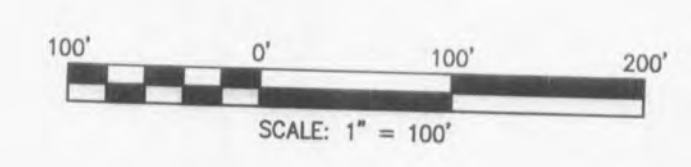


AREA B - 10 YR
 TIME OF CONCENTRATION PATH
 1=100' Sheet @ 3%
 2=60' Shallow Concentrated @ 8.3%
 3=40' Shallow Concentrated @ 25%
 4=180' Shallow Concentrated @ 10%
 5=Length/Velocity - 440 LF @ 2 fps

AREA B
 Undist.= 14.03ac
 (Type B= 0.23ac)
 (Type C= 11.79ac)
 (Type D= 2.01ac)
 Dist.= 15.28ac
 (Type B= 9.21ac)
 (Type C= 6.07ac)
 Total= 29.31ac

AREA A
 Undist.= 7.49ac
 (Type C= 7.49ac)
 Dev.= 1.25ac
 (Type D= 0.36ac)
 (Type C= 0.89ac)
 Dist.= 10.23ac
 (Type D= 1.18ac)
 (Type C= 9.05ac)
 Total= 18.97ac

AREA A - 10 YR
 TIME OF CONCENTRATION PATH
 1=100' Sheet @ 6%
 2=240' Shallow Concentrated @ 7.5%
 3= Length/Velocity - 2fps



| | | |
|--|--|--|
| DEVELOPER/OWNER: RULTE GROUP 16640 CHESTERFIELD GROVE, STE 200 CHESTERFIELD, MO 63005 PHONE: (636) 537-7129 | | CITY COMMENTS 8/28/2013 2 8/15/2013 1 NO REVISION DESCRIPTION |
| ONE ENGINEERS CORPORATE ENGINEERING CERTIFICATE NUMBER 001165 JOHN F. HARSBARGER E-28716 PROFESSIONAL REGISTERED ENGINEER DATE: 01/11/10 | | THE PROFESSIONAL ENGINEER'S SIGNATURE AND PERSONAL SEAL ARE REQUIRED FOR ALL PLANS. ANY RESPONSIBILITY FOR ANY OTHER PLANS, SPECIFICATIONS, ESTIMATES, ETC., IS THE SOLE RESPONSIBILITY OF THE ENGINEER. THE ENGINEER'S SIGNATURE AND PERSONAL SEAL ARE REQUIRED FOR ALL PLANS. ANY RESPONSIBILITY FOR ANY OTHER PLANS, SPECIFICATIONS, ESTIMATES, ETC., IS THE SOLE RESPONSIBILITY OF THE ENGINEER. THE ENGINEER'S SIGNATURE AND PERSONAL SEAL ARE REQUIRED FOR ALL PLANS. ANY RESPONSIBILITY FOR ANY OTHER PLANS, SPECIFICATIONS, ESTIMATES, ETC., IS THE SOLE RESPONSIBILITY OF THE ENGINEER. |
| PRESTON WOODS PHASE 6 MASS GRADING PLANS PRESTON WOODS LANE O'FALLON, MO 63366 | | DAM SWPP |
| + ST. CHARLES 1520 S. Fifth Street Suite 307 St. Charles, MO 63033 636.978.7508 fax | | DESIGN/CALC BY JFH DRAWN BY MTS CHECKED BY JFH DRAWING SCALE DATE 7/25/2013 Job Number 13-0054 Sheet Number G5.3 |

USER: Taylor, Stuart; TAB: DAM SWPP;
 DATE: September 3, 2013 - 11:33:35 AM
 DRAWING: S:\WORKS\13-0054\CAD-DWG\C-OUT\MASS GRADING\O_LG_DAM SWPP.dwg