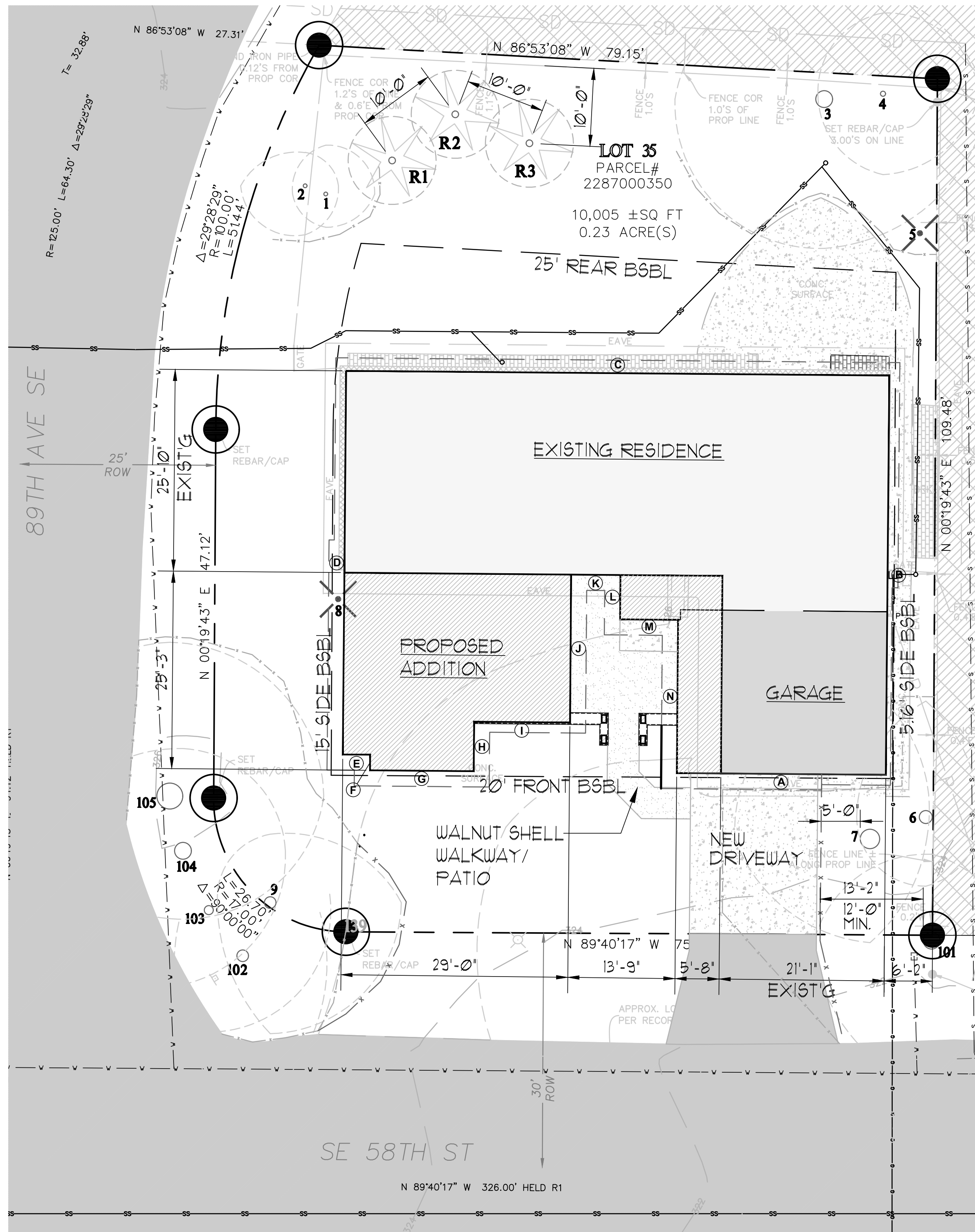
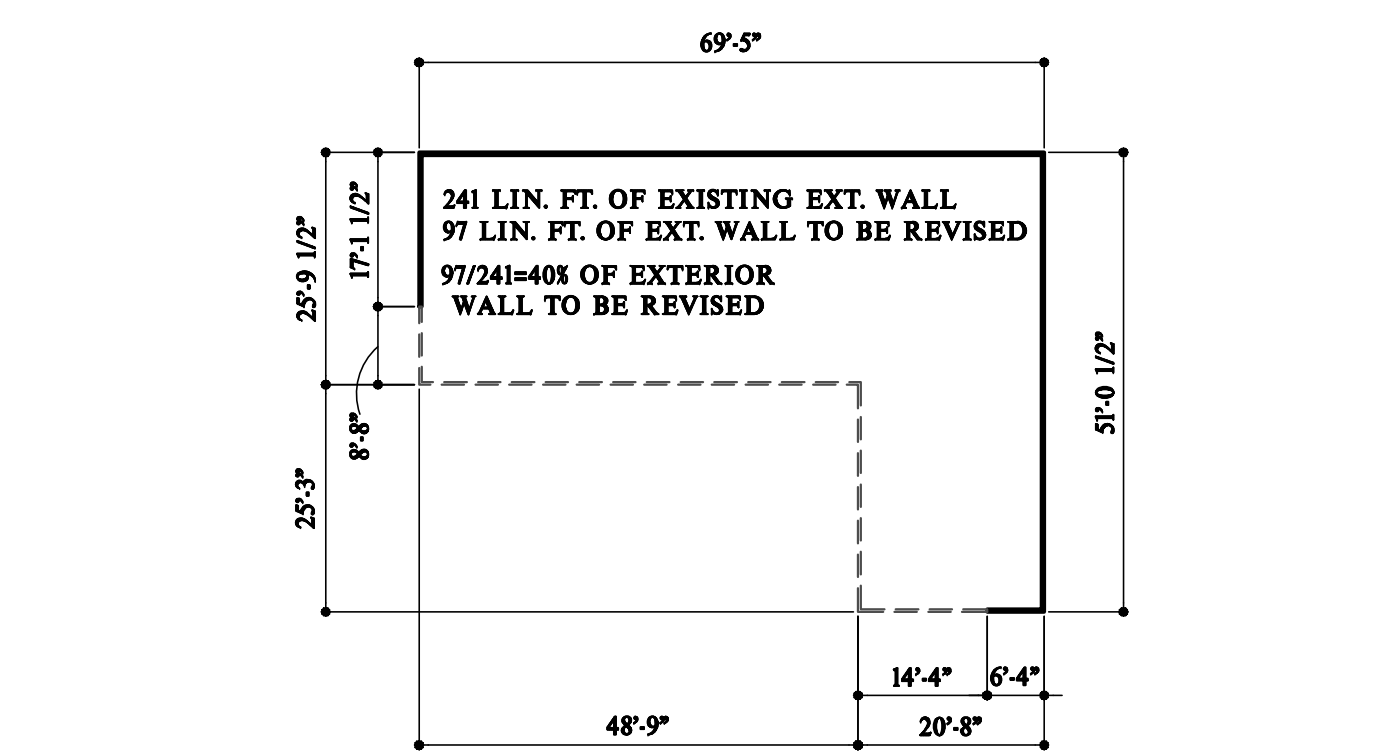
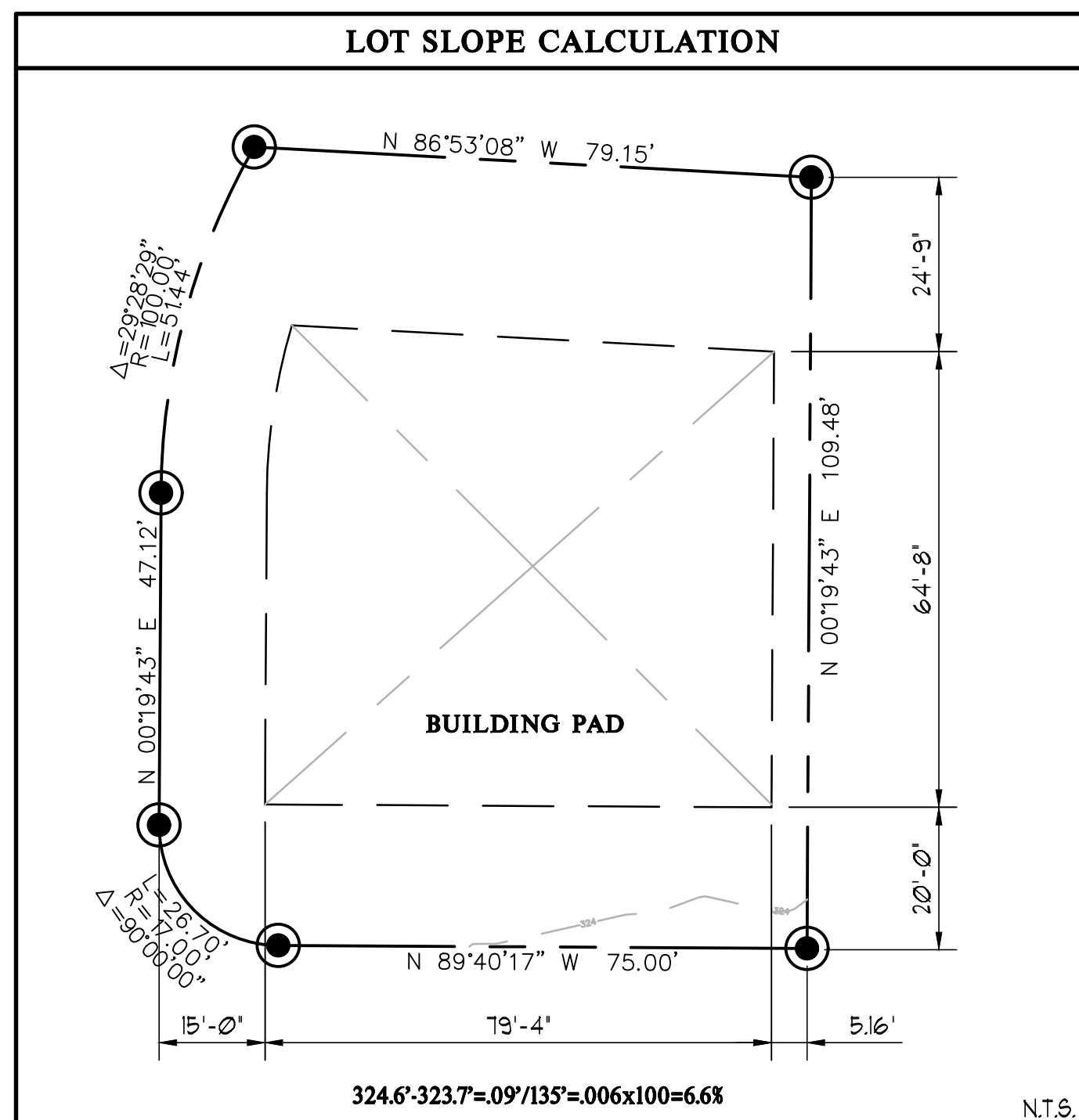


REPLACEMENT TREE IDENT.

| TAG | TREE/SPECIES | NATIVE |
|-----|-----------------|--------|
| R1 | CHINESE DOGWOOD | YES |
| R2 | CHINESE DOGWOOD | YES |
| R3 | CHINESE DOGWOOD | YES |

3/3 NATIVE : 100% NATIVE



SITE PLAN

Scale 1" = 10'

TREE IDENTIFICATION

| TAG | TREE/SPECIES | SIZE (DBH) | PROPOSED |
|-----|-------------------|------------|----------|
| 1. | ZEBRINA CEDAR | 7" | RETAIN |
| 2. | CHERRY PLUM | 6" | RETAIN |
| 3. | WESTERN HEMLOCK | 29" | RETAIN |
| 4. | PORTUGUESE LAUREL | 9" | RETAIN |
| 5. | PORTUGUESE LAUREL | 8" | REMOVE |
| 6. | DOUGLAS FIR | 22" | RETAIN |
| 7. | DOUGLAS FIR | 33" | RETAIN |
| 8. | SCOTS PINE | 11" | REMOVE |
| 9. | AUSTRIAN PINE | 22" | RETAIN |

TOTAL DBH = 147"

TOTAL RETAINED = 128/147=87%

OFFSITE TREES

| TAG | TREE/SPECIES | SIZE (DBH) | PROPOSED |
|-----|---------------|------------|----------|
| 101 | DOUGLAS FIR | 36" | PROTECT |
| 102 | AUSTRIAN PINE | 22" | PROTECT |
| 103 | AUSTRIAN PINE | 18" | PROTECT |
| 104 | DOUGLAS FIR | 28" | PROTECT |
| 105 | DOUGLAS FIR | 40" | PROTECT |

NOTE: DBH DOES NOT INCLUDE OFF SITE TREE

- Tree protection fencing (TPF) shall consist of chain link fencing, or other fencing as may be required or approved by the City of Mercer Island, installed at the dripline radius of Tree #2 and Tree #3 and shall be staked in place, as required by the City, Plan Sheet A1.1 details the location of the Tree Protection Fencing.
- Signage shall be installed at intervals of 20' or less along the fence line declaring the fenced area as a "TREE PROTECTION ZONE - NO TOOLS, EQUIPMENT, OR CONSTRUCTION RELATED MATERIALS MAY BE PLACED WITHIN THE TREE PROTECTION ZONE". Signage shall be a minimum of 8.5" by 11.0" and shall be resistant to weather conditions.
- An ISA certified arborist shall verify the location of the fencing. The fencing shall be installed prior to any site clearing or grading and shall remain in place until the construction phase is completed.
- An ISA certified arborist shall be on-site for any excavation in the backyard area or anywhere near these protected trees.
- Any roots that are encountered and in need of removal shall be assessed by the Project Arborist. Severing of encountered roots shall be undertaken as detailed in ANSI Standard A300 (Part 8)-2013, Root Management.
- Any roots that are encountered and severed shall be covered with moist compost or mulch material as soon as is reasonable following the root exposure and severance.
- Protected trees shall be re-assessed after completion of the construction activity.
- The Ivy in Tree #2 and #3 should be removed, as much as possible.

SEE ADDITIONAL STORM & UTILITY PLAN

City of Mercer Island GFA Calculations

| Area | Area (sq ft) | Percentage |
|--|---------------------|------------|
| Main Floor | 3332.5 (3155-177.5) | 33.3% |
| Garage | 407.0 | 4.0% |
| Structure (including eaves) | 3565.5 | 35.6% |
| Driveway (excluding portion under eaves) | 302.0 | 3.0% |
| Lot Coverage | 3867.5 | 38.7% |

HEIGHT CALCULATION

