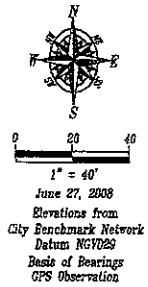


**LEGEND**

- o-c = Sanitary Sewer Service Line Cleanout
- o = Utility Pole
- | — = Guy Wire
- = Telephone Box
- = Telecommunications Pedestal
- h = Sign
- x — = Fence Line
- t — = Underground Electric
- OHL — = Overhead Utility Lines
- T — = Underground Telecom
- W — = Water Main
- SS — = Sanitary Sewer Line
- G — = Natural Gas Line
- = Found Survey Monument  
RW Fisk LS 8565
- ⊕ = Set Rebar with cap marked  
RW Fisk 8565
- ⊙ = Tree (Deciduous)



**EROSION AND SEDIMENT CONTROL NOTES**

The proposed improvements yield an increase in impervious surface of 60 SF±. Improvements draining to the west contribute 400 SF± or .0092 AC where

$t_o = 5, i_p = 4, a = 0.9, Q_p = 0.03cfs$  for the two year runoff gross buffer is 30' wide transverse to slope use 10' width as a minimum  $- .2L_p = 2x14 = 2.8$

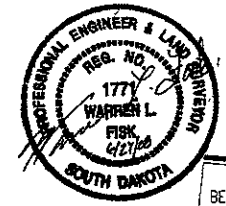
Improvements draining to the east contribute 200 SF± or .0049 Ac use identical 30' x 10' as acceptable minimum.

The clean rock compound (20' x 17') performs a self mitigating BMP, performing an extended detention function where runoff is temporarily stored in the rock voids and gradually dewateres through the geogrid underlayment.

All work shall be in accordance with the City of Rapid City Stormwater Quality Manual (2007 edition).

Due to proximity to on-site sewer system and negligible tributary area, 9" diameter compost filter socks shall be used in place of silt fence for erosion control. Socks are to be maintained and remain in place until vegetation is established.

The existing asphalt circulation shall serve as the vehicle tracking control area. Asphalt shall be maintained as necessary to prevent tracking on public right-of-way and to prevent stormwater sediment discharge



ONE CALL BEFORE DIGGING  
1-800-781-7474

**Fisk Land Surveying & Consulting Engineers, Inc.**  
1022 Main Street (P.O. Box 8743)  
Rapid City, South Dakota 57708  
(605) 342-1122 (Fax)

**RCYC Perennial**  
Lot 1 of North Haines Subdivision  
1290 Country Road  
Pennington County, South Dakota

Surveyed by: ML,BL  
Date: 12/17/07  
Drawn by: RWF  
Checked by: WF  
Revisions:

Erosion & Sediment Control

6 of 6

Project No. 07-12-05