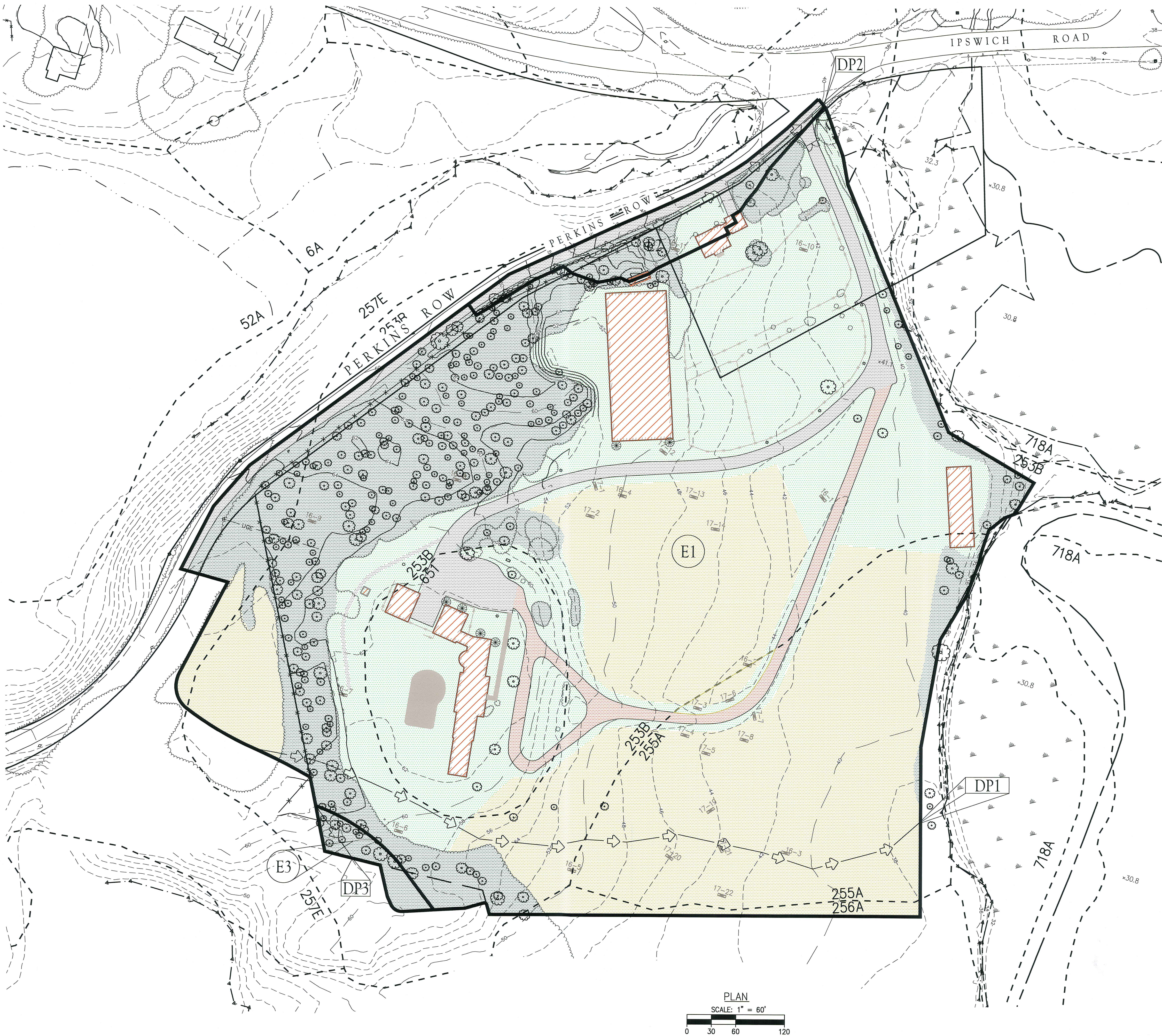




PLAN
SCALE: 1" = 60'

SCS SOIL DESCRIPTIONS

- 67.1% 253 B: HINKLEY LOAMY SAND, 3-8% SLOPES, HSG A
- 20.0% 255 A: WINDSOR LOAMY SAND, 3-8% SLOPES, HSG A
- 1.6% 256 A: DEERFIELD LOAMY FINE SAND, 0-3% SLOPES, HSG A
- 10.1% 651: UDORTHENTS, SMOOTHED, HSG A
- 1.2% 257E: HINKLEY AND WINDSOR SOILS, 25-35% SLOPES, HSG A

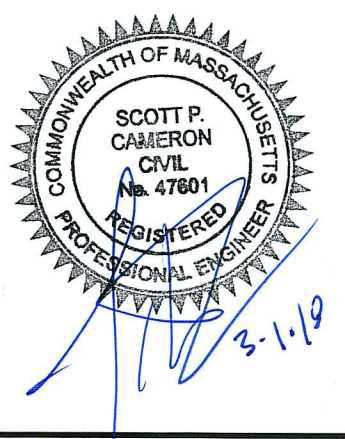
WATERSHED LEGEND

- TIME OF CONCENTRATION FLOW PATH
- WATERSHED BOUNDARY
- SCS SOIL BOUNDARY
- DP DESIGN POINT
- E1 SUBCATCHMENT

SURFACE COVERAGE

- | | | |
|--------|------------------|-------|
| 3.87% | ROOF | CN 98 |
| 5.22% | PAVEMENT | CN 98 |
| 2.25% | GRAVEL | CN 76 |
| 0.48% | OTHER IMPERVIOUS | CN 98 |
| 34.99% | MEADOW | CN 30 |
| 29.50% | LAWN | CN 39 |
| 23.69% | WOODS | CN 30 |

OVERALL CN = 40

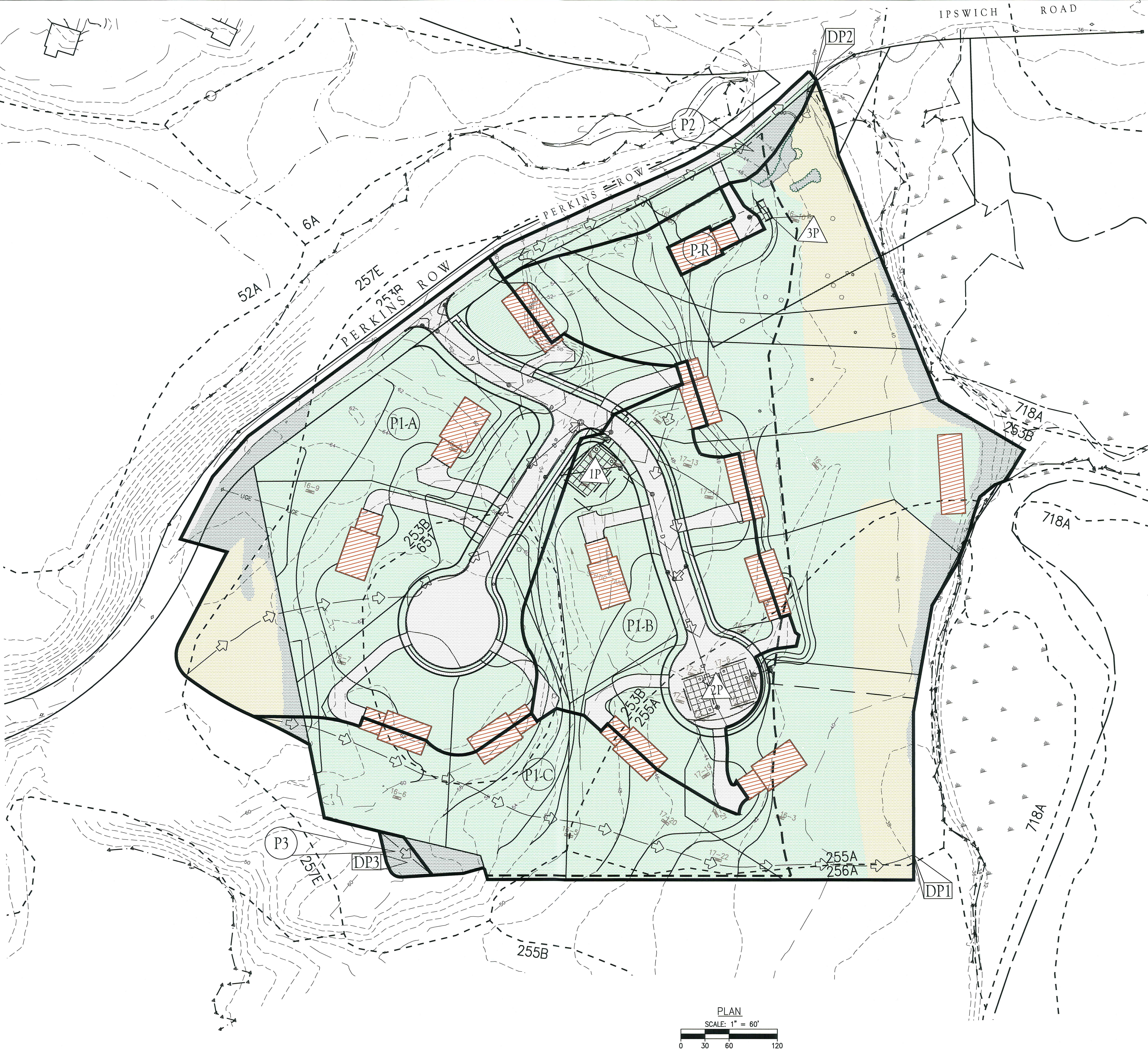


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FIGURE 6
DATE: 10/16/17
REVISED: 03/01/18
SCALE: 1" = 60'

EXISTING WATERSHED PLAN
AT:
303 & 333 PERKINS ROW
TOPSFIELD, MASSACHUSETTS



SCS SOIL DESCRIPTIONS

67.1% 253 B: HINCKLEY LOAMY SAND, 3-8% SLOPES, HSG A
20.0% 255 A: WINDSOR LOAMY SAND, 3-8% SLOPES, HSG A
1.6% 256 A: DEERFIELD LOAMY FINE SAND, 0-3% SLOPES, HSG A
10.1% 651: UDORTHENTS, SMOOTHED, HSG A
1.2% 257E: HINCKLEY AND WINDSOR SOILS, 25-35% SLOPES, HSG A

WATERSHED LEGEND

- TIME OF CONCENTRATION FLOW PATH
- WATERSHED BOUNDARY
- SCS SOIL BOUNDARY
- DP DESIGN POINT
- P1 SUBCATCHMENT
- 1P RETENTION OR DETENTION BASIN

SURFACE COVERAGE

7.08%	ROOF	CN 98
12.49%	PAVEMENT	CN 98
0.82%	OTHER IMPERVIOUS	CN 98
13.73%	MEADOW	CN 30
60.56%	LAWN	CN 39
5.32%	WOODS	CN 30
OVERALL CN = 49		

WATERSHED NOTES

1. DESIGN POINT 1 IS PRESUMED TO BE THE IPSWICH RIVER EVEN THOUGH A SINGLE POINT IS NOTED ON THE PLAN.



FIGURE 7
DATE: 10/16/17
REVISED: 03/01/18
SCALE: 1" = 60'

PROPOSED WATERSHED PLAN
AT:
303 & 333 PERKINS ROW
TOPSFIELD, MASSACHUSETTS

