

DISTURBED AREA CALCULATIONS (INCLUDE ON SITE PLAN).

AREA OF LOT 1.1 ACRES 49,439 SQUARE FEET

AREA UNDER ROOF 5,394 SQUARE FEET

FLOOR AREA RATIO 10.9 % (AREA UNDER ROOF/AREA OF LOT)

BUILDING PAD SLOPE 13.4 %
 VERTICAL 21 FEET
 HORIZONTAL 156.56 FEET

Building Pad Slope - The percent of slope measured at right angles to the natural contours along a line passing through the center of the proposed building and terminating at the ends of the disturbed area limits of the building site.

ALLOWABLE DISTURBED AREA 40.97 % (PER TABLE 1, SECTION 2207-III-J)

ALLOWABLE DISTURBED AREA 20,255.2 SQUARE FEET

EXISTING DISTURBED AREA 53.6 % (IF ANY)

EXISTING DISTURBED AREA 26,493.3 SQUARE FEET (IF ANY)

INCLUDE THE FOLLOWING CALCULATION:

| | | |
|--|------------------|-------------|
| GROSS DISTURBED AREA | <u>29,525.46</u> | SQUARE FEET |
| SUBTRACT (-) TOTAL LIVABLE FOOTPRINT | <u>4,459</u> | SQUARE FEET |
| SUBTRACT (-) ATTACHED GARAGE FOOTPRINT | <u>935</u> | SQUARE FEET |
| SUBTRACT (-) DRIEYWAY CREDIT | <u>5,162.51</u> | SQUARE FEET |
| SUBTRACT (-) RETENTION BASIN CREDIT | <u>2,825.06</u> | SQUARE FEET |
| SUBTRACT (-) RESTORED AREAS | <u>7,104.64</u> | SQUARE FEET |
| EQUALS (=) NET PROPOSED DISTURBED AREA | <u>9,039.28</u> | SQUARE FEET |

NET PROPOSED DISTURBED AREA 18.3 %

LIMITS OF DISTURBED AREA CLEARLY SHOWN ON PLANS

PERCENT OF LOT STEEPER THAN NATURAL GRADE (5% MAX.) 25.3 %

VOLUME OF CUT 165 C.Y. VOLUME OF FILL 9 CY

HILLSIDE ASSURANCE IS EQUAL TO 35 TIMES THE GRADING PERMIT FEE (2205.VI.B) – PROVIDE CALCULATION ON CIVIL PLAN AND SITE PLAN

Grading Permit Fees

Grading Permit \$142 first 100 cy + \$95 each additional 100 cy

Grading Permit > 10,000 CY \$9,547 first 10,000 cy + \$95 each additional 1,000 cy

ASSURANCE AMOUNT \$ 237

PROVIDE THE FOLLOWING INFORMATION ON CIVIL PLAN AND/OR SITE PLAN:

 RETAINING WALL TABLE WITH THE FOLLOWING:

 TOTAL NUMBER OF RETAINING WALLS 2

 LENGTH OF EACH RETAINING WALL See Table FEET

 HEIGHT OF EACH RETAINING WALL See Table FEET

 MAXIMUM CONTINUOUS LENGTH OF RETAINING WALLS 133 FEET (SHALL NOT EXCEED 100 L.F. PER SECTION 2207-VI-C-1-C)

 MAXIMUM LENGTH OF VISIBLE RETAINING WALLS MEASURED FROM ANY POINT AROUND THE PROPERTY 81 FEET (SHALL NOT EXCEED 300 L.F. PER SECTION 2207-VI-B). IDENTIFY THE POINT/LOCATION AND THE APPLICABLE RETAINING WALLS ON THE SITE PLAN.

 STORM WATER RETENTION CALCULATIONS (SEE STORM DRAINAGE DESIGN MANUAL)

 DRIVEWAY:

AREA 5,162.51 SQUARE FEET

MATERIAL Concrete pavers

COLOR & LRV Medium gray, LRV = 0.4

MAX. DISTANCE FROM NATURAL GRADE On grade INCHES

CREDIT 5,162.51 - 10.4% % and SQUARE FEET

Wall Table - Ret. Walls

| | <u>Length</u> | <u>Height - max</u> |
|--------------|----------------|---------------------|
| <u>exst.</u> | <u>79.1 ft</u> | <u>4.69 ft</u> |
| <u>new</u> | <u>54 ft</u> | <u>6.54 ft</u> |