

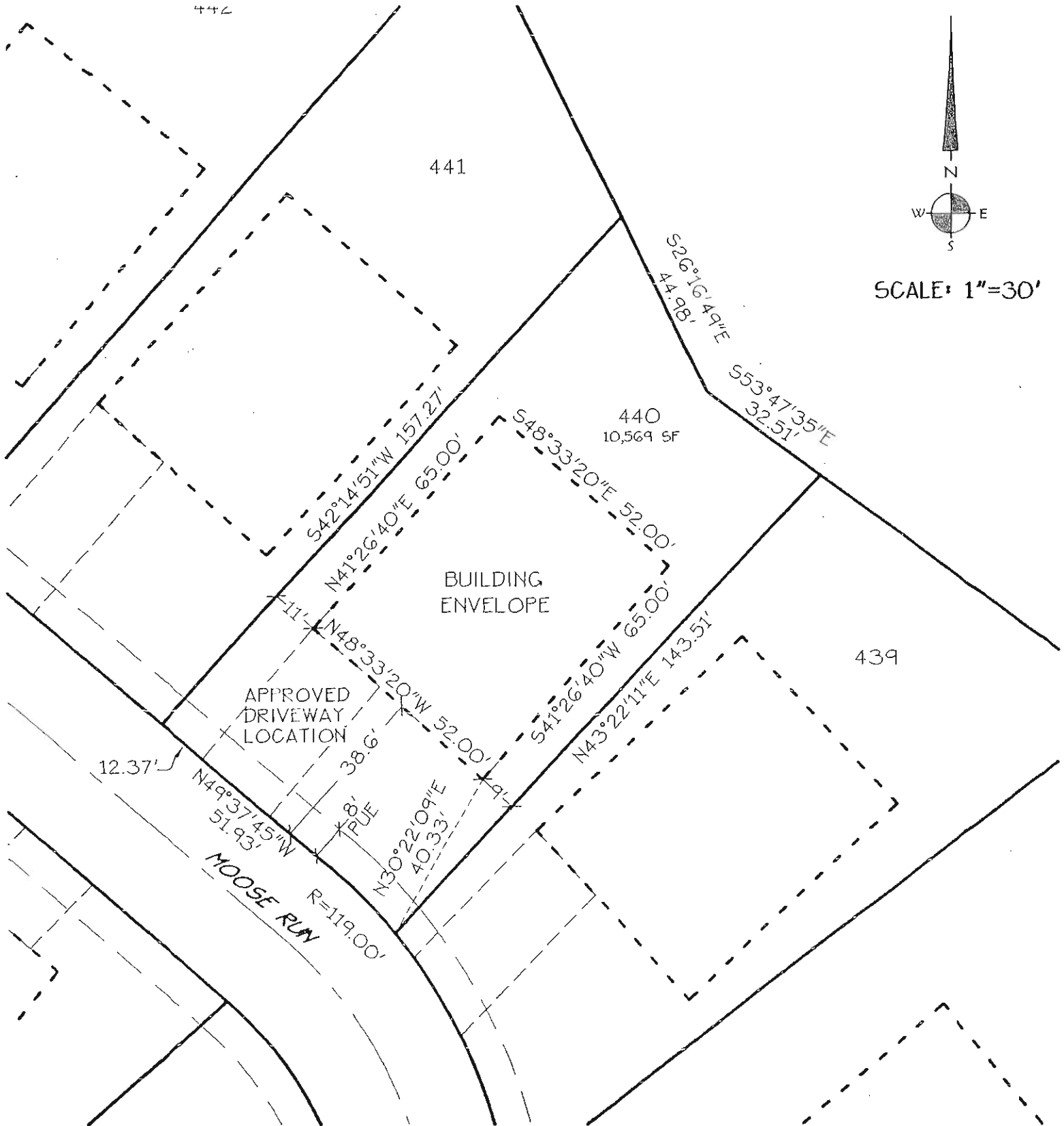
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 440

EXHIBIT "A"  
Page 1 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P.S)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

- BUILDING ENVELOPE
- PUBLIC UTILITY EASEMENT
- TIE LINE



**K & D ENGINEERING, Inc.**  
276 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2683

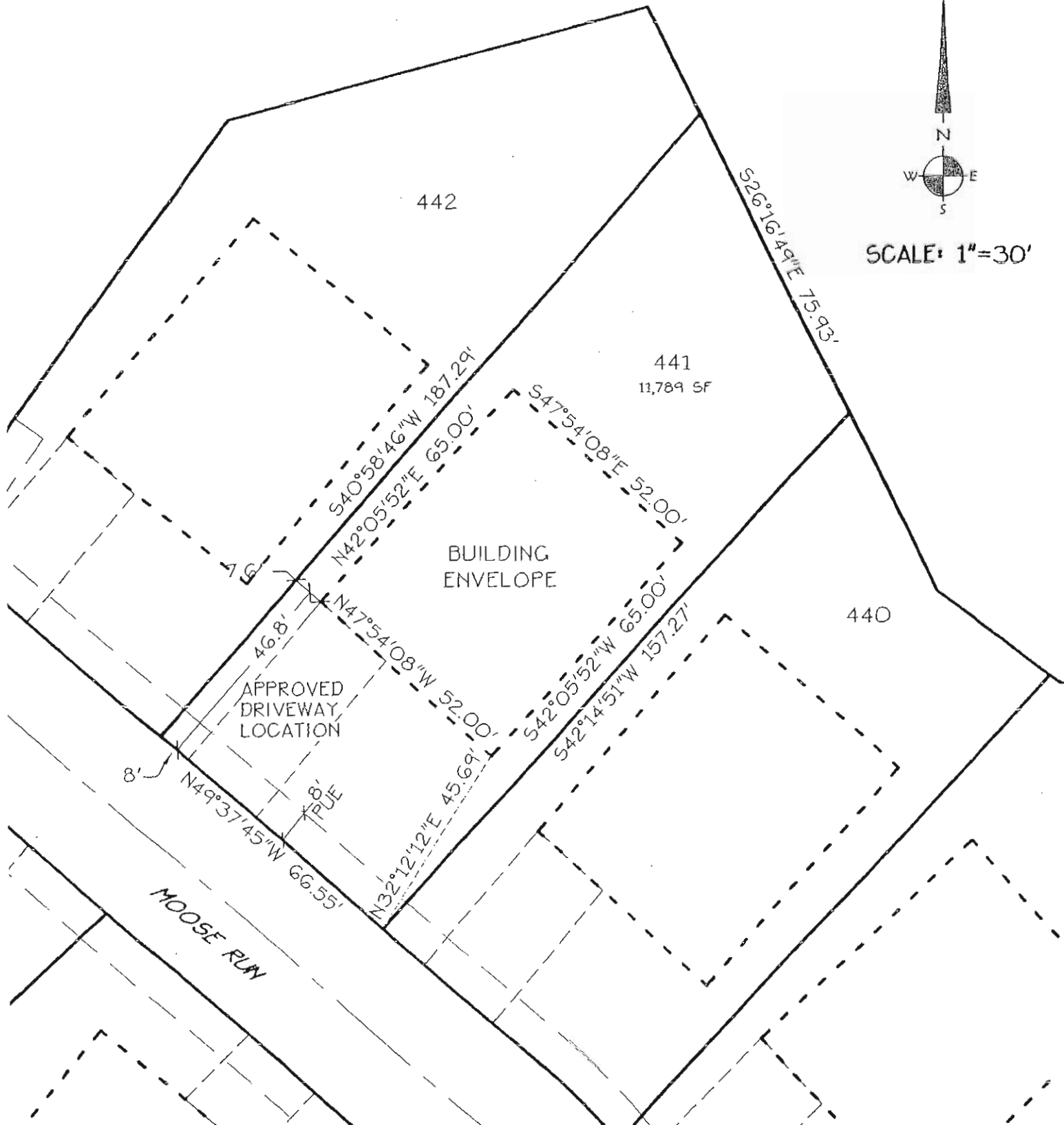
VOL. 1663 PAGE 271  
 SPRING MEADOW-SIXTH ADDITION  
 BUILDING ENVELOPE EXHIBIT MAP

OF  
 LOT 441

EXHIBIT "A"  
 Page 2 of 12



SCALE: 1"=30'



date: 11/11/2004 Time: 14:20  
 scale: 1=30(P5)  
 file: dwg\03-3912\3912\_lotmaps.dwg (Brion Estes)

- BUILDING ENVELOPE
- PUBLIC UTILITY EASEMENT
- - - TIE LINE



**K & D ENGINEERING, Inc.**  
 278 N.W. Hickory Street P.O. Box 726  
 Albany, Oregon 97321  
 (541) 928-2583

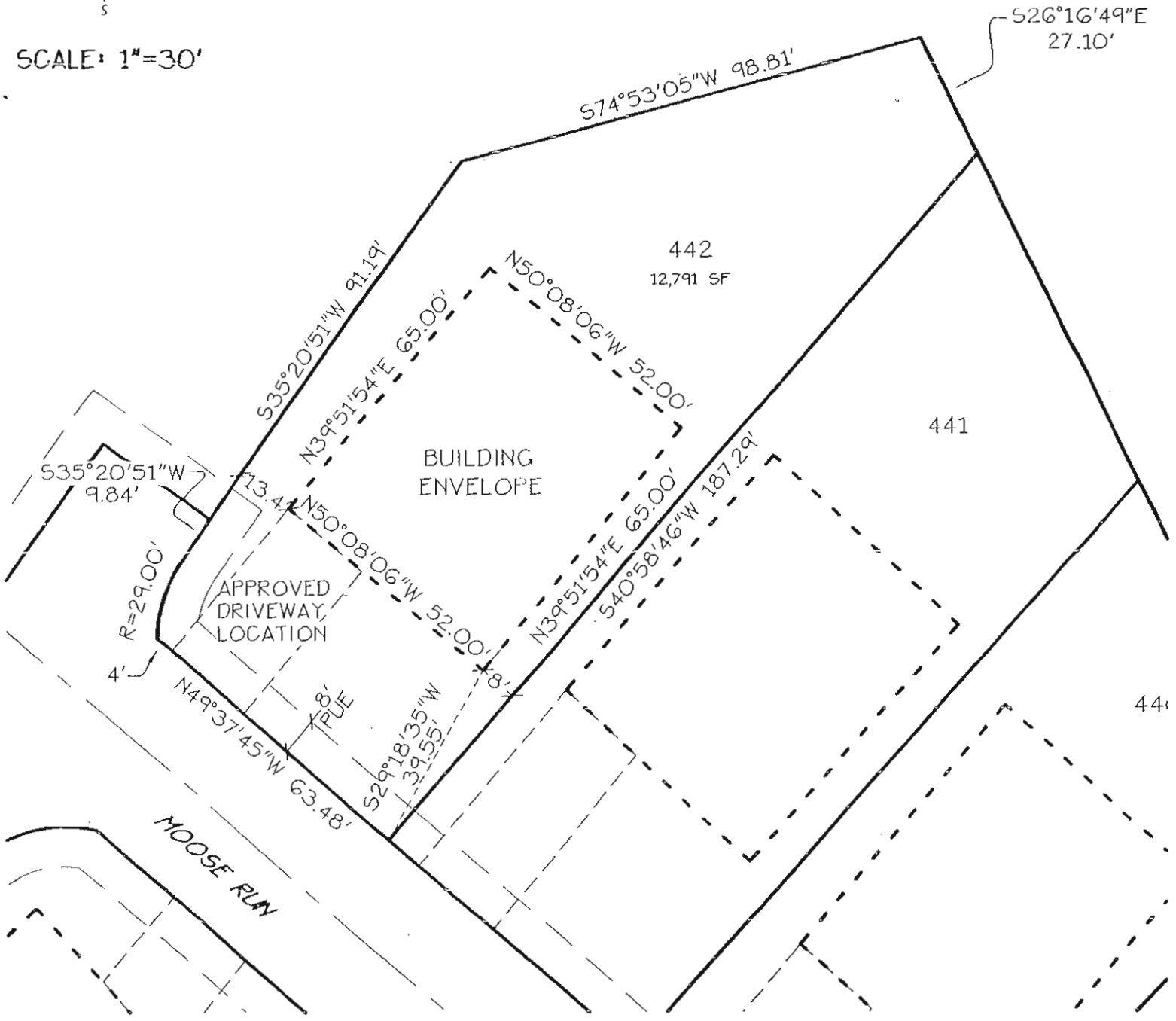
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 442

EXHIBIT "A"  
Page 3 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P/S)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

--- BUILDING ENVELOPE  
--- PUBLIC UTILITY EASEMENT  
--- TIE LINE



**K & D ENGINEERING, Inc.**  
278 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2583

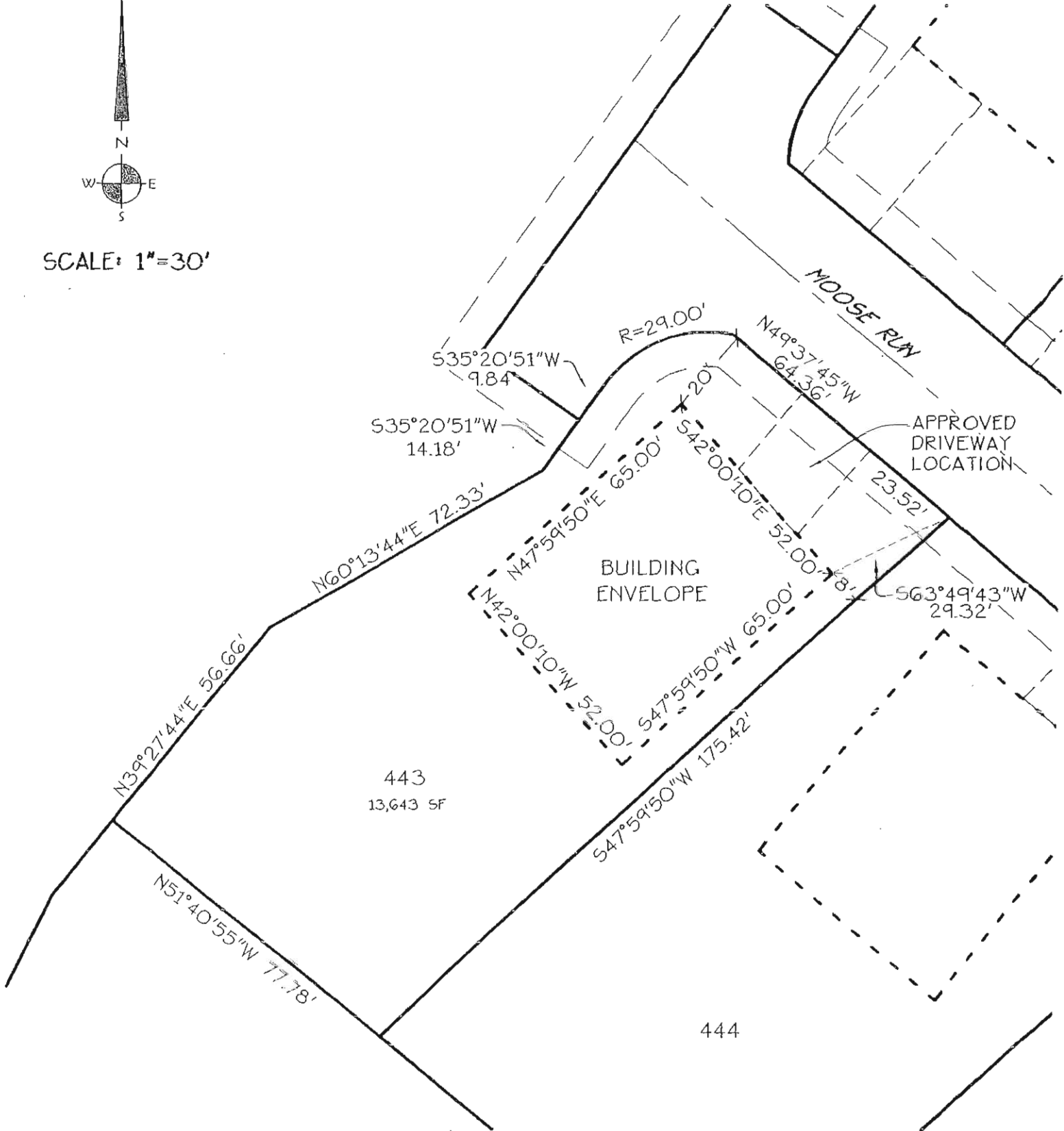
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 443

EXHIBIT "A"  
Page 4 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
 Scale: 1=30(P5)  
 File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

- BUILDING ENVELOPE
- PUBLIC UTILITY EASEMENT
- TIE LINE



**K & D ENGINEERING, Inc.**  
 278 N.W. Hickory Street P.O. Box 725  
 Albany, Oregon 97321  
 (541) 928-2583

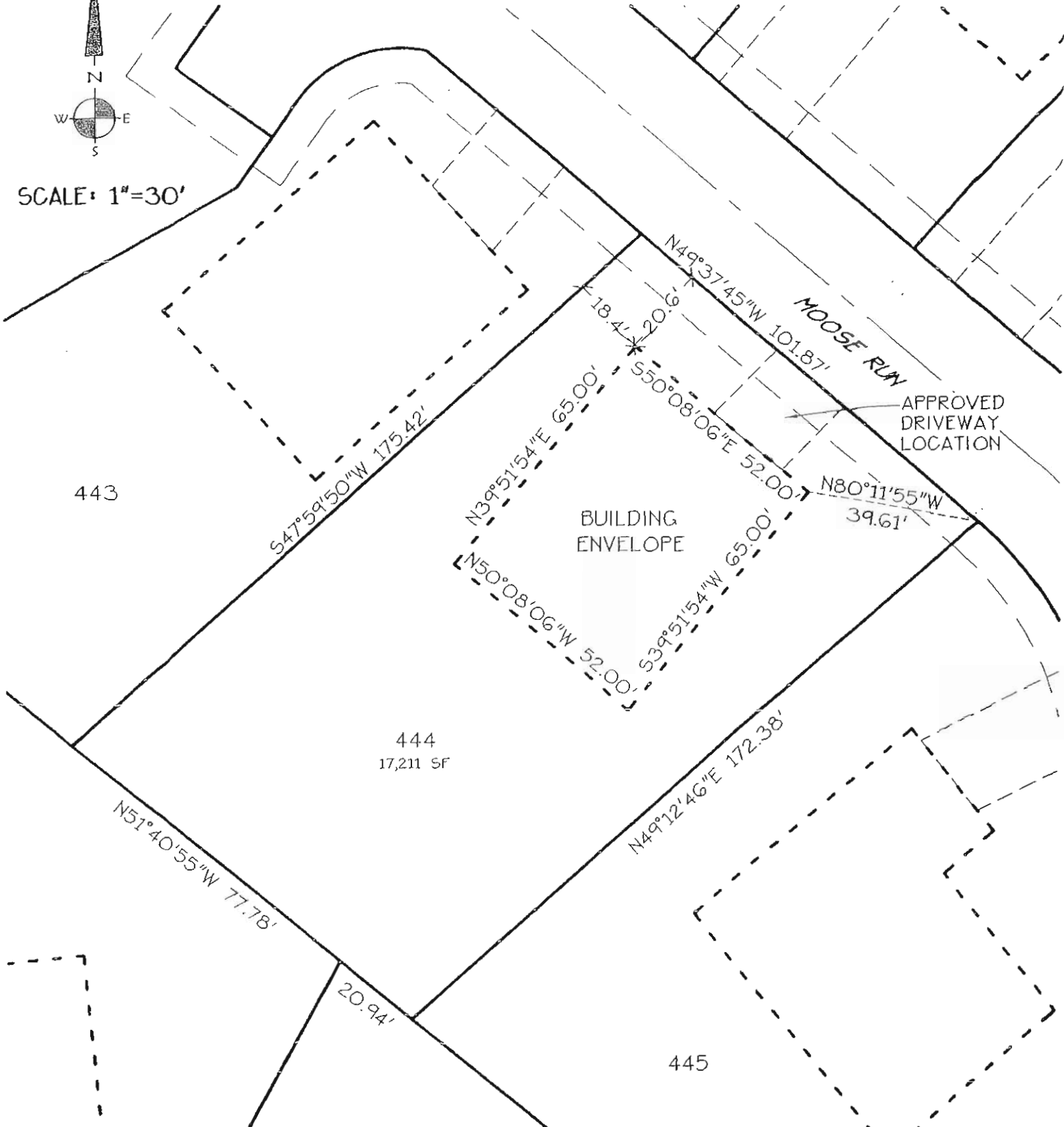
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

EXHIBIT "A"  
Page 5 of 12

OF  
LOT 444



SCALE: 1"=30'



443

444  
17,211 SF

445

Date: 11/11/2004 Time: 14:20  
Scale: 1"=30'(PS)  
File: d:\03-3912\3912\_lotmaps.dwg (Brian Estes)

--- BUILDING ENVELOPE  
--- PUBLIC UTILITY EASEMENT



**K & D ENGINEERING, Inc.**  
278 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2683

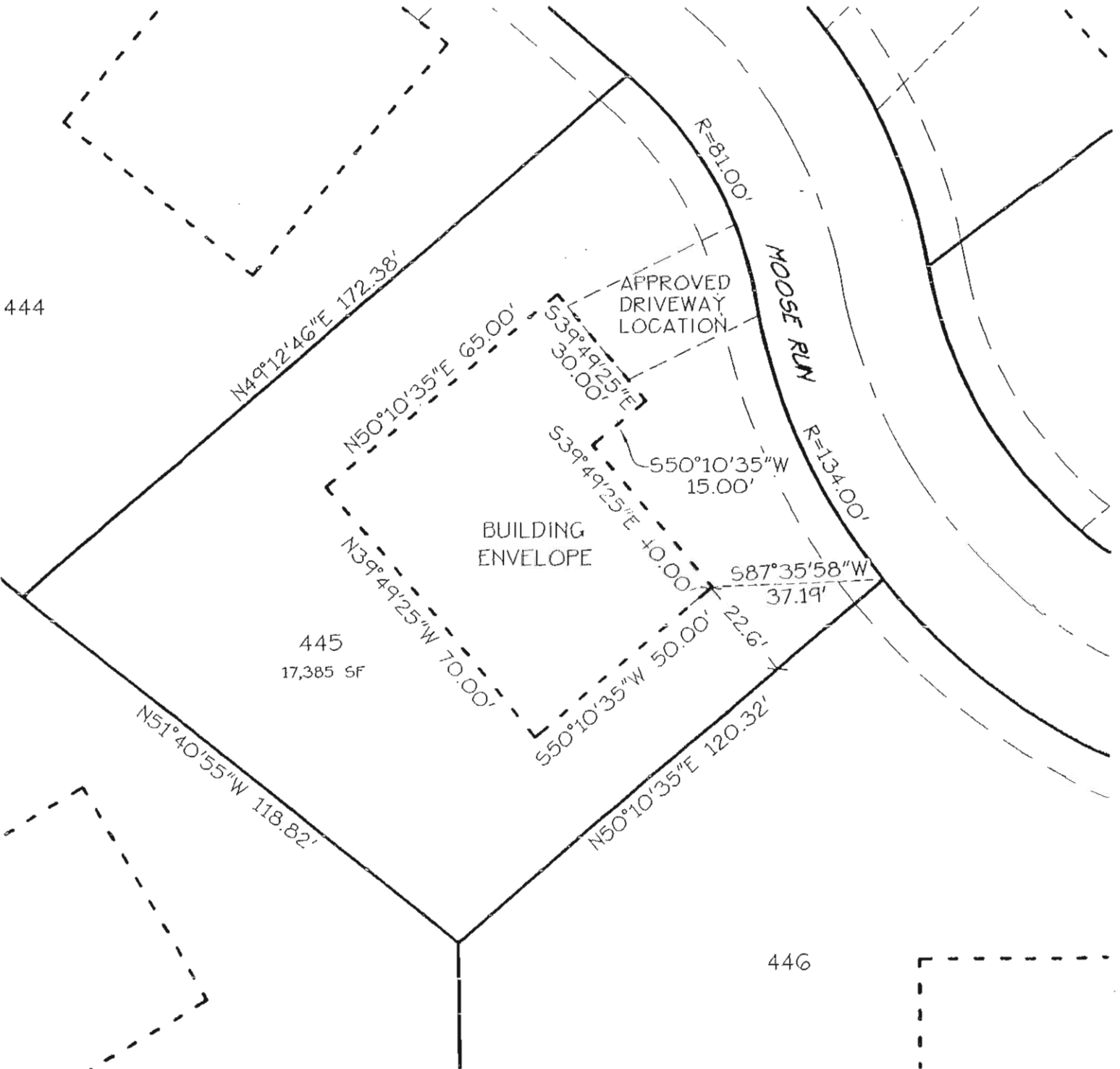
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 445

EXHIBIT "A"  
Page 6 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P5)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

----- BUILDING ENVELOPE  
 - - - - - PUBLIC UTILITY EASEMENT



**K & D ENGINEERING, Inc.**  
 278 N.W. Hickory Street P.O. Box 725  
 Albany, Oregon 97321  
 (503) 928-2583

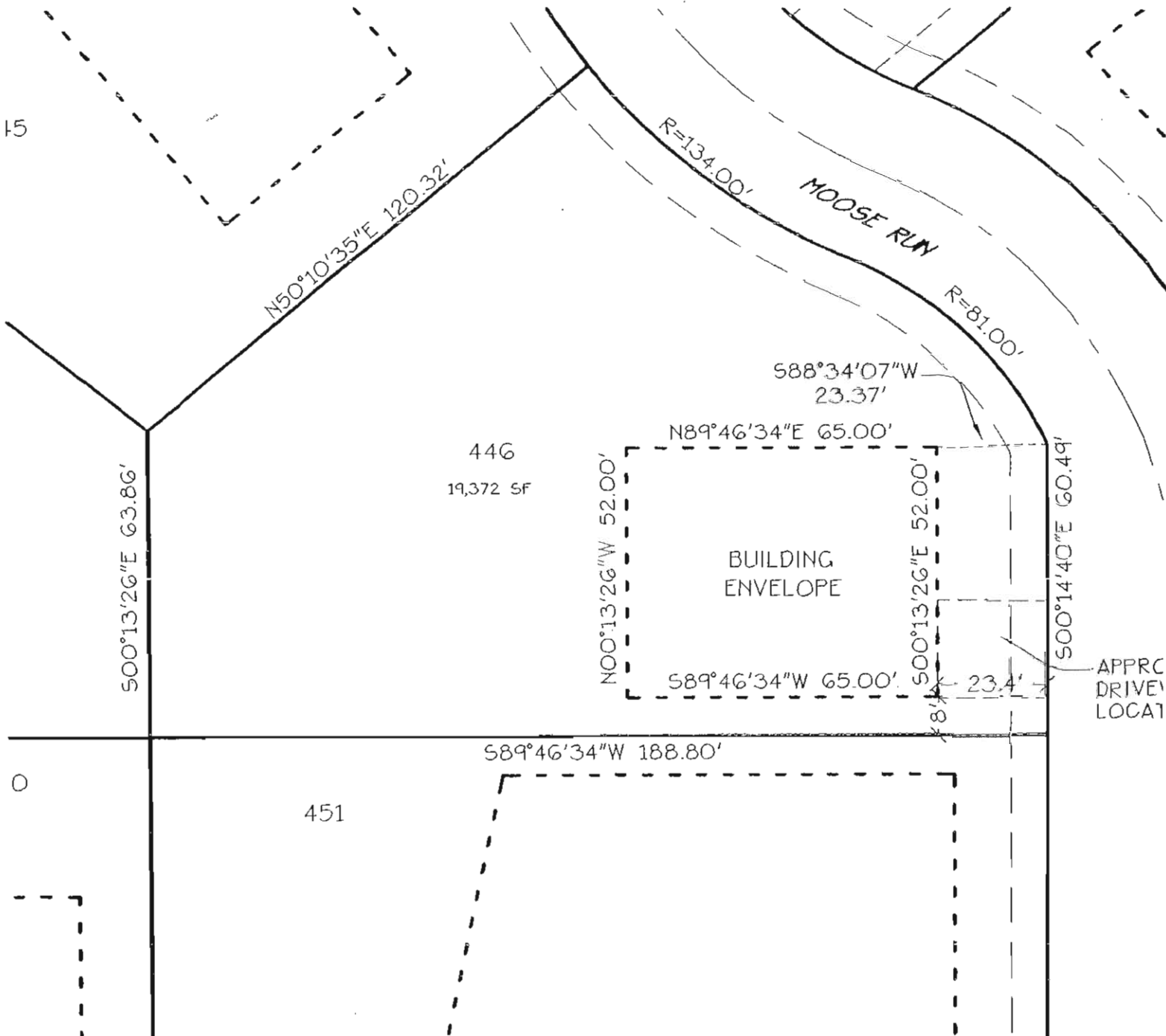
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 446

EXHIBIT "A"  
Page 7 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P5)  
File: dwa\03-3912\3912\_lotmeps.dwa (Brian Estes)

----- BUILDING ENVELOPE  
- - - - - PUBLIC UTILITY EASEMENT



**K & D ENGINEERING, Inc.**  
276 N.W. Hickory Street P.O. Box 725  
Astoria, Oregon 97131  
(541) 928-2583

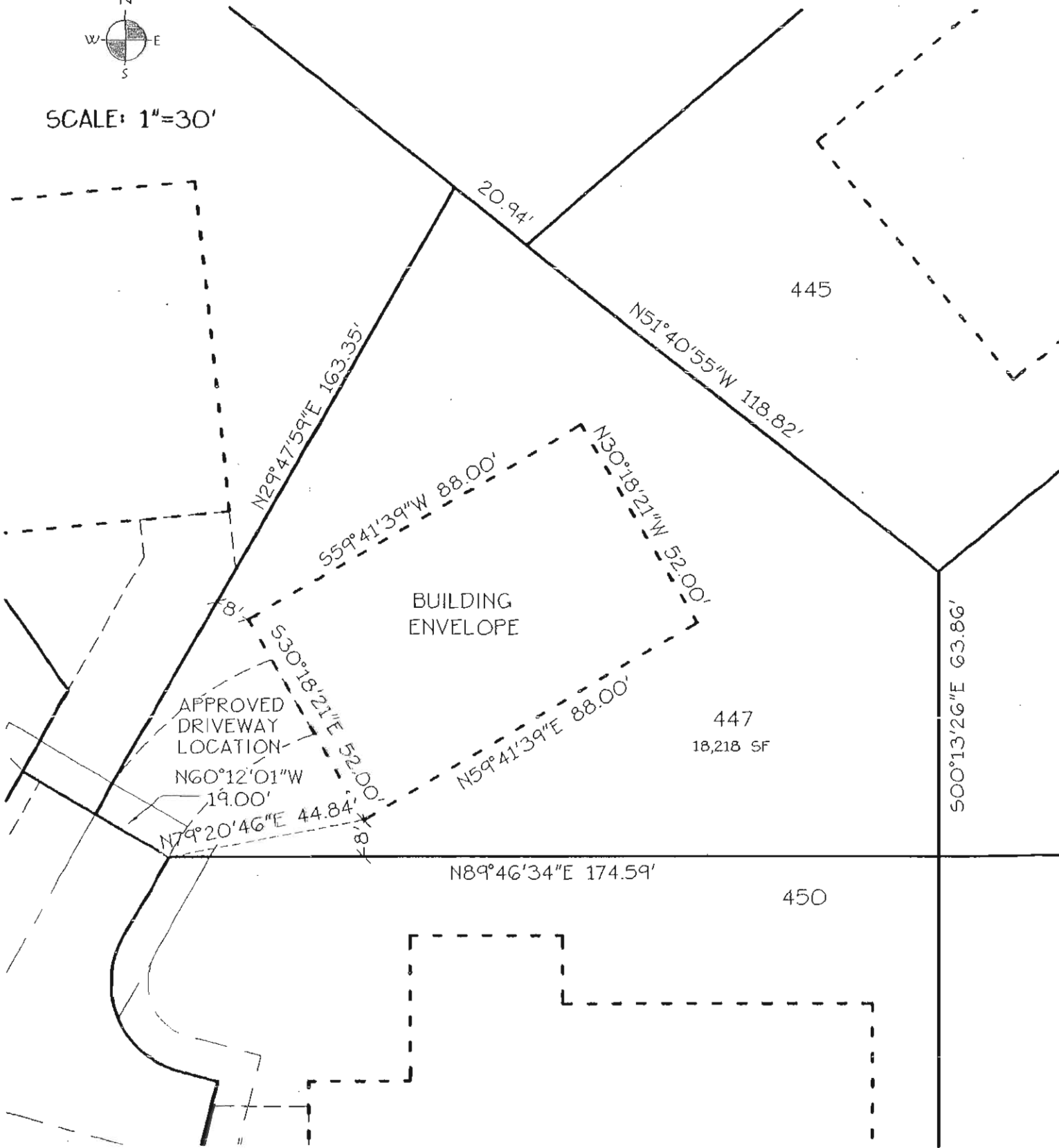
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 447

EXHIBIT "A"  
Page 8 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(PS)  
File: dwa\03-3912\3912\_lotmaps.dwg (Brian Estes)

--- BUILDING ENVELOPE  
— PUBLIC UTILITY EASEMENT



**K & D ENGINEERING, Inc.**  
278 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321



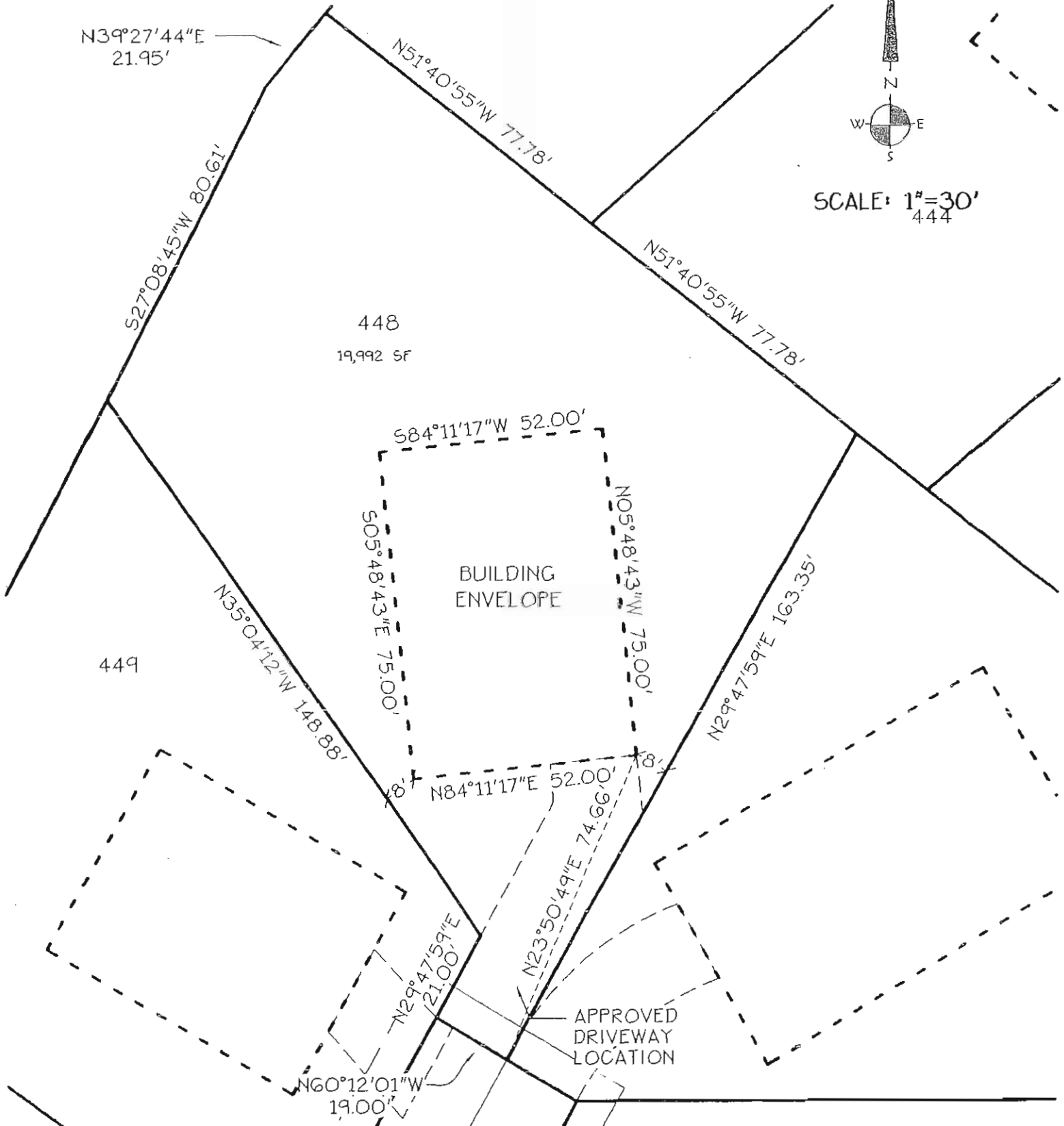
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 448

EXHIBIT "A"  
Page 9 of 12



SCALE: 1"=30'  
4.44



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P/S)  
File: dwg\03-3912\3912 Intmap.dwg (Brian Estes)

--- BUILDING ENVELOPE  
--- PUBLIC UTILITY EASEMENT



**K & D ENGINEERING, Inc.**  
278 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2683

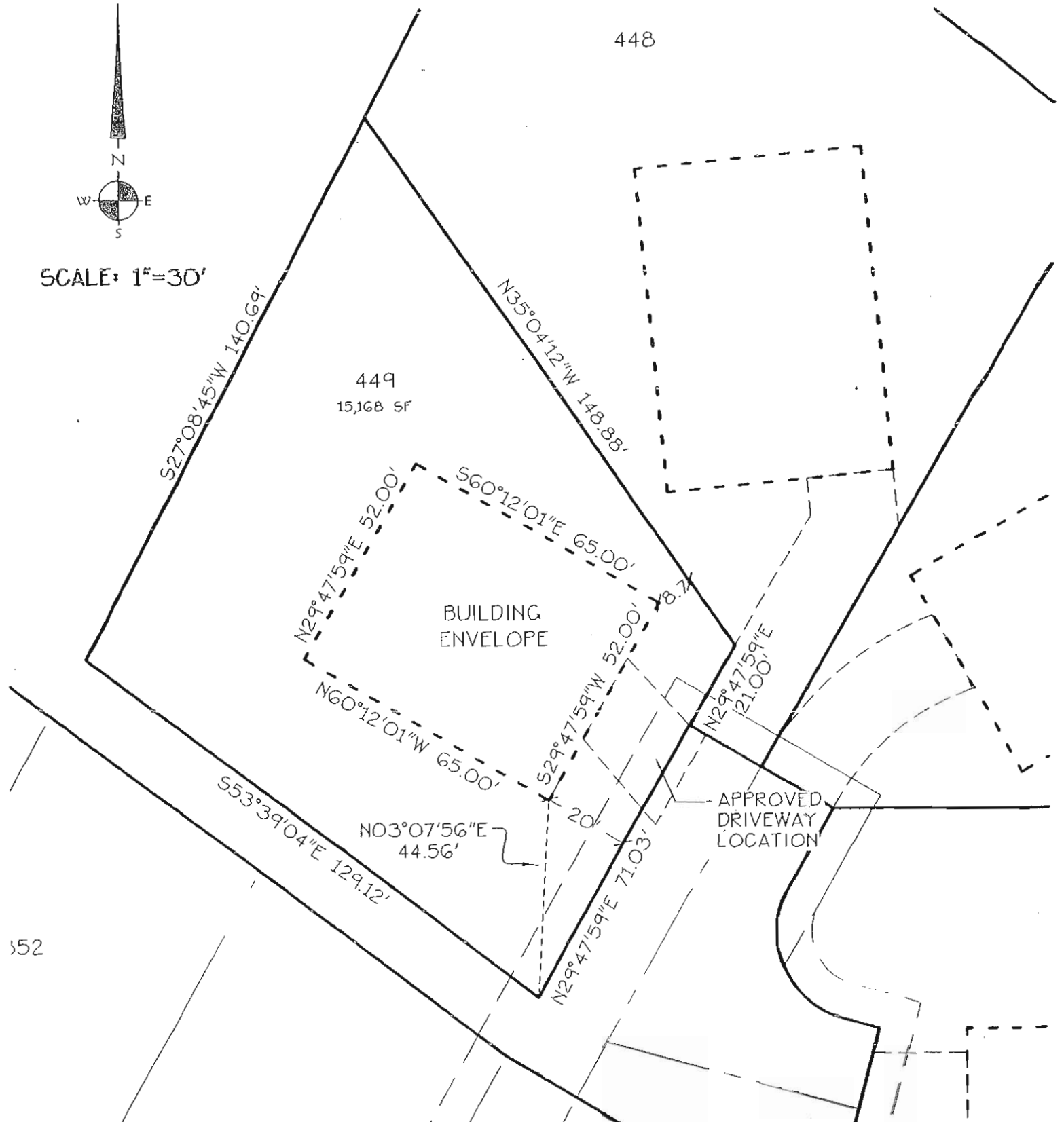
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

EXHIBIT "A"  
Page 10 of 12

OF  
LOT 449



SCALE: 1"=30'



52

Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P5)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

--- BUILDING ENVELOPE  
--- PUBLIC UTILITY EASEMENT  
--- THE LINE



**K & D ENGINEERING, Inc.**  
276 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2583

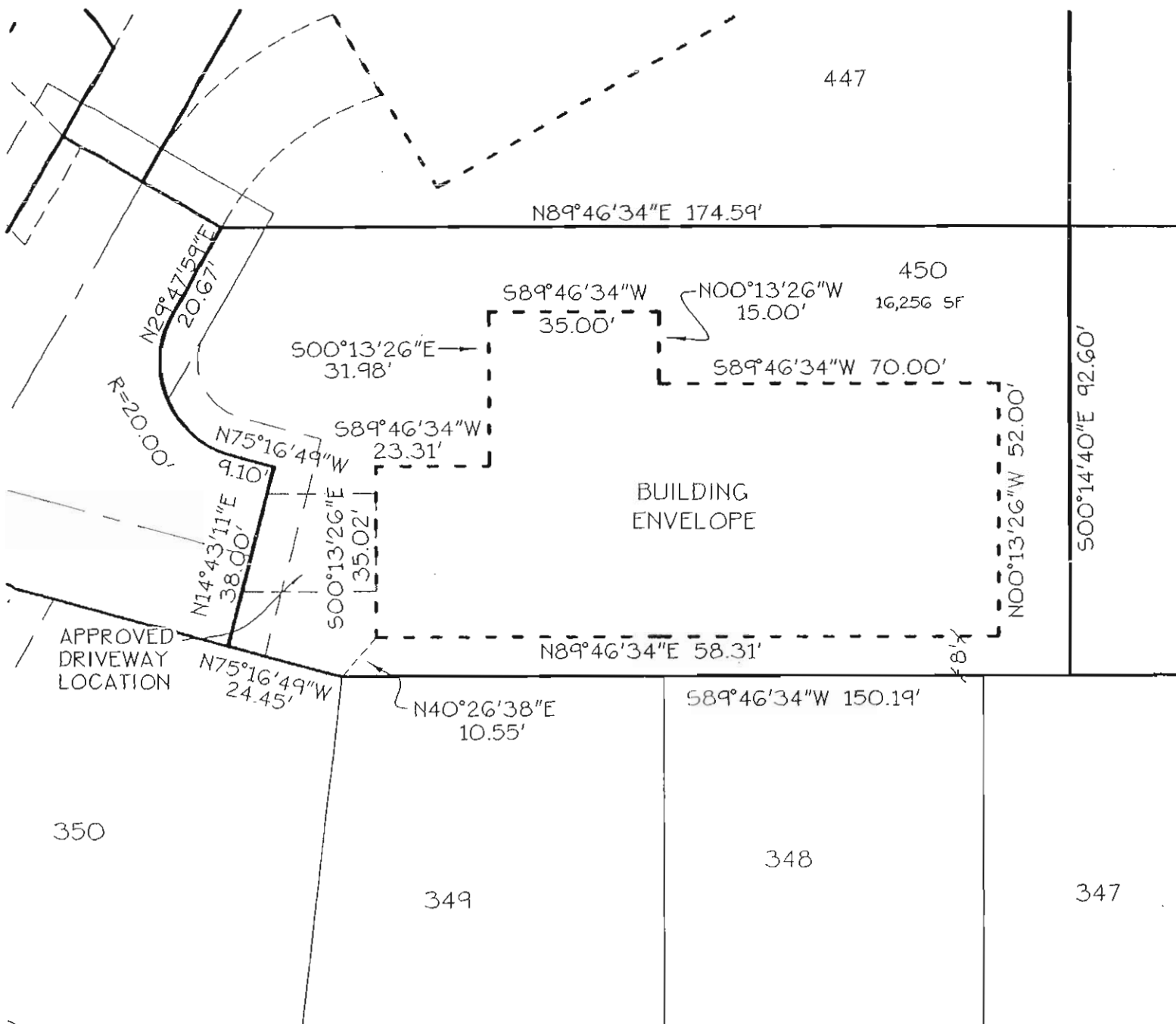
# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 450

EXHIBIT "A"  
Page 11 of 12



SCALE: 1"=30'



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P5)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

----- BUILDING ENVELOPE  
—— PUBLIC UTILITY EASEMENT

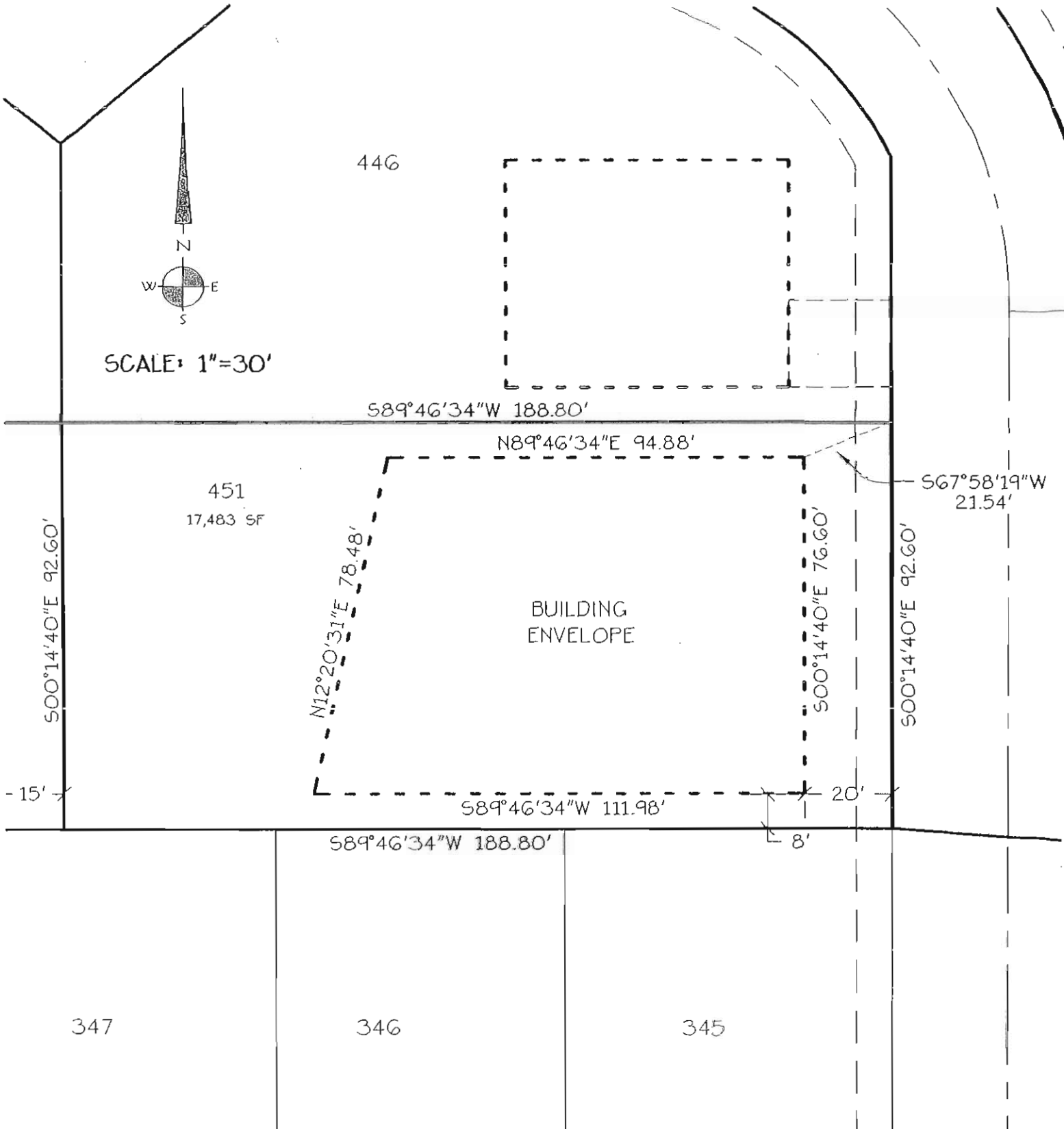


**K & D ENGINEERING, Inc.**  
276 N.W. Hickory Street P.O. Box 726  
Albany, Oregon 97321

# SPRING MEADOW-SIXTH ADDITION BUILDING ENVELOPE EXHIBIT MAP

OF  
LOT 451

EXHIBIT "A"  
Page 12 of 12



Date: 11/11/2004 Time: 14:20  
Scale: 1=30(P5)  
File: dwg\03-3912\3912\_lotmaps.dwg (Brian Estes)

----- BUILDING ENVELOPE  
- - - - - PUBLIC UTILITY EASEMENT  
- - - - - TIE LINE



**K & D ENGINEERING, Inc.**  
278 N.W. Hickory Street P.O. Box 725  
Albany, Oregon 97321  
(541) 928-2583

**SPRING MEADOW SUBDIVISION, PHASE X**  
**Principles That Will Guide Tree Removal**  
**May 2003**

PAGE 1 of 2

The following principles are intended to maximize the tree canopy in the subdivision to the extent consistent with public safety.

1. Design for the worst-case scenario. In the Willamette Valley worst-case conditions are winds in excess of 30 mph in conjunction with saturated soils. Our soils saturate every winter. There is a 1 in 5 chance in any given year that a 30-mile-per-hour or greater windstorm will occur. These storms generally come from the southwest.
2. Design with a known building envelope size and configuration.
3. Consider landscape position relative to storm winds. Topography can mitigate or exacerbate the power of storm winds.
4. Consider soils. Tree stands on somewhat poorly drained, poorly drained, or very poorly drained soils will not hold up well to thinning because high water tables result in shallow rooting.
5. Consider stand age. Tree stands less than 40 years old tend to be very resilient in the face of environmental change. These stands can be safely thinned more heavily.
6. The goal is to remove no more than 40 percent of the existing basal area starting with the suppressed trees and working up the crown classes.
7. Trees to preserve should have 30 percent or more live crown.
8. Trees to preserve should be in the dominant and co-dominant crown classes.
9. Remove conifers with multiple tops and forks.
10. Remove trees with sweep and lean in the direction and within reach of a target.
11. Remove trees with visible evidence of decay. This may include actual rot, voids, and fungal fruiting bodies. Recognize that there may be situations where trees otherwise suitable for retention may present hazards that could be mitigated by an arborist.
12. Remove trees with crown asymmetry in the direction and within reach of a target. These trees are normally found on the edge of the stand or along the edges of openings within the stand.
13. Remove trees with unavoidable damage to 50 percent or more of the ERZ. Such damage may be in the form of soil compaction, filling, trenching and rutting, or direct physical damage from grading. Trees with prospective damage to more than 25 percent of the ERZ but less than 50 percent may be candidates for extraordinary protection measures.
14. Remove trees where the ERZ shows visible evidence of soil cracking or mud pumping.

- 15. When removing more than 40 percent of the existing basal area on a lot leave only the most wind firm specimens of the dominant crown class. Thinning more than 40 percent of the existing basal area may trigger the need for alternative site design effort.
- 16. Protect trees that are to be preserved during building operations.
  - a. Consider running house utilities under the driveway.
  - b. End haul material pushed out for foundations.
  - c. Stockpiles and equipment should be placed on a 1-foot-thick pad of wood chips plus a load bearing covering if on an ERZ. (Save the tub grindings from clearing).
  - d. Trees that are preserved should be conspicuously marked. ERZs should be cordoned off in such a way that entry is obvious.
  - e. The construction contractor is responsible for tree protection. Communication with crew and suppliers is key.

U:\Planning\Current\2003\03sd01sp.dd.doc

STATE OF OREGON  
County of Linn

I hereby certify that the attached  
was received and duly recorded  
by me in Linn County records.

STEVE DRUCKENMILLER  
Linn County Clerk

M  
R 135  
S  
ALL  
O

146

2004 DEC 30 P 2:45

By SW Deputy MF 1663  
PAGE 257