Bluff. A topographic feature such as a hill, cliff or embankment having the following characteristics (an area with an average slope of less than 18% over a distance for 50 feet or more shall not be considered part of the bluff):
a.   Part or all of the feature is located in a shoreland area;
b.   The slope rises at least 25 feet above the ordinary high water level of the waterbody;
c.   The grade of the slope from the toe of the bluff to a point 25 feet or more above the ordinary high water level averages 30% or greater; and
d.   The slope must drain toward the waterbody.

Bluff Impact Zone. A bluff and land located within 20 feet from the top of a bluff.

Shorewood Code 1201.26, Subd. 5, d: Bluff Impact zones. Structures and accessory facilities, except stairways, lifts and landings, must not be placed within bluff impact zones

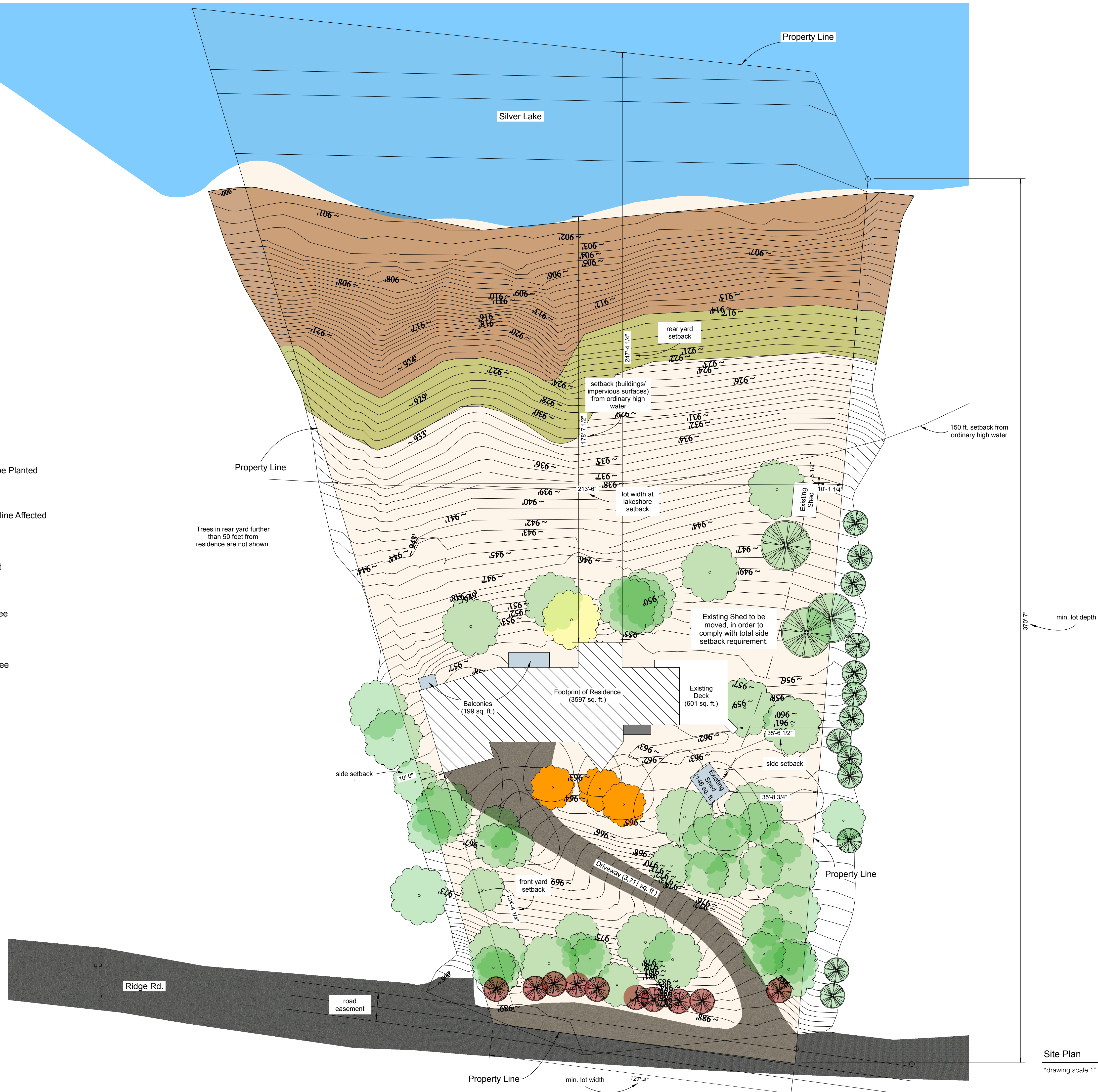|	
▨ Bluff Zone	
▨ Bluff Impact Zone	
▨ Residence	
▨ Balconies, Deck, Shed	

🌳 New Coniferous Tree to be Planted

🌳 Deciduous Tree with Dripline Affected

🌳 Deciduous Tree to be Cut

🌳 Unaffected Deciduous Tree

🌳 Unaffected Coniferous Tree

Shorewood Tree Preservation and Replacement Policy

Significant Trees: Any healthy long-lived hardwood deciduous tree measuring eight inches (8") DBH or greater; any healthy softwood deciduous tree measuring twelve inches (12") DBH or greater; or any healthy coniferous tree measuring eight feet (8') or more in height. Box-elder, cottonwood, and willow trees shall not be considered to be significant trees.

Except as provided in IV.13. of this Policy, all significant trees removed or damaged during the process of land development or construction activities shall be replaced on site.

Tree Replacement Ratio:
- Significant deciduous trees eight inches (8") DBH or greater shall be replaced by two (2), three (3) inch caliper or greater deciduous trees or two, six- foot (6') high coniferous trees.
- Significant deciduous trees twelve inches (12") DBH or greater shall be replaced by three (3), three (3) inch caliper or greater deciduous trees or three (3), six-foot (6') high coniferous trees.

Silver Lake

Property Line

rear yard setback

setback (buildings/ impervious surfaces) from ordinary high water

150 ft. setback from ordinary high water

Property Line

Existing Shed

Trees in rear yard further than 50 feet from residence are not shown.

lot width at lakeshore setback

Existing Shed to be moved, in order to comply with total side setback requirement.

min. lot depth

Footprint of Residence (3597 sq. ft.)

Existing Deck (601 sq. ft.)

Balconies (199 sq. ft.)

side setback

side setback

front yard setback

Driveway (3,711 sq. ft.)

Property Line

Ridge Rd.

road easement

Property Line

min. lot width

DATE SUBMITTED
11.29.17

DRAWN BY
MDR, EKF

Design By:
Riedel-Fall Designs
200 Union St S.E.
Minneapolis, MN 55455
Tel: 612-275-9878

Design for:
Dr. Marc Riedel & Ms. Emery Fall
5995 Ridge Rd.
Shorewood, MN 55331
Tel: 612-275-9878

Date	Revision	By
9/1/17	Initial Drawings	MDR, EKF
11/29/17	Changes to Atrium, Entry	MDR, EKF

RFD
Riedel-Fall Designs

V101 Site Plan

Site Plan
"drawing scale 1" = 20'

V101
1

V101