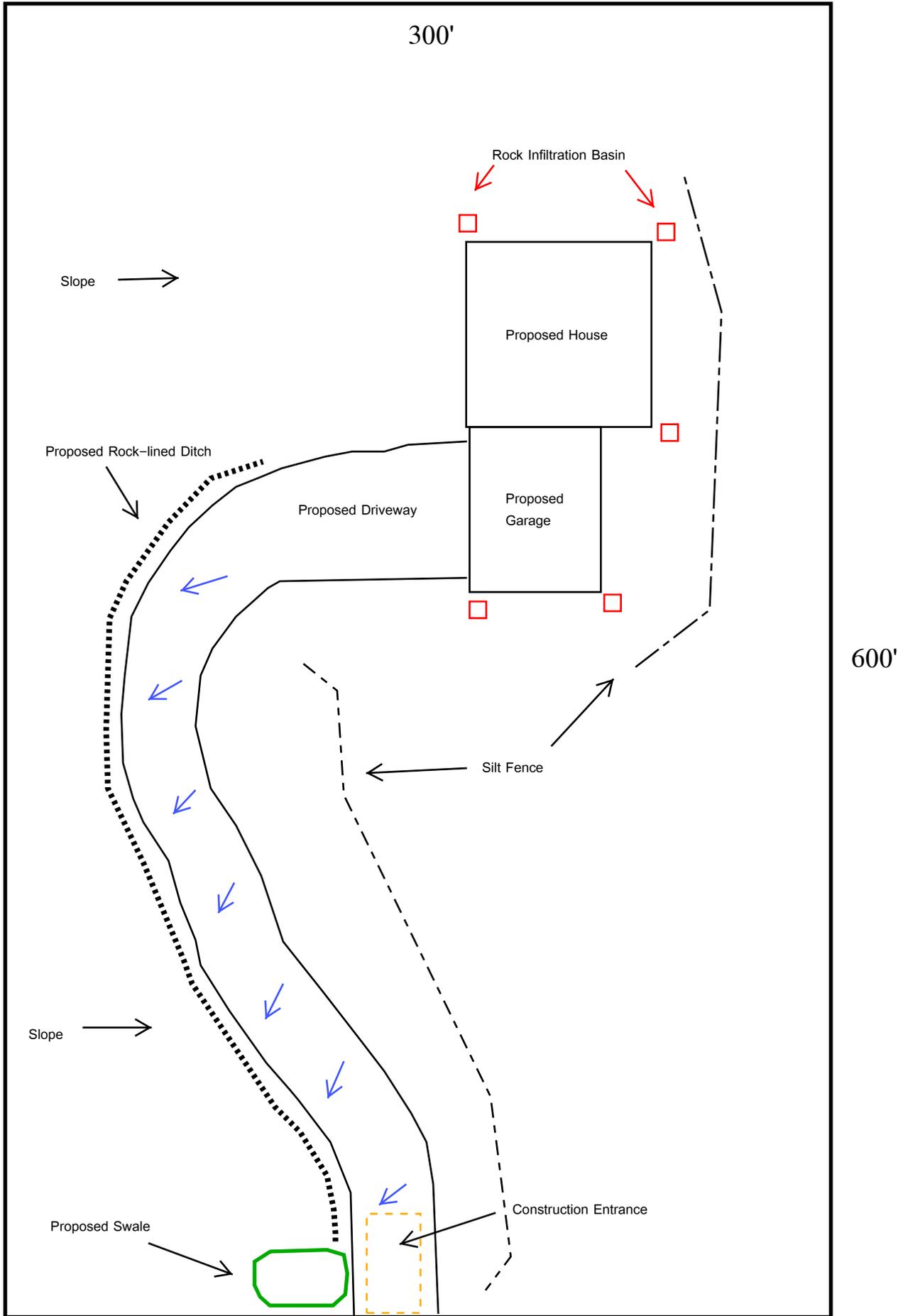


Example Homeowner Plan – Drawing Set



1640 Riverside Dr.

Site Disturbance Plan - Narrative

Owner: Emmett Brown
Address: 1640 Riverside Dr.

Site Information:

The proposed project will be the construction of a new single family residence, including an attached garage and driveway. The driveway is proposed to be 14' x 200'.

This parcel is 2 acres with access off of E. Direction Rd. The property slopes from east to west at approximately 5-6%. The existing vegetation on the site consists of native grasses and shrubs with a few smaller Ponderosa Pine trees. According to a visual inspection of the site, there was no evidence of shallow groundwater or springs. Cut slope will be created on the west side of the driveway and will not exceed a 2:1 slope. The excavated cut slope soils will be used on site for contouring around the residence for landscape purposes.

Erosion Control:

Erosion will be controlled on the property by installing silt fence on the lower side of the development and a construction entrance, while the site is under construction. For permanent erosion control, all disturbed soils will be revegetated with hydroseeding of native grasses.

Stormwater Control:

Water from the driveway will be directed to an adjacent rock-lined ditch and conveyed to a grassed infiltration area (swale) for treatment. The roof runoff will be guttered with downspouts discharging to rock basins for infiltration.

Swale Calculation:

Driveway: 14' x 200' = 2,800 sq. ft. of impervious area.
2,800 sq. ft. x 0.041666 ft. (first ½ inch of runoff) = 116.6648 cubic feet
116.6648 cubic ft. / .5 ft. (depth of swale) = 233.3296 sq. ft. of swale bottom.

Construction Schedule:

Development will begin in the summer of 2018 and be complete by the spring of 2019.