



1320 Shoshone Dr. Landscape calculations

prepared by:  
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The proposed development at 1320 Shoshone is to construct a 16,000 sf shop with a 6000 sf office in two separate buildings. The development will include both Lots 1 and 2 of the Betcher Sub-division, City of Gillette, Campbell County Wyoming. The lots are zoned I-1. The surrounding property zoning is I-1 to the east, M-H to the south and C-1 to west and C-D to the north.

The following are the calculations for landscape based on the City of Gillette example included withinl. Street landscape Border  
Shoshone width of lot <(900') X 10')sf/500= 18 trees

2. Street yard  
Shoshone width of building <(100') X 25')sf/1000= 3 trees

3. Public Arterial  
Shoshone width 900'/50'= 18 trees

4. Parking Facility Landscaping  
N/A

5. Parking Interior landscaping  
N/A Due to Zoning I-1

TOTAL TREES = 39 TREES

6. Buffer Yard  
South side next to M-H a 40' buffer sill be left with a 6' high earthen berm along the portion M-H that is occupied with trailers. 200' long

The total tree requirement is 39 trees. The landscape plan will be constructed with a total of 20 ea Plains Cottonwood (Existing) Populus deltoides variety monilifera. The remainder of the trees will be placed within a 50' landscape native grass area along Shoshone and surrounding a water sediment low area in the NW corner of Lot 1 13 ea Plains Cottonwood and 13 ea Canada Red Chokecherry. The 20 trees along the front 50' adjacent to Shoshone will be staggered at 15' and 35' from the back of sidewalk along Shoshone. The 6 added new trees surrounding the water sediment low area in the NW will be planted even distances apart along with the existing trees.

New Plantings

16 each Plains Cottonwood Populus deltoides 1.5' minimum diameter

16 each Canada Red Chokecherry (Prunus virginia) 1.5' minimum

The Plains Cottonwood is a Populus deltoides variety monilifera and the Canada Red Chokecherry is a Prunus virginia.

All trees will be have a water drip system installed. Maintaining of the trees will be completed on a scheduled basis and the Bond and Landscape Maintenance Agreement will be executed when completed. The anticipated schedule is to plant in spring 2020 in conjunction with completion of the building facility.

We have provided location for 20 existing trees and 26 new trees for a total of 46 trees. The types of trees were chosen to match surrounding types and for providing area wildlife with new resources. The detention area to the east has a lot of ground cover for deer and antelope. We routinely see Fox, deer and antelope on this property and intend to continue to allow areas for the use of the wildlife.

Bond Calculation is as follows:  
Total trees to replant is 30 each @ \$300.00/ea.= \$11700.00  
submitted with completion of construction

## LANDSCAPE PLAN

1320 EAST SHOSHONE AVE.  
GILLETTE, WYOMING

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