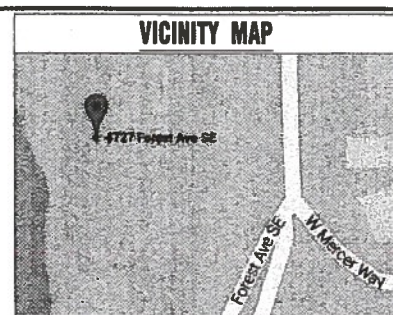


GENERAL NOTES

1. ASSUMED SOIL BEARING CAPACITY IS 2500 P.S.F.
2. FOOTINGS ARE TO REST ON UNDISTURBED SOIL
3. WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED
4. POSTS ARE TO BE ANCHORED AGAINST LATERAL MOVEMENT
5. PROVIDE 10 MIL. BLACK VAPOR BARRIER IN ENTIRE CRAWLSPACE
6. MIN. CLEARANCE FROM BEAMS TO SOIL IS 12"
7. MIN. CLEARANCE FROM JOISTS TO SOIL IS 16"
8. EXTEND FOUNDATION WALL 6" HIGHER THAN ADJACENT GRADE
9. DIMENSIONS ARE TO FACE OF FOUNDATION OR CL OF BEAM U.L.O.
10. PROVIDE SOLID BLOCKING AT ALL POINT LOADS FROM ABOVE
11. PROVIDE SOLID BLOCKING AT ALL SPANS GREATER THAN 10'-0"

GROSS FLOOR AREA

MAIN FLOOR AREA = 3,371 SF
 LOWER FLOOR AREA = 2,951 SF
 SUB-TOTAL HOUSE GROSS FLOOR AREA = 6,422 SF
 CRAWSPACE MECHANICAL ROOM + 120 SF
 POOL/SPA FLOOR AREA + 1,011 SF
 TOTAL RESIDENCE FLOOR AREA = 8,563 SF
 GARAGE FLOOR AREA + 738 SF
 TOTAL STRUCTURE GROSS FLOOR AREA = 7,291 SF (86.9%)



SITE NOTES

1. CONTRACTOR SHALL ESTABLISH WRITTEN AND PHOTOGRAPHIC RECORDS OF ELEVATIONS AND GRADES OF BUILDING AND LAND FEATURES OF ADJACENT HOMES AND GARAGES OF NEIGHBORS IMMEDIATELY TO THE EAST AND SOUTH AND NORTH OF 4727 FOREST AVE SE, MERCER ISLAND, WA.
2. CONTRACTOR SHALL MONITOR ITEMS PER CATEGORY 1.) ABOVE PERIODICALLY DURING CONSTRUCTION AND NOTIFY OWNER, ARCHITECT, GEOTECH, AND STRUCTURAL ENGINEER OF ANY DIFFERENTIAL SETTLEMENT DUE TO CONSTRUCTION ACTIVITY.
3. CONTRACTOR SHALL SUPERVISE EXCAVATOR, DEMOLITION SUB-CRONTACTOR, AND FOUNDATION INSTALLER SO AS TO MINIMIZE GROUND DISTURBANCE CAUSED BY THESE ACTIVITIES.

PROJECT INFORMATION

LEGAL DESCRIPTION: LAKE ISLE ADD ALL LOTS 7 & 8 LESS FOR LY ELY OF LN DAF - BAAP ON N LN OF LOT 8 LT 114 FT W OF NE COR THOF TH S 11 - 33 - 45 E TO S LN OF LOT 7 & TERMINUS OF SD DESC LN - TSW 2ND CL SH LNS ADJ

ZONING: R - 15
 TAX PARCEL NUMBER: 404500 - 0040
 LOT AREA: 18,714 SF (0.45 ACRES)
 OCCUPANCY: R - 2 (RESIDENTIAL)
 U (PRIVATE GARAGE)
 CONSTRUCTION TYPE: TYPE V - B

DRAWING SHEET INDEX

ST1	SITE PLAN/PROJECT NOTES	A12	DEMOLITION PLAN/SECTION	S1	FDR, LOWER FLOOR FRAMING
ST2	SITE PLAN/SITE DATA	A13	ARCHITECT SPECS/NOTES	S2	MAIN FLOOR/ROOF FRAMING
U-1	UTILITY/WFY LANDSCAPE PLANS	A14	ARCHITECT DETAILS	S3	STRUCTURAL DETAILS
A1	MAIN FLOOR PLAN	A15	ARCHITECT DETAILS	S4	STRUCTURAL DETAILS
A2	LOWER FLOOR PLAN	A16	ARCHITECT DETAILS	S5	SHOBBING WALL PLAN/DETAILS
A3	FOUNDATION/SBORING PLAN	A17	WINDOW/EQUIP SCHEDULES	C1	CIVIL SITE/DRIVEWAY PLAN
A4	LOWER FLOOR FRAMING PLAN	(sheets below deferred submittal)		C2	FDR/RAINAGE PLAN
A5	MAIN FLOOR FRAMING PLAN	A18	INTERIOR ELEVATIONS	C3	CIVIL ENGINEER DETAILS
A6	ROOF FRAMING PLAN	A19	INTERIOR ELEVATIONS		
A7	EXTERIOR ELEVATIONS	A20	INTERIOR DETAILS		
A8	EXTERIOR ELEVATIONS	A21	MAIN FLOOR FINISHES		
A9	BUILDING SECTIONS	A22	LOWER FLOOR FINISHES		
A10	BUILDING SECTIONS	E1	MAIN FLOOR ELECTRICAL		
A11	BUILDING SECTIONS	E2	LOWER FLOOR ELECTRICAL		

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 EM: RDCAHILL@AOL.COM

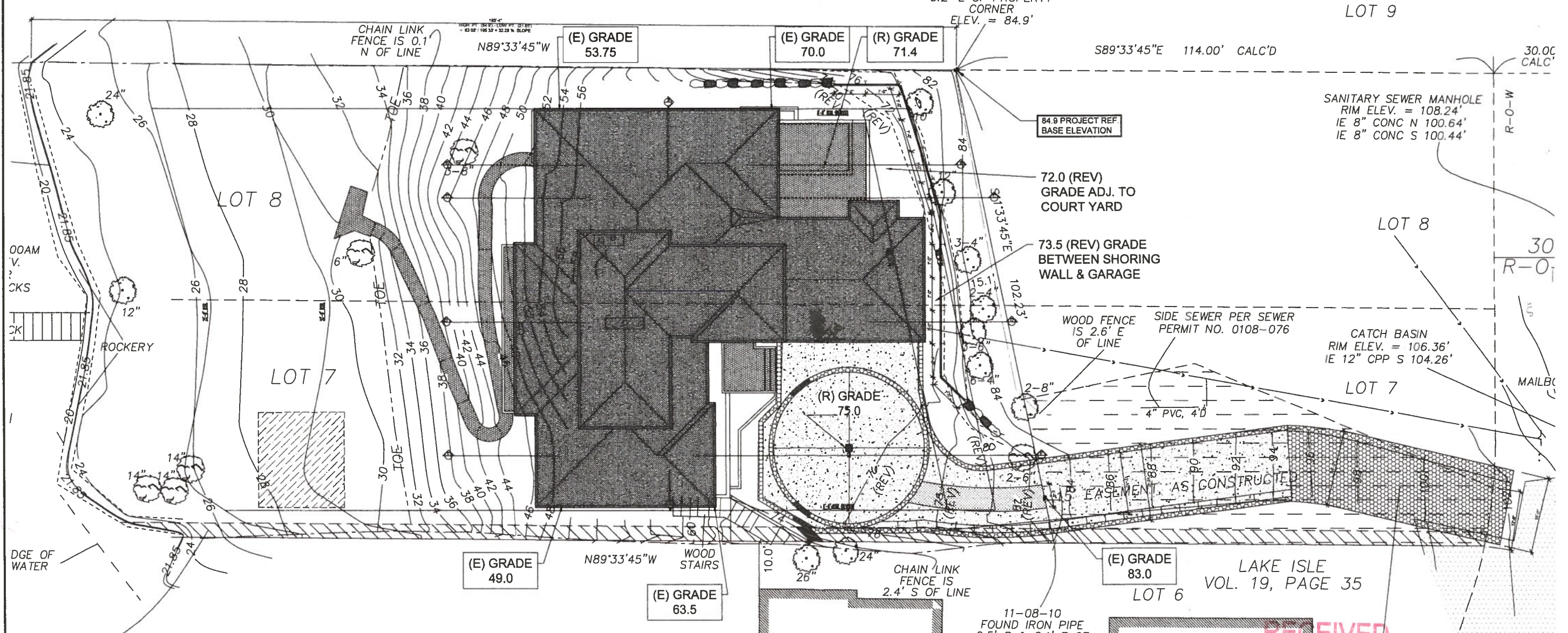
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 ARBOR OPTIONS
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CIVIL ENGINEER
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BUILDER
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 GREGERSON CUSTOM HOMES, INC
 PH: 425 883 2435
 EM: RICKG@GREGERSONCUSTOMHOMES.COM



UTILITY EASEMENT

TEM 7

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SITE PLAN
 SCALE: 1" = 10'-0"

11-08-10
 FOUND REBAR & CAP
 0.2' E OF PROPERTY
 CORNER
 ELEV. = 84.9'

11-08-10
 FOUND IRON PIPE
 0.5' S & 0.1' E OF
 PROPERTY CORNER
 ELEV. = 82.9'

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 JUN 29 2016

CITY OF MERCER ISLAND
 DEVELOPMENT SERVICE GROUP



DRAFTED : 06-28-2016

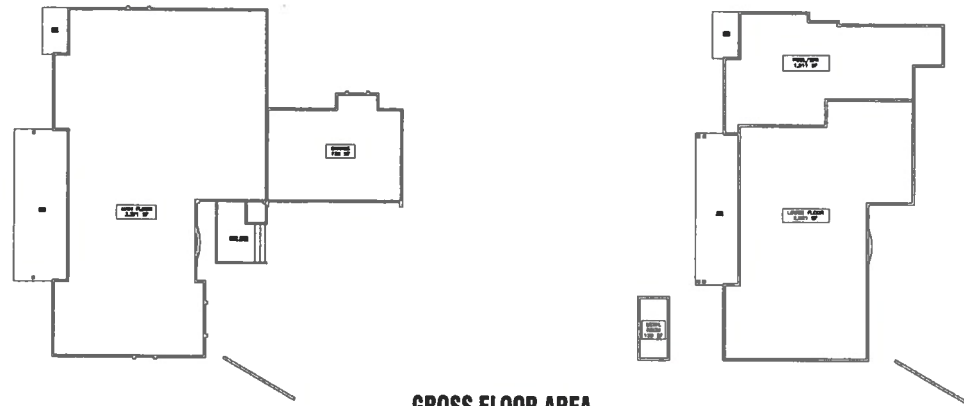
DAVID REED CAHILL, ARCHITECT
 ARCHITECTURE, PLANNING, PROJECT MANAGEMENT
 P.O. BOX 87, FREELAND, WA 98049

REGISTERED ARCHITECT
 STATE OF WASHINGTON
 No. 10000

NEW WATERFRONT RESIDENCE FOR DR. & MRS. NAFICY
 4727 FOREST AVE SE, MERCER ISLAND, WA 98049

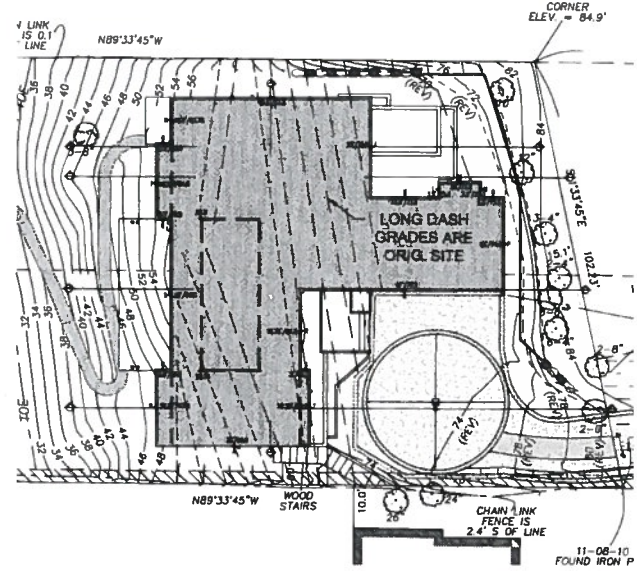
SITE PLAN INFO-PROJECT NOTES

ST1



GROSS FLOOR AREA

MAIN FLOOR AREA	=	3,371 SF
LOWER FLOOR AREA	+	2,051 SF
SUB-TOTAL HOUSE GROSS FLOOR AREA	=	5,422 SF
CRAWSPACE MECHANICAL ROOM	+	120 SF
POOL / SPA FLOOR AREA	+	1,011 SF
TOTAL RESIDENCE FLOOR AREA	=	6,553 SF
GARAGE FLOOR AREA	+	738 SF
TOTAL STRUCTURE GROSS FLOOR AREA	=	7,291 SF (36.88%)

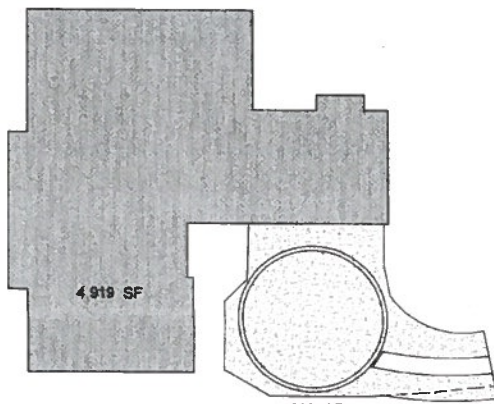


WALL POINT	LENGTH X ELEV	SUM
POINT A.	32' X 56'	1792
POINT B.	18.25' X 47'	857.75
POINT C.	3.5' X 49.5'	173.25
POINT D.	35' X 56'	1960
POINT E.	3.5' X 55'	192.5
POINT F.	18.25' X 54'	985.5
POINT G.	3.5' X 53.5'	187.25
POINT H.	10.5' X 53.75'	564.375
POINT I.	49.5' X 63.5'	3143.25
POINT J.	23' X 72.5'	1667.5
POINT K.	15.5' X 72.5'	1123.75
POINT L.	3.5' X 72.5'	253.75
POINT M.	10' X 73'	730
POINT N.	3.5' X 73'	255.5
POINT O.	5.5' X 73.5'	404.25
POINT P.	23' X 74'	1702
POINT Q.	47' X 75.5'	3548.5
POINT R.	18.75' X 64'	1200
POINT S.	2' X 64'	128
POINT T.	+ 18.25' X 64'	+ 1168
SUM	= 344'	= 22,037.125

SUM OF TOTAL ELEVATIONS = 22,037.125 = 64.06'
 SUM OF WALL SEGMENTS = 344'
 AVERAGE BUILDING ELEVATION = 64.06'

GROSS FLOOR AREA PLANS

SCALE: 1"=20'-0"



MAIN ROOF AREA	4,919 SF	-137 SF
DRIVEWAY AREA	1,699 SF	+55 SF
GRASS STRIP DEDUCT	-	137 SF
FIRE CODE WIDENING	+	55 SF
TOTAL IMPERVIOUS	=	6,536 SF (33.15% ACTUAL)
CABANA ROOF AREA	+	364 SF (AVAILABLE)
ALLOW. IMPERVIOUS	=	6,900 SF (30% + 5% ALLOW.)

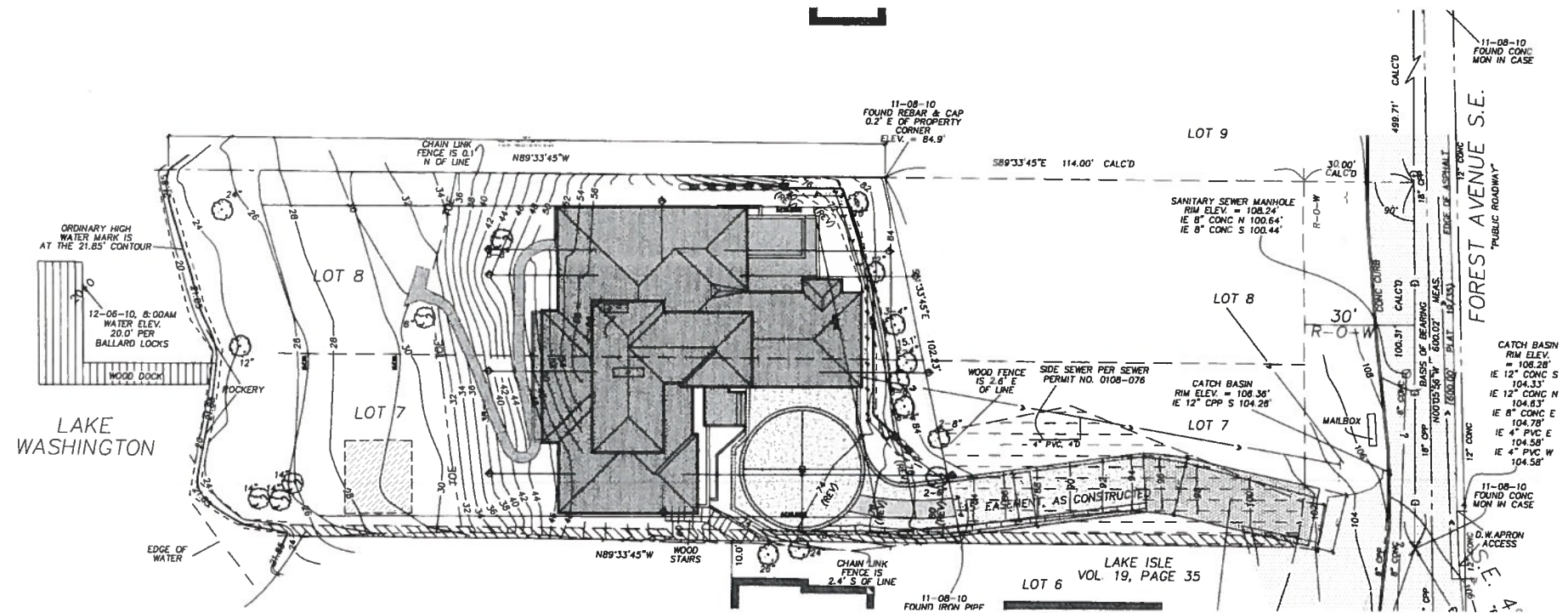
(19,713 SF X 35% OF LOT AREA = 6,900 SF)

IMPERVIOUS AREA PLAN

SCALE: 1"=20'-0"

ABE CALCULATION PLAN

SCALE: 1"=20'-0"



IMPERVIOUS AREA SITE PLAN

SCALE: 1"=20'-0"

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DAVID REED CAHILL ARCHITECT
 ARCHITECTURE - PLANNING - PROJECT MANAGEMENT
 P.O. BOX 87 FREELAND VA 22639

REGISTERED PROFESSIONAL ARCHITECT
 DAVID R. CAHILL
 STATE OF VIRGINIA
 4-30-17

NO.	DATE	REVISION
1		ISSUE FOR PERMITTING
2		ISSUE FOR PERMITTING
3		ISSUE FOR PERMITTING
4		ISSUE FOR PERMITTING
5		ISSUE FOR PERMITTING
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19		ISSUE FOR PERMITTING
20		ISSUE FOR PERMITTING

NEW WATERFRONT RESIDENCE FOR DR. & MRS. NAFCY
 4727 FOREST AVE SE, MERCER ISLAND WA 98040

SITE PLAN / SITE DATA

ST2

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