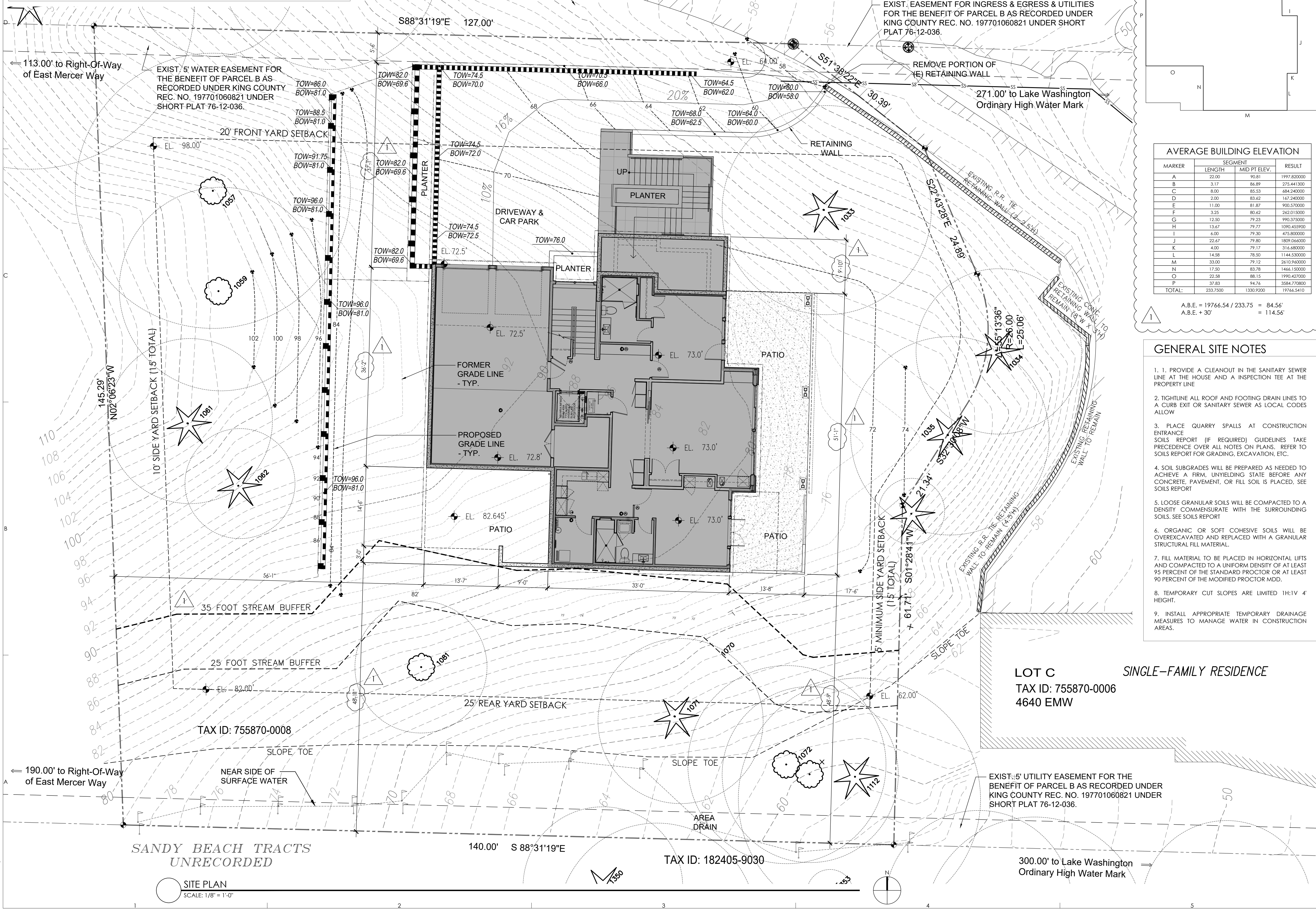


**SITE SLOPE CALCULATION**

NORTH PROPERTY LINE LOWEST POINT = 56.8' HIGHEST POINT = 92.0'	MID PROPERTY LOWEST POINT = 67.5' HIGHEST POINT = 110.0'	SOUTH PROPERTY LINE LOWEST POINT = 56.8' HIGHEST POINT = 79.0'
DIFFERENCE = 35.2'	DIFFERENCE = 42.5'	DIFFERENCE = 22.2'
DISTANCE = 127.00'	DISTANCE = 140.80'	DISTANCE = 140.00'
35.2 / 127.0 = 27.71% LOT SLOPE	42.5 / 140.80 = 26.43% LOT SLOPE	22.2 / 140.0 = 15.88% LOT SLOPE

NOTE:  
 REFER TO CIVIL SHEET 3 OF 4 FOR INFORMATION REGARDING  
 WATER SERVICE, GAS SERVICE, ELECTRICAL SERVICE, SANITARY  
 SEWER, AND STORM DRAINAGE

END OF 2 INCH PVC  
 STUBBED OUT FOR WATER  
 A HYDRANT IS N47°38'50"W  
 AT A DISTANCE OF 202.57'



**AVERAGE BUILDING ELEVATION**

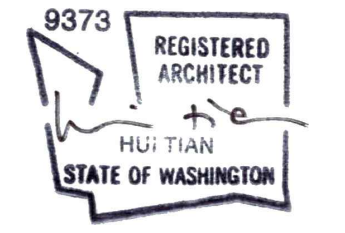
MARKER	SEGMENT	MID PT. ELEV.	RESULT
A	22.00	90.81	1997.820000
B	3.17	86.89	275.441300
C	8.00	85.53	684.240000
D	2.00	83.62	167.240000
E	11.00	81.87	905.370000
F	3.25	80.42	262.015000
G	12.50	79.23	993.375000
H	13.67	79.77	1090.459000
I	6.00	79.30	475.800000
J	22.67	79.80	1809.066000
K	4.00	79.17	316.480000
L	14.58	78.50	1144.530000
M	33.00	79.12	2610.960000
N	17.50	83.78	1466.150000
O	22.58	88.15	1990.427000
P	37.83	94.76	3584.770000
TOTAL:	233.7500	1330.9200	19766.5410

A.B.E. = 19766.54 / 233.75 = 84.56'  
 A.B.E. + 30' = 114.56'

- GENERAL SITE NOTES**
1. PROVIDE A CLEANOUT IN THE SANITARY SEWER LINE AT THE HOUSE AND AN INSPECTION TEE AT THE PROPERTY LINE.
  2. TIGHTLINE ALL ROOF AND FOOTING DRAIN LINES TO A CURB EXIT OR SANITARY SEWER AS LOCAL CODES ALLOW.
  3. PLACE QUARRY SPALLS AT CONSTRUCTION ENTRANCE. SOILS REPORT (IF REQUIRED) GUIDELINES TAKE PRECEDENCE OVER ALL NOTES ON PLANS. REFER TO SOILS REPORT FOR GRADING, EXCAVATION, ETC.
  4. SOIL SUBGRADES WILL BE PREPARED AS NEEDED TO ACHIEVE A FIRM, UNYIELDING STATE BEFORE ANY CONCRETE, PAVEMENT, OR FILL SOIL IS PLACED. SEE SOILS REPORT.
  5. LOOSE GRANULAR SOILS WILL BE COMPACTED TO A DENSITY COMMENSURATE WITH THE SURROUNDING SOILS. SEE SOILS REPORT.
  6. ORGANIC OR SOFT COHESIVE SOILS WILL BE OVEREXCAVATED AND REPLACED WITH A GRANULAR STRUCTURAL FILL MATERIAL.
  7. FILL MATERIAL TO BE PLACED IN HORIZONTAL LIFTS AND COMPACTED TO A UNIFORM DENSITY OF AT LEAST 95 PERCENT OF THE STANDARD PROCTOR OR AT LEAST 90 PERCENT OF THE MODIFIED PROCTOR MDD.
  8. TEMPORARY CUT SLOPES ARE LIMITED 1H:1V 4' HEIGHT.
  9. INSTALL APPROPRIATE TEMPORARY DRAINAGE MEASURES TO MANAGE WATER IN CONSTRUCTION AREAS.

CONSULTANT: \_\_\_\_\_

PROFESSIONAL SEAL: \_\_\_\_\_



PROJECT: \_\_\_\_\_

a project for:  
  
 PO BOX 1733 AUBURN, WA 98071  
 Phone: (206) 724-1072

# EAST MERCER RESIDENCE

4634 EAST MERCER WAY  
 MERCER ISLAND, WA 98040

SHEET ISSUE: \_\_\_\_\_

6/24/2015	PERMIT SUBMITTAL
8/29/2016	PERMIT APPROVED
6/05/2017	REVISION TO PERMIT

MUNICIPALITY REVIEW: \_\_\_\_\_

PROJECT # MERCER ISLAND 15 - 015

SHEET TITLE: \_\_\_\_\_

SITE PLAN

PROJECT NO.: 20140904

DATE ISSUED: 6/05/2017

SHEET NUMBER: \_\_\_\_\_

A1.01