

# BOUNDARY SURVEY

LOCATED IN THE NE 1/4 AND NW 1/4 OF SECTION 4, TOWNSHIP 23 SOUTH, RANGE 7 WEST, W.M.;  
THE SE 1/4 AND THE SW 1/4 OF SECTION 33, TOWNSHIP 22 SOUTH, RANGE 7 WEST, W.M.  
DOUGLAS COUNTY, OREGON

FILED  
Date: 2/14/2012 By: [Signature]  
This survey consists of:  
Map: M163-30 AC  
Narrative:  
Corner Rpt:

DOUGLAS COUNTY  
SURVEYOR

SURVEY FOR: ELKTON RESERVE, LLC AND  
THE UNITED STATES OF AMERICA

NRCS EASEMENT #82-0436-10-011NK

**NARRATIVE**  
THE PURPOSE OF THIS SURVEY WAS TO LOCATE AND MONUMENT THE BOUNDARIES OF A CONSERVATION EASEMENT TO BE GRANTED FROM THE ELKTON RESERVE, LLC TO THE UNITED STATES.

BOUNDARIES WERE MARKED WITH MONUMENTS ESTABLISHED AT INTERVALS AS SHOWN HEREON. GREEN STEEL U-CHANNEL POSTS WITH NATURAL RESOURCE CONSERVATION SERVICE SIGNS WERE SET NEAR ALL FOUND AND SET EASEMENT ANGLE POINTS. A PORTION OF THE NEW EASEMENT BOUNDARY ADJOINS AN EASEMENT PREVIOUSLY GRANTED TO THE UNITED STATES. ALONG THIS BOUNDARY NEW SIGNS WERE PLACED ON THE EXISTING POSTS AS DIRECTED.

REFERENCE TO THE STATE PLANE GRID IS BASED ON GPS OBSERVATIONS PROCESSED VIA THE NGS-OPUS PROGRAM. SAID OBSERVATIONS UTILIZED BASE STATIONS: DCSO, CORV & LPSB.

SECTION 4 WAS SUBDIVIDED BASED ON FOUND MONUMENTATION AS SHOWN. THE 1/4 CORNER COMMON TO SECTIONS 4 & 3 WAS MONUMENTED BY SINGLE PROPORTION BY TWO SURVEYORS, PHILLIPS IN 1954 (CS41-380) AND HAINES IN 1955 (M16-23). BOTH OF THESE MONUMENTS WERE FOUND DURING THIS SURVEY. HAINES' PLAT DOES NOT MENTION FINDING THE PHILLIPS MONUMENT. PHILLIPS SURVEY MAKES REFERENCE TO A STEEL AXLE AND ORIGINAL OAK BEARING TREE AT THE SE CORNER OF SECTION 4. THIS IS CONSISTENT WITH THE HISTORIC DESCRIPTION OF THIS CORNER. HAINES PLAT HOWEVER SHOWS THIS SE CORNER AS A 3/4" IRON PIPE AND DOES NOT PROVIDE BEARING TREE INFORMATION. I HELD THE PHILLIPS MONUMENT AS I BELIEVE HE PROPORTIONED IT USING PROPER PROCEDURES AND REFERENCING THE CORRECT MONUMENT AT THE SE CORNER OF SECTION 4.

ALTHOUGH HAINES' T-IRON AT THE NORTH 1/16 CORNER BETWEEN SECTIONS 4 & 3 FALLS VERY CLOSE TO MY CALCULATED POSITION, I DID NOT HOLD HIS MONUMENT DUE TO HIS USAGE OF THE 3/4" IRON PIPE AT THE SOUTHEAST SECTION CORNER. I SET A NEW MONUMENT FOR THIS POSITION.

THE RIGHT-OF-WAY OF FERN DRIVE WAS LOCATED AS SHOWN ON SHEET 2.

EQUIPMENT USED TO PERFORM THIS SURVEY INCLUDED A NIKON NIVO-2 TOTAL STATION, TRIMBLE TSC2 DATA COLLECTOR WITH TDS SOFTWARE, TRIMBLE 5800 GPS RECEIVER AND A TRIMBLE 5700 GPS RECEIVER.

ASSISTING IN THIS SURVEY WERE JOHN HOSHALL AND DANNY DEAN.

**CERTIFICATION**  
THE UNDERSIGNED CERTIFIES THAT THIS SURVEY WAS DONE ON THE GROUND IN ACCORDANCE WITH ORS 209.250.

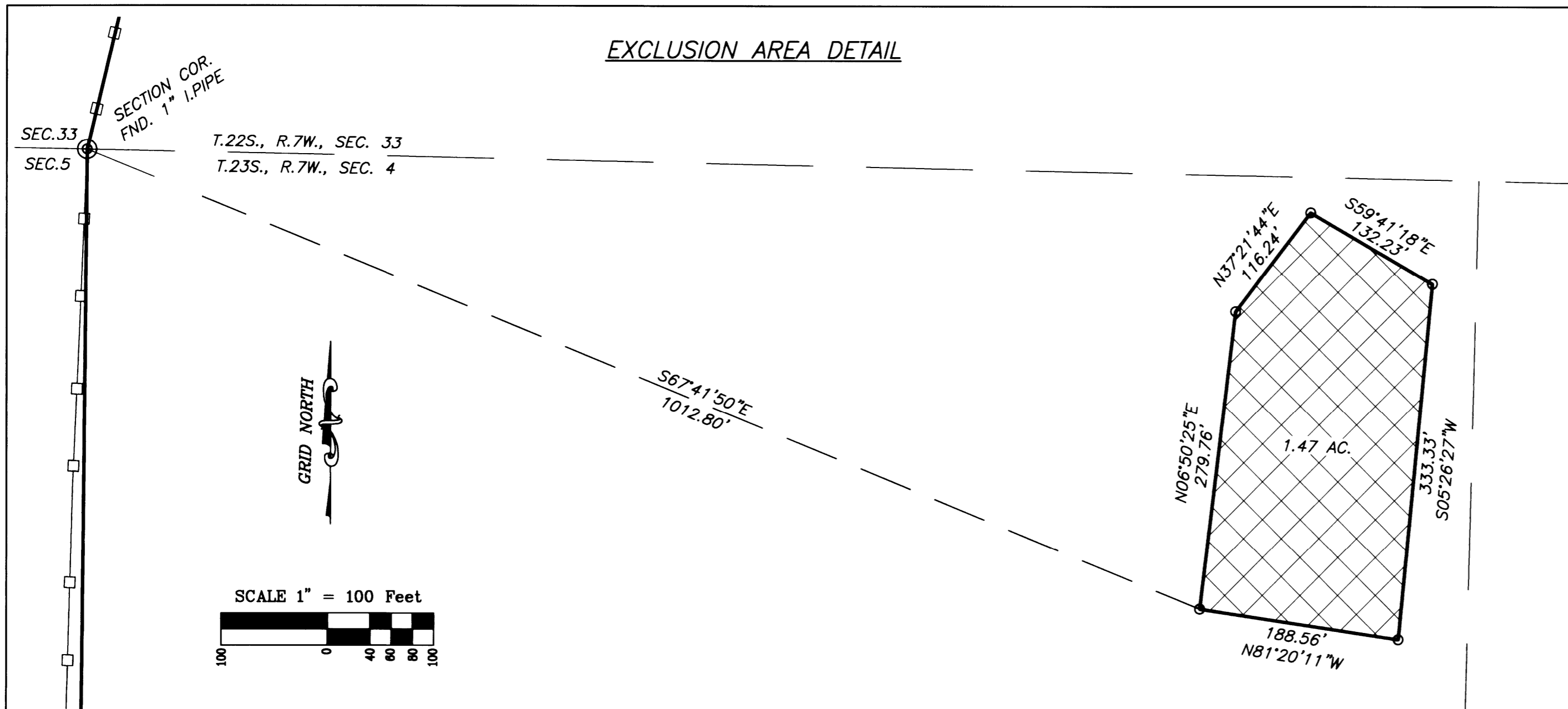
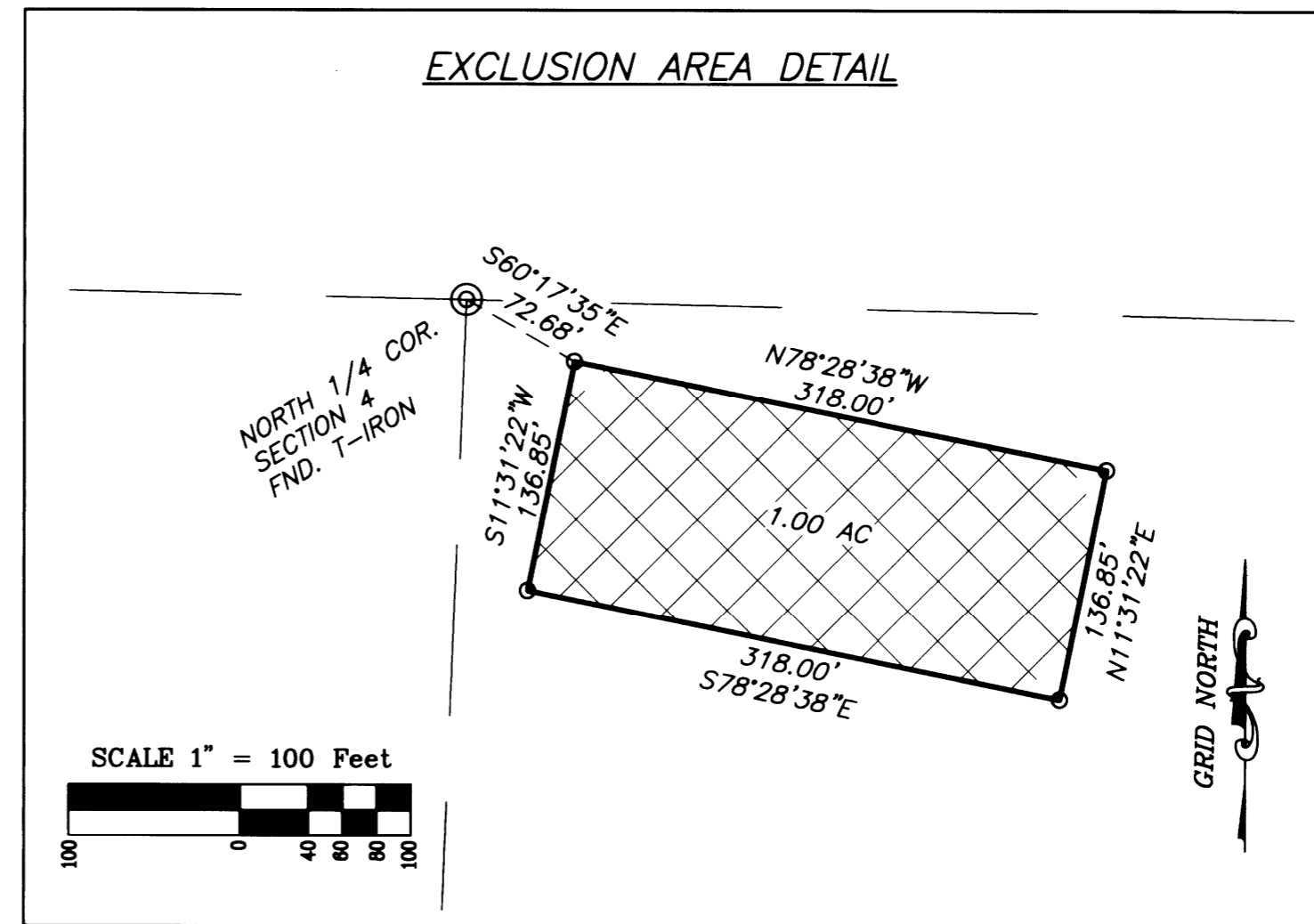
COREY M. WOODRUFF, PLS

**REFERENCE SURVEYS**  
R1) RM2-36 BY W.BARNES, OCTOBER 1972  
R2) DS-006 & DS-007 BY W.BARNES, AUGUST 1971  
R3) M38-69 BY W.HAINES, DECEMBER 1969  
R4) M18-33 BY W.HAINES, 1960  
R5) CS41/380 BY J.PHILLIPS, AUGUST 1954  
R6) M160-60 A & B BY C.WOODRUFF, APRIL 2010  
R7) M16-23 BY W.HAINES, DECEMBER 1955

**BASIS OF BEARING**  
GRID NORTH, OREGON STATE PLANE (SOUTH ZONE), NAD 83  
CONVERGENCE ANGLE = -2°04'29"

DISTANCES SHOWN HEREON ARE GRID, INTERNATIONAL FEET  
A COMBINED SCALING FACTOR OF .99988750 WAS APPLIED TO ALL CONVENTIONAL GROUND MEASUREMENTS.

TO CONVERT GRID DISTANCES TO GROUND DIVIDE THE GRID DISTANCE BY THE COMBINED SCALING FACTOR.



**LEGEND**

- ⊙ FOUND MONUMENT AS NOTED
- SET 5/8"x30" I. ROD W/YELLOW PLASTIC CAP MKD. "STUNTZNER ENG." W/ GREEN STEEL WITNESS POST AND NATURAL RESOURCE CONSERVATION SERVICE SIGN SET ALONGSIDE
- CALCULATED POSITION
- ( ) RECORD DIMENSION
- ▨ AREA EXCLUDED FROM EASEMENT
- FENCE

REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

[Signature]  
OREGON  
July 12, 2009  
Corey M. Woodruff  
62978  
EXPIRES 6/30/12

**Stuntzner** Engineering & Forestry, LLC  
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JOB #: 11-3-163	PREPARED FOR:	ELKTON RESERVE, LLC AND THE UNITED STATES OF AMERICA
DATE: 1/2012	DRAWN BY: CMW	CHECKED BY: CMW
FILE NAME: 11-163 Branscomb- NRCS PLAT.dwg	SHEET 3 OF 3	

MAP FILE M163-30C

MAP FILE M163-30C