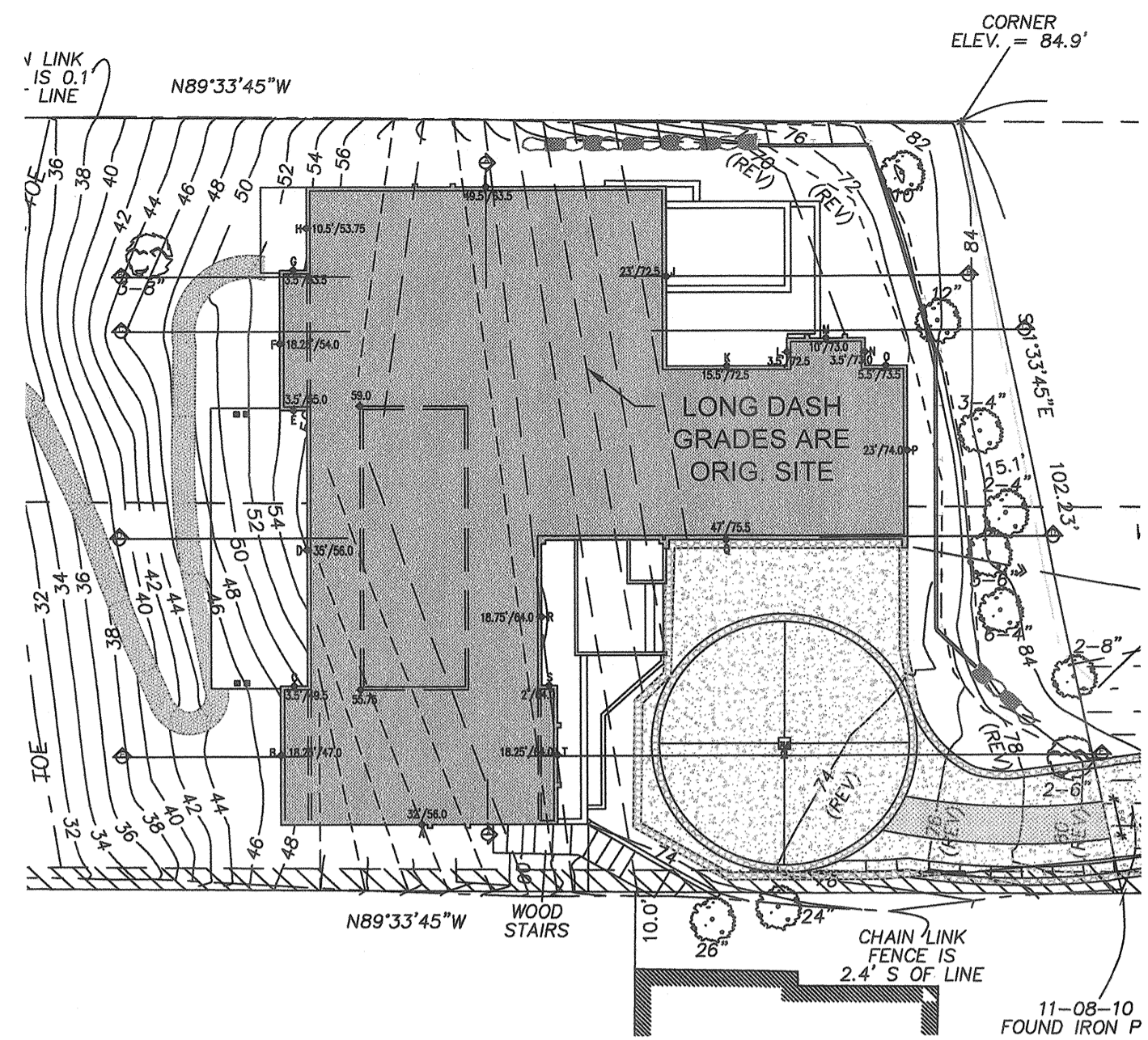


GROSS FLOOR AREA

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 (36.98%)

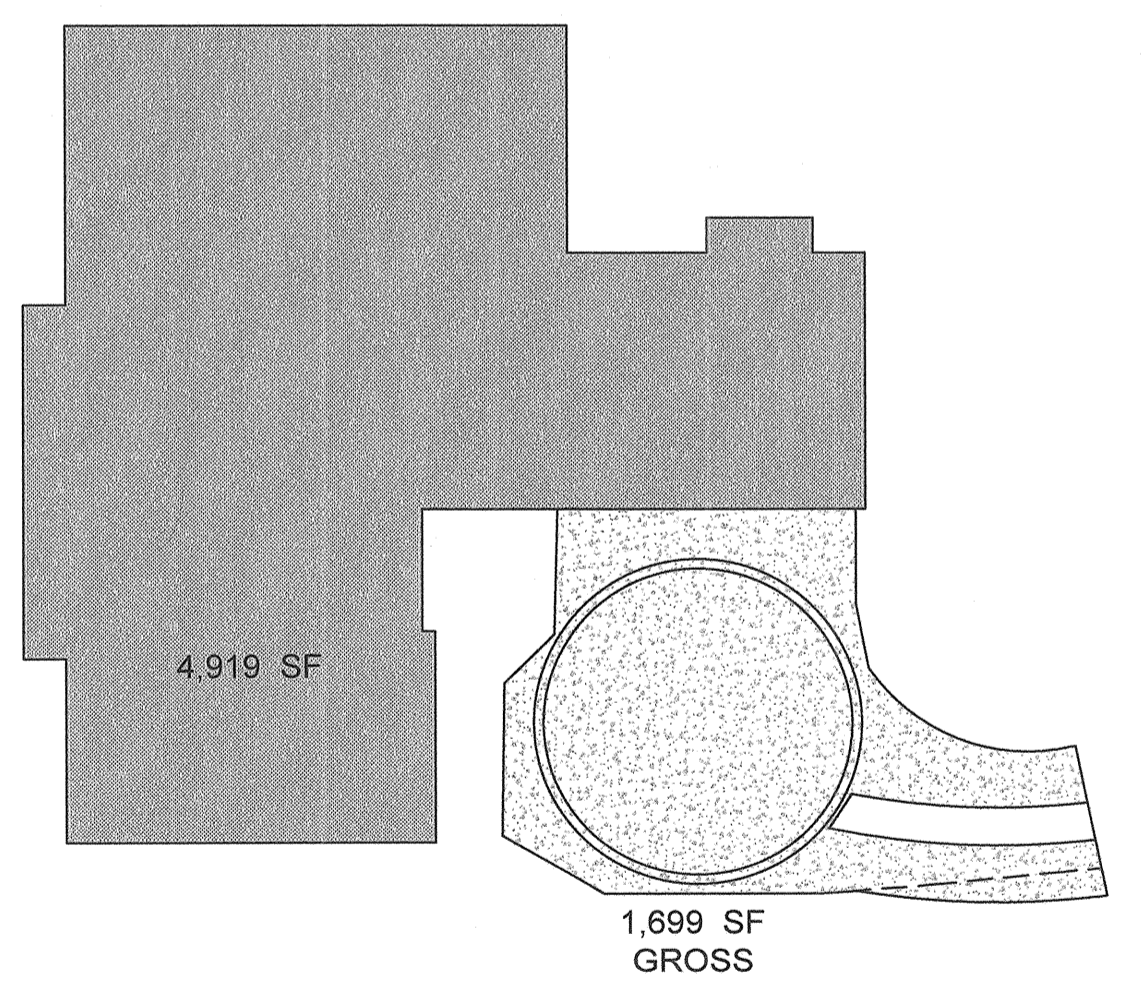


WALL POINT	LENGTH X ELEV	SUM
POINT A.	32' X 56'	1792
POINT B.	18.25' X 47'	857.75
POINT C.	3.5' X 49.5'	173.25
POINT D.	35' X 56'	1960
POINT E.	3.5' X 55'	192.5
POINT F.	18.25' X 54'	985.5
POINT G.	3.5' X 53.5'	187.25
POINT H.	10.5' X 53.75'	564.375
POINT I.	49.5' X 63.5'	3143.25
POINT J.	23' X 72.5'	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.)	

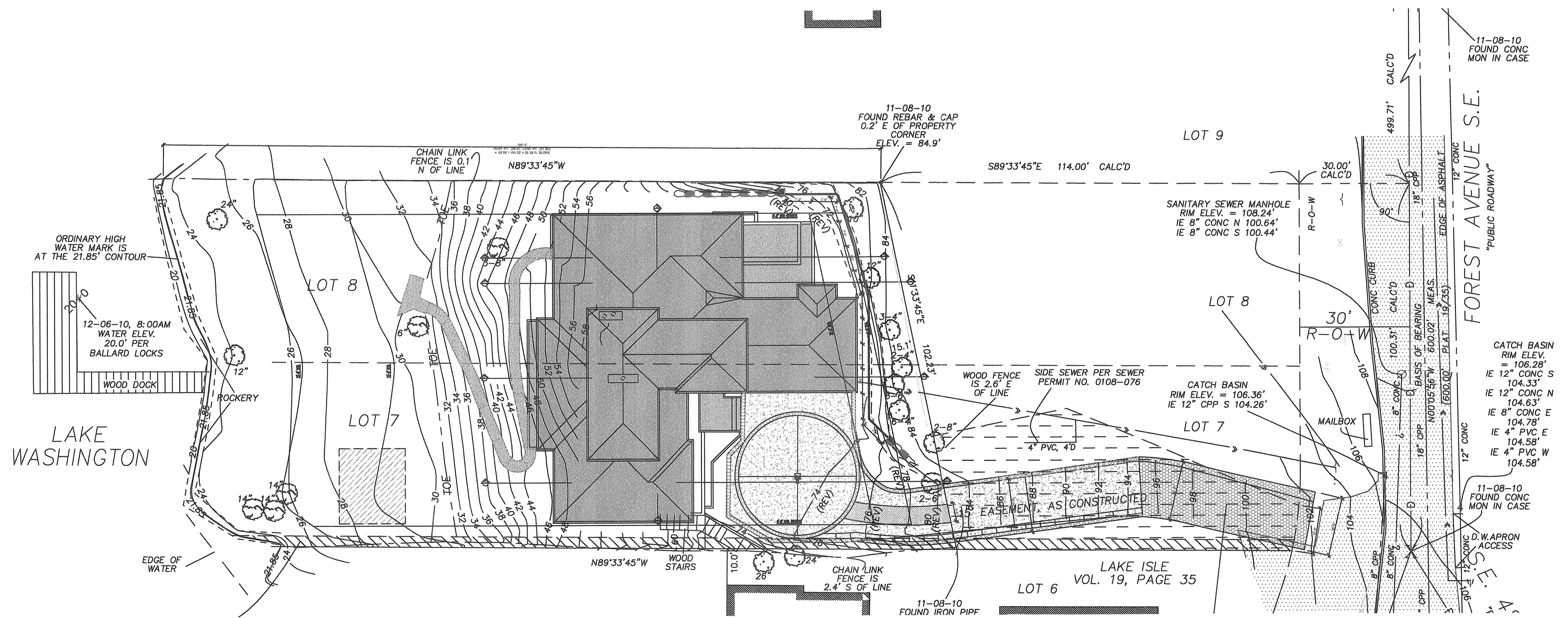
(19,713 SF X 35% OF LOT AREA = 6,900 SF)

IMPERVIOUS AREA PLAN

SCALE: 1"=20'-0"

ABE CALCULATION PLAN

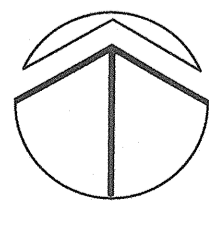
SCALE: 1"=20'-0"



IMPERVIOUS AREA SITE PLAN

SCALE: 1"=20'-0"

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DRAFTED : 06-28-2016

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

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

NO.	DATE	REVISION
1	10-11-10	OWNER/ARCHITECT CONTRACT MFG
2	08-11-10	PROGRESS DRAWINGS
3	01-27-10	PRE-APPLICATION MEETING

NEW WATERFRONT RESIDENCE FOR DR. & MRS. NAFICY
 4777 FOREST AVE SE, MERCER ISLAND, WA 98040

SITE PLAN / SITE DATA

ST2