



S1
Area = 0.159 Ac
CN = 72
Tc = 30.5 min
Grass/Woods/Farmland/Road/Ledge

S2
Area = 0.56 Ac
CN = 75
Tc = 118 min
Meadow/Woods/Farmland

S3
Area = 0.77 Ac
CN = 81
Tc = 25.6 min
Woods/Farmland/Grass/Road

LEGEND

- LINK
- SUBCATCHMENT
- POND
- POST-DEVELOPMENT DRAINAGE SUBCATCHMENT
- TIME OF CONCENTRATION PATH
- SOIL BOUNDARY

NOTES

Tc PATH TABLE

| SUBCAT | Tc PATH | FLOW | LENGTH | SLOPE (FV/FT) |
|--------|---------|--------------|--------|---------------|
| S1 | A-B | SHEET | 100' | 0.0680 |
| | B-C | SHALLOW CONC | 85' | 0.2188 |
| | C-D | SHALLOW CONC | 189' | 0.0679 |
| | D-E | SHALLOW CONC | 47' | 0.0212 |
| S2 | A-B | SHEET | 43' | 0.3300 |
| | B-C | SHALLOW CONC | 21' | 0.1905 |
| | C-D | SHALLOW CONC | 62' | 0.0322 |
| | D-E | SHALLOW CONC | 96' | 0.0938 |
| | E-F | SHALLOW CONC | 79' | 0.0063 |
| | F-G | SHALLOW CONC | 79' | 0.0063 |
| S3 | A-B | SHEET | 129' | 0.1511 |
| | B-C | SHALLOW CONC | 129' | 0.0538 |
| | C-D | VEE CHANNEL | 93' | 0.0752 |
| | D-E | SHALLOW CONC | 137' | 0.1158 |
| | | | 170' | 0.0353 |

SOILS LEGEND

| SYMBOL | SOIL TYPE | HSG |
|--------|--|-----|
| H8B | HOLLIS FINE SANDY LOAM, 3%-8% SLOPES | C/D |
| H8C | HOLLIS VERY ROCKY FINE SANDY LOAM, 8%-20% SLOPES | C/D |
| Sn | SCANTIC SILT LOAM | D |

THE SOURCE OF THE SOIL TYPES AND BOUNDARIES IS THE NATIONAL COOPERATIVE SOIL SURVEY (NCSS).

THIS PLAN IS FOR REVIEW PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION OR RECORDING

| Revised | By | Scale | Change |
|---------|----|-------|--------|
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PROJECT NUMBER: 33471
 DRAWING TITLE: POST-DEVELOPMENT DRAINAGE AREA PLAN
 SCALE: 1" = 40'
 DATE: MAY 1, 2013
 PROJECT NAME: SINGLE FAMILY RESIDENCE
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