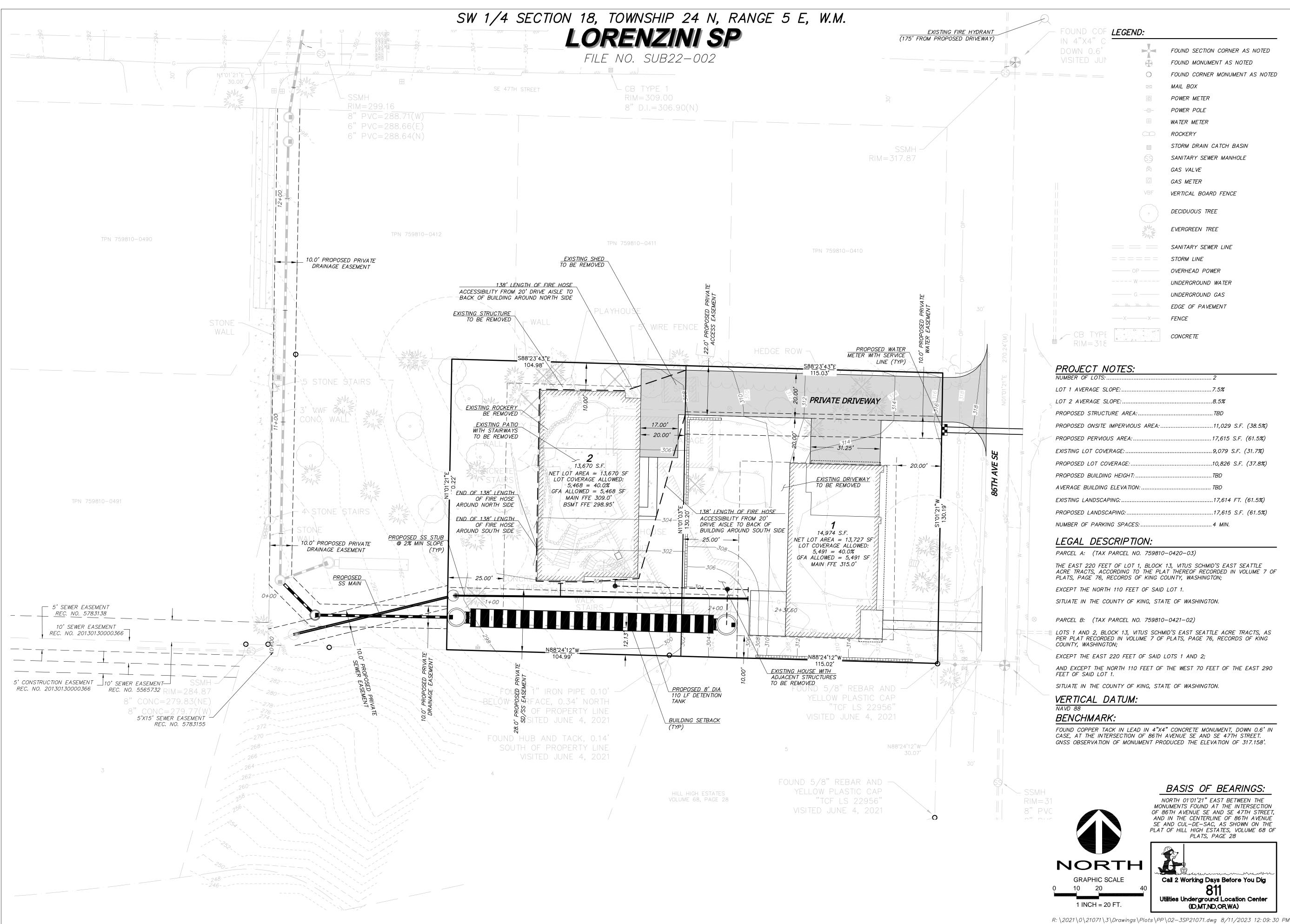


SE 46th SE SE 46th SE 56th SE SE 56th SE SE 56th SE SE 56th SE SE 56th SE SE 56th SE 56t			CONSUL ENGINEERS 620 - 7th AV	R. STRONG TING ENGINEERS PLANNERS SURVEYORS ENUE KIRKLAND, WA 98033 27.3063 F 425.827.2423
ANTTODD SHERMAN DESIGN BUILT HOMES 11400 SE 8TH STREET, SUITE BELLEVUE, WA 98004 (206) 909–8187 TODD@LUXURYDBH.COM D.R. STRONG CONSULTING END			LORENZINI SP	TITLE SHEET 4719 86TH AVENUE SE MERCER ISLAND, WASHINGTON PARCEL NO. 7598100420
CONTACT: MAHER A. JOUDI, P. 	3 E. SINEERS, INC. 3 FF, P.L.S. COM		TODD SHERMAN DESIGN BUILT HOMES	11400 SE 8TH STREET, SUITE 415 BELLEVUE, WASHINGTON 98004 206-909-8187
	20 F. (0.658 ACRES) F. (0.572 ACRES) F. (38.5%) F. (61.5%) . (31.7%)	MAX. HARDSCAPE (9%) (SF) 1,348 1,230		A STATE BORNEL AND
	BASIS OF BI NORTH 01'01'21" EAS NONUMENTS FOUND AT TH 6TH AVENUE SE AND SE N THE CENTERLINE OF 86 CUL-DE-SAC, AS SHOWN HILL HIGH ESTATES, VOL PAGE 2 Call 2 Working Days E	T BETWEEN THE HE INTERSECTION OF 47TH STREET, AND TH AVENUE SE AND I ON THE PLAT OF UME 68 OF PLATS,	DRAFTED DESIGNED	08.11.23 REVISED ARBORIST REPORT

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SHEET: **1** OF **4**



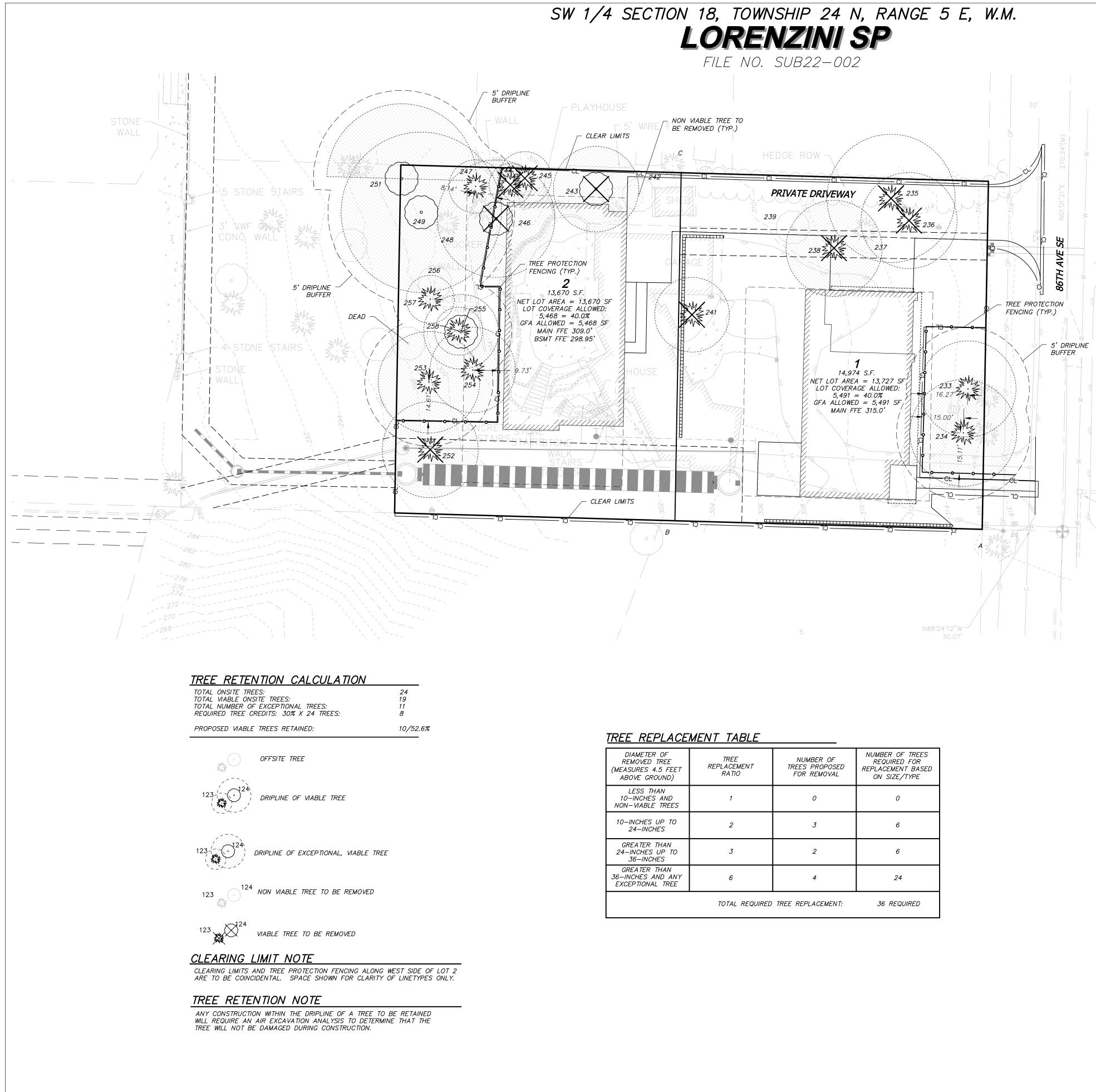
- FOUND COF	LEGEND:	
IN 4"X4" C Down 0.6'		FOUND SECTION CORNER AS NO
VISITED JUN		FOUND MONUMENT AS NOTED
	0	FOUND CORNER MONUMENT AS
		MAIL BOX
	Ć	POWER METER
	-@-	POWER POLE
		WATER METER
		ROCKERY
		STORM DRAIN CATCH BASIN
	S	SANITARY SEWER MANHOLE
	©⊻	GAS VALVE
	G	GAS METER
	VBF	VERTICAL BOARD FENCE
	•	DECIDUOUS TREE
	M	EVERGREEN TREE
		SANITARY SEWER LINE
	=====	STORM LINE
	OP	OVERHEAD POWER
	W	UNDERGROUND WATER
	G	UNDERGROUND GAS
		EDGE OF PAVEMENT
	XX	FENCE
CB TYPE		CONCRETE

	NUMBER OF LOTS:	2
	LOT 1 AVERAGE SLOPE:	7.5%
5	LOT 2 AVERAGE SLOPE:	8.5%
	PROPOSED STRUCTURE AREA:	<i>TBD</i>
	PROPOSED ONSITE IMPERVIOUS AREA:	11,029 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:	TBD
	AVERAGE BUILDING ELEVATION:	. TBD
	EXISTING LANDSCAPING:	17,614 FT. (61.5%)
	PROPOSED LANDSCAPING:	17,615 S.F. (61.5%)
	NUMBER OF PARKING SPACES:	4 MIN.

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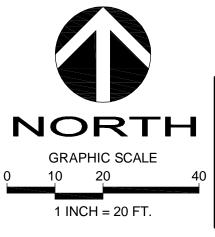
CONSUL ENGINEERS 620 - 7th AV	DRS DR. STRONG CONSULTING ENGINEERS ENGINEERS PLANNERS SURVEYORS 620 - 7th AVENUE KIRKLAND, WA 98033 0 425.827.3063 F 425.827.2423						
LORENZINI SP	SITE PLAN	4719 86TH AVENUE SE MERCER ISLAND, WASHINGTON PARCEL NO. 7598100420					
TODD SHERMAN DESIGN BUILT HOMES		11400 SE 8TH STREET, SUITE 415 BELLEVUE, WASHINGTON 98004 206-909-8187					
	A. A. A. A. A. A. A. A. A. A.	08-11-23					
DATE REVISION APR 12.09.22 REVS. PER AGENCY COMMENTS MAJ							
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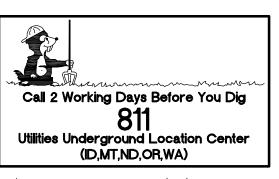
SHEET: **2** OF **4**



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	1	0	0			
10–INCHES UP TO 24–INCHES	2	3	6			
GREATER THAN 24–INCHES UP TO 36–INCHES	3	2	6			
GREATER THAN 36–INCHES AND ANY EXCEPTIONAL TREE	6	4	24			
TOTAL REQUIRED TREE REPLACEMENT: 36 REQUIRED						

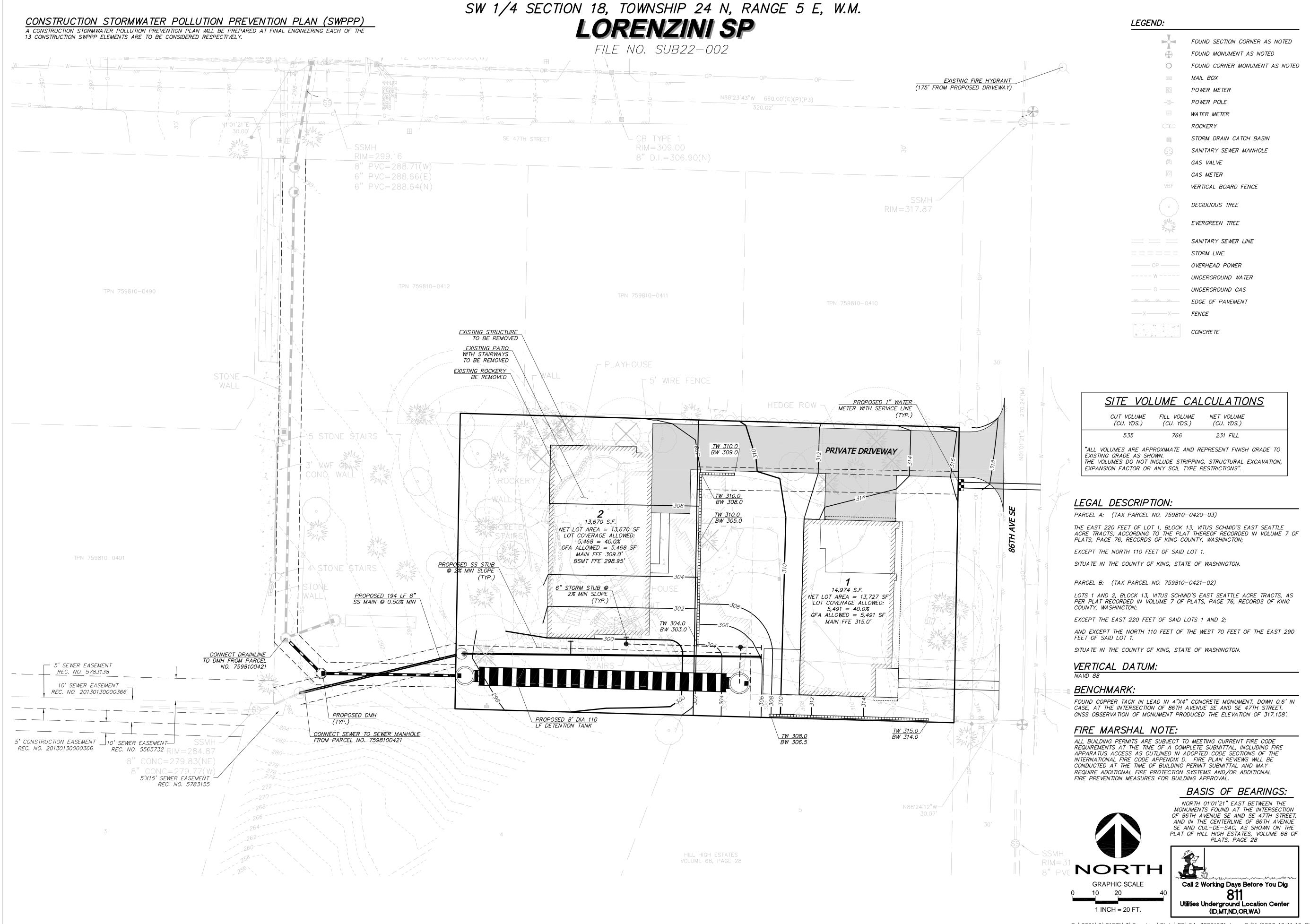
									F		Actio Rer	nove		RZ/TF adius			DBH >		S	S	
#	Tree Tag #	Species ID	DBH (in)	Adj. DBH (in)	Drip- line radius (ft)	Wind- firm	OK in Grove	Health	Defects/Comments	Viable	Non-viable	Construct	N	w	E	S	Exceptional tree D 24"	Value	Healthy Trees	Retained trees	Replacement
		Douglas									No	Ö									
1	233	fir	21	21	18			ОК	Typical of species Self-corrected lean	1			18	16	18	18	N	1	1	1	
2	234	Douglas fir	28	28	20			ок	towards west, dead wood, broken branches, dead twigs, typical of species	1			20	15	20	15	Y	1	1	1	
3	235	Douglas fir	22	22	24			ок	Debris over crown, previous top loss, coning, dead wood, broken branches, typical of species			1	24	24	24	24	N	1	1		2
4	236	Douglas fir	19	19	18			ок	Previous ivy @ root crown up to 50', typical of species, asymmetric canopy towards north			1	18	18	18	18	N	1	1		2
5	237	Douglas fir	19	19	16			Fair	Self-corrected lean towards north, serpentine trunk, co- dominant leaders with included bark x2 @ 30' towards north, strong leader, reaction wood, horizontal crack @ 25', column of decay @ root crown up to 12' towards west, 3 calloused wounds towards west, free flowing sap		1		16	16	16	16	N	1			
6	238	Douglas fir	24	24	18		Y	Fair	Exposed roots, moss and lichen, previous top loss, dead wood, broken branches, elongated branches			1	18	18	18	18	Y	1	1		1.1
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		1		38	38	38	38	Y	1			
8	241	Scots pine	13	13	14			ок	Typical of species Vertical crack @ 3' up to 10'			1	14	14	14	14	N	1	1		2
9	242	Bigleaf maple	16	16	14			Fair	towards south, co-dominant leaders with included bark x3 @ 10'		1		14	14	14	14	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			1	16	16	16	16	Y	1	1		3
11	244	White pine	15	15	8			ОК	Serpentine trunk, dead wood, broken branches, typical of species			1	8	8	8	8	N	1	1		(
12	245	White pine	19	19	10			ОК	Dead wood, broken branches, a towards east, typical of species Co-dominant leaders with			1	10	10	10	10	N	1	1		(
13	246	Bigleaf maple	17, 18	25	22			ок	included bark x2 @ 2', asymmetric canopy towards south, typical of species			1	22	22	22	22	Y	1	1		(
14	247	White pine	11	11	10			ок	Suppressed canopy, dead wood, broken branches, typical of species	1			10	10	10	10	N	1	1	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		1		18	18	18	18	N	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			30	30	21	30	Y	1	1	1	
17	251	Bigleaf maple	26	26	28 north only			ок	Asymmetric canopy towards north, typical of species, dead wood, moss and lichen	1			28	28	28	28	Y	1	1	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	18	18	18	18	Y	1	1		e
19	253	Douglas fir	36	36	19			ок	Dead wood, broken branches, previous top loss, carpenter ants bark only	1			19	19	7	19	¥	1	1	1	
20	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	1			16	16	16	16	Y	1	1	1	
21	255	Douglas fir	16	16	14		Y	Fair	Abnormal bark, shedding bark, popping bark, topped @ 50', strong lateral, low live crown ratio <10%	1			14	14	14	14	N	1	1	1	
22	256	Bigleaf maple	36, 24	43.5	26			Poor	Co-dominant leaders with included bark x2 @ 1', dead scaffolds, dead wood, cavity @ 3' towards north		1		26	26	26	26	Y	1			
23	257	Incense cedar	8, 9	12	9			ок	Co-dominant leaders with included bark x2 @ 3', typical of species	1			9	9	9	9	N	1	1	1	Γ
	1	1	ļ	I				ľ	typical of species	1							1				1





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CONSUL ENGINEERS 620 - 7th AV	R. STRONG TING ENGINEERS F PLANNERS SURVEYORS TENUE KIRKLAND, WA 98033 27.3063 F 425.827.2423
LORENZINI SP	TREE PLAN 4719 86TH AVENUE SE MERCER ISLAND, WASHINGTON PARCEL NO. 7598100420
TODD SHERMAN DESIGN BUILT HOMES	11400 SE 8TH STREET, SUITE 415 BELLEVUE, WASHINGTON 98004 206-909-8187
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DATE REVISION APR 12.09.22 REVS. PER AGENCY COMMENTS MAJ	
DESIGNED PROJECT DATE: 1	NO.: 21071 C3



	FOUND SECTION CORNER AS NOTED
	FOUND MONUMENT AS NOTED
0	FOUND CORNER MONUMENT AS NOT
	MAIL BOX
D	POWER METER
-©-	POWER POLE
	WATER METER
	ROCKERY
	STORM DRAIN CATCH BASIN
S	SANITARY SEWER MANHOLE
G∨	GAS VALVE
G	GAS METER
VBF	VERTICAL BOARD FENCE
0	DECIDUOUS TREE
MAN	EVERGREEN TREE
	SANITARY SEWER LINE
	STORM LINE
OP	OVERHEAD POWER
W	UNDERGROUND WATER
G	UNDERGROUND GAS
<u> </u>	EDGE OF PAVEMENT
XX	FENCE
7 4 47 4 <u>4</u> 4 4	CONCRETE

<u>SITE VOL</u>	UME CAL	<u>CULA TIONS</u>				
CUT VOLUME (CU. YDS.)	FILL VOLUME (CU. YDS.)	NET VOLUME (CU. YDS.)				
535	766	231 FILL				
"ALL VOLUMES ARE APPROXIMATE AND REPRESENT FINISH GRADE TO EXISTING GRADE AS SHOWN. THE VOLUMES DO NOT INCLUDE STRIPPING, STRUCTURAL EXCAVATION, EXPANSION FACTOR OR ANY SOIL TYPE RESTRICTIONS"						

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DRS DR. STRONG CONSULTING ENGINEERS ENGINEERS PLANNERS SURVEYORS 620 - 7th AVENUE KIRKLAND, WA 98033 0 425.827.3063 F 425.827.2423						
TORENZINI SP	CONCEPTUAL GRADING & UTILITY PLAN 4719 86TH AVENUE SE MERCER ISLAND, WASHINGTON PARCEL NO. 7598100420					
TODD SHERMAN DESIGN BUILT HOMES	11400 SE 8TH STREET, SUITE 415 BELLEVUE, WASHINGTON 98004 206-909-8187					
	ASSISTERE BELLES BELLES					
DATE REVISION APR 12.09.22 REVS. PER AGENCY COMMENTS MAJ 07.18.23 REVS. PER AGENCY COMMENTS MAJ 08.11.23 REVISED ARBORIST REPORT MAJ						
PROJECT DATE: 1	NO.: 21071					

SHEET: 4 OF 4