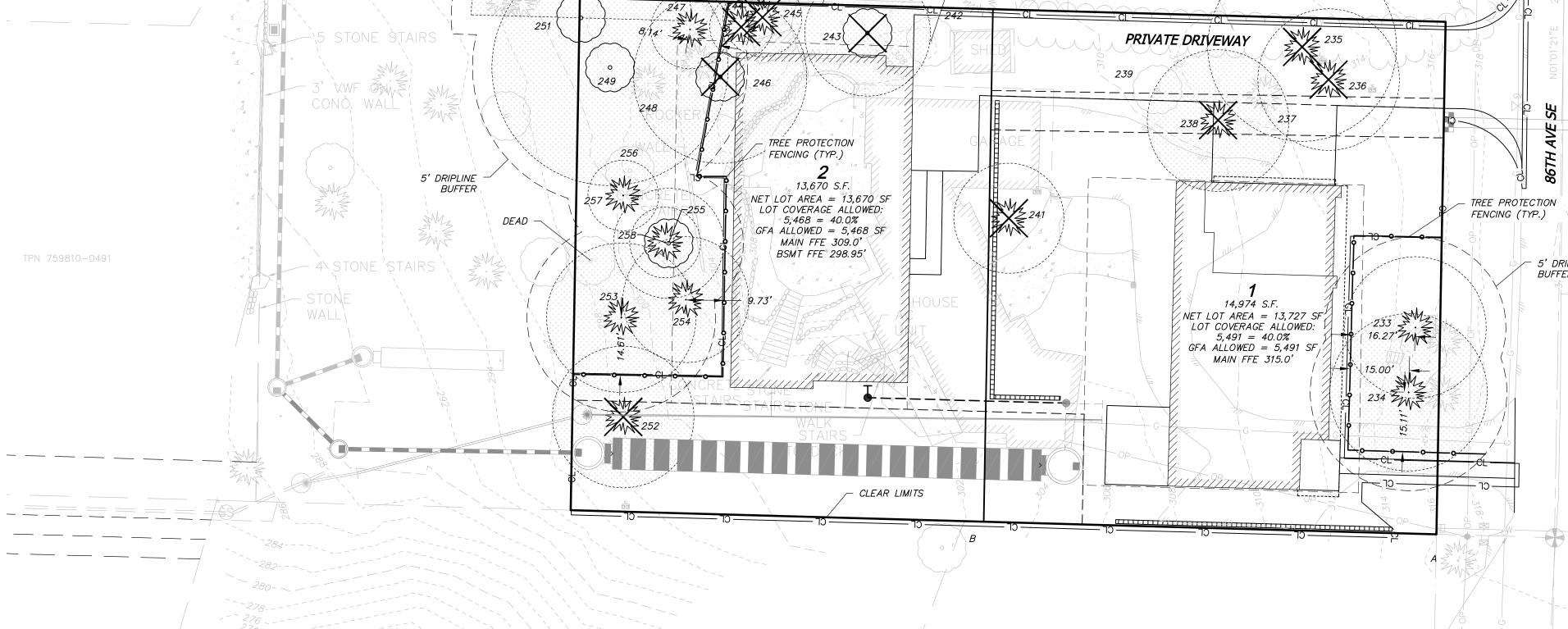
Call 2 Working Days Before You Dig **Utilities Underground Location Center** (ID,MT,ND,OR,WA)

30 30 21 30 Y 1 1 1

28 28 28 28 Y 1 1 1 1

1 | 18 | 18 | 18 | 18 | Y | 1 | 1 |

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TREE RETENTION CALCULATION TOTAL ONSITE TREES: TOTAL VIABLE ONSITE TREES: TOTAL NUMBER OF EXCEPTIONAL TREES: REQUIRED TREE CREDITS: 30% X 24 TREES: PROPOSED VIABLE TREES RETAINED: 10/52.6%

OFFSITE TREE

DRIPLINE OF EXCEPTIONAL, VIABLE TREE

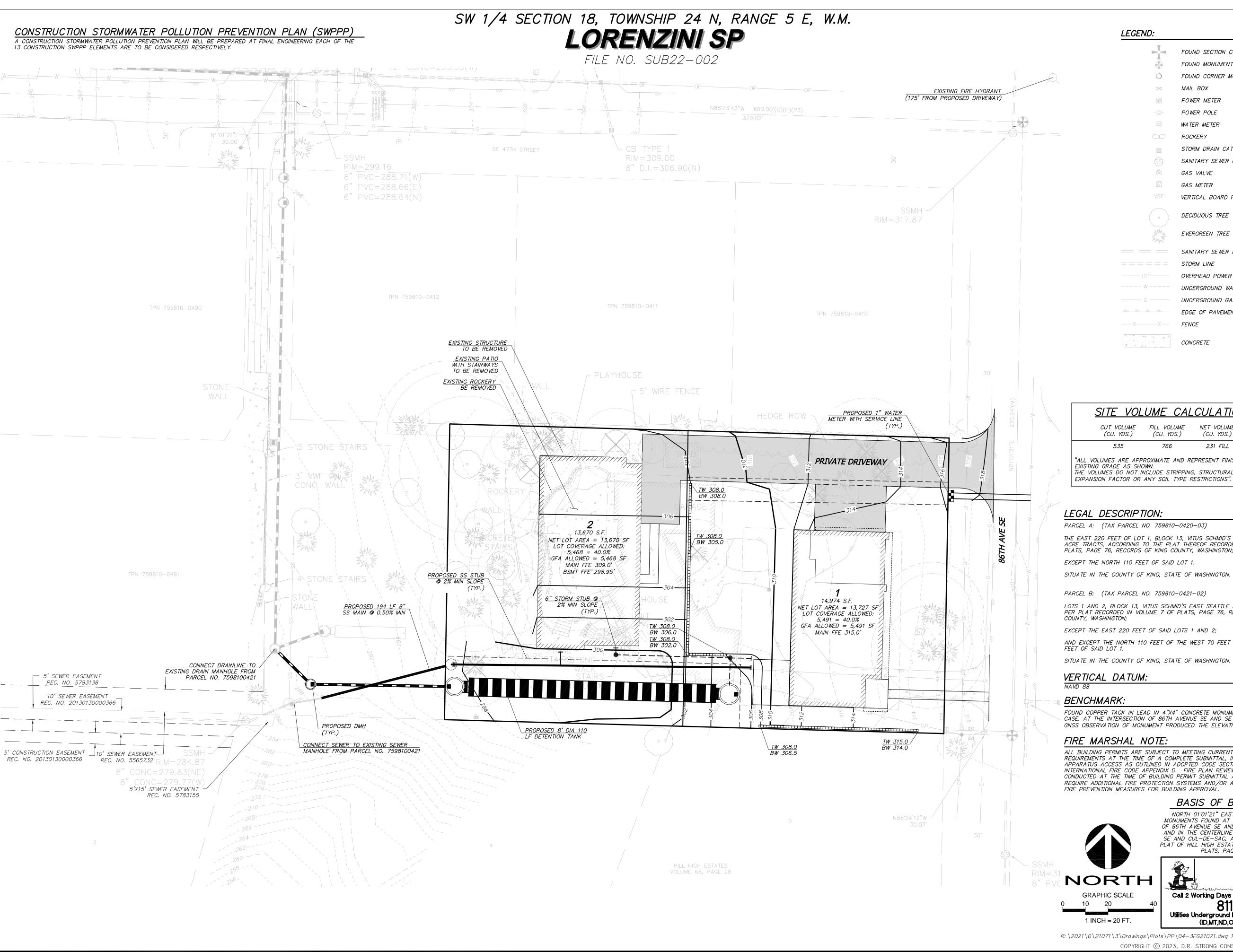
CLEARING LIMIT NOTE

CLEARING LIMITS AND TREE PROTECTION FENCING ALONG WEST SIDE OF LOT 2 ARE TO BE COINCIDENTAL. SPACE SHOWN FOR CLARITY OF LINETYPES ONLY.

NON VIABLE TREE TO BE REMOVED

TREE RETENTION NOTE

ANY CONSTRUCTION WITHIN THE DRIPLINE OF A TREE TO BE RETAINED WILL REQUIRE AN AIR EXCAVATION ANALYSIS TO DETERMINE THAT THE TREE WILL NOT BE DAMAGED DURING CONSTRUCTION.



### LEGEND:

FOUND SECTION CORNER AS NOTED FOUND MONUMENT AS NOTED FOUND CORNER MONUMENT AS NOTED

MAIL BOX POWER METER

POWER POLE WATER METER

> ROCKERY STORM DRAIN CATCH BASIN

SANITARY SEWER MANHOLE

GAS VALVE

GAS METER

VERTICAL BOARD FENCE

DECIDUOUS TREE

EVERGREEN TREE

SANITARY SEWER LINE STORM LINE

OVERHEAD POWER

UNDERGROUND WATER UNDERGROUND GAS EDGE OF PAVEMENT

*FENCE* 

CONCRETE

## SITE VOLUME CALCULATIONS

FILL VOLUME (CU. YDS.) (CU. YDS.) (CU. YDS.)

"ALL VOLUMES ARE APPROXIMATE AND REPRESENT FINISH GRADE TO EXISTING GRADE AS SHOWN. THE VOLUMES DO NOT INCLUDE STRIPPING, STRUCTURAL EXCAVATION,

PARCEL A: (TAX PARCEL NO. 759810-0420-03)

THE EAST 220 FEET OF LOT 1, BLOCK 13, VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 7 OF PLATS, PAGE 76, RECORDS OF KING COUNTY, WASHINGTON;

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SITUATE IN THE COUNTY OF KING, STATE OF WASHINGTON.

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LOTS 1 AND 2, BLOCK 13, VITUS SCHMID'S EAST SEATTLE ACRE TRACTS, AS PER PLAT RECORDED IN VOLUME 7 OF PLATS, PAGE 76, RECORDS OF KING

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FOUND COPPER TACK IN LEAD IN 4"X4" CONCRETE MONUMENT, DOWN 0.6' IN CASE, AT THE INTERSECTION OF 86TH AVENUE SE AND SE 47TH STREET. GNSS OBSERVATION OF MONUMENT PRODUCED THE ELEVATION OF 317.158'.

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R: \2021\0\21071\3\Drawings\Plots\PP\04-3FG21071.dwg 10/27/2023 2:05:04 PM COPYRIGHT © 2023, D.R. STRONG CONSULTING ENGINEERS INC.



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TODD SHERMAN ESIGN BUILT HOMES



APF MAS MAS MAS

7E 09.22 18.23 11.23 27.23 DA 12. 07. 08.

DRAFTED BY: **JSE** DESIGNED BY: JSE PROJECT ENGINEER: MAJ DATE: **12.20.21** PROJECT NO.: 21071

DRAWING: C4 SHEET: 4 OF 4