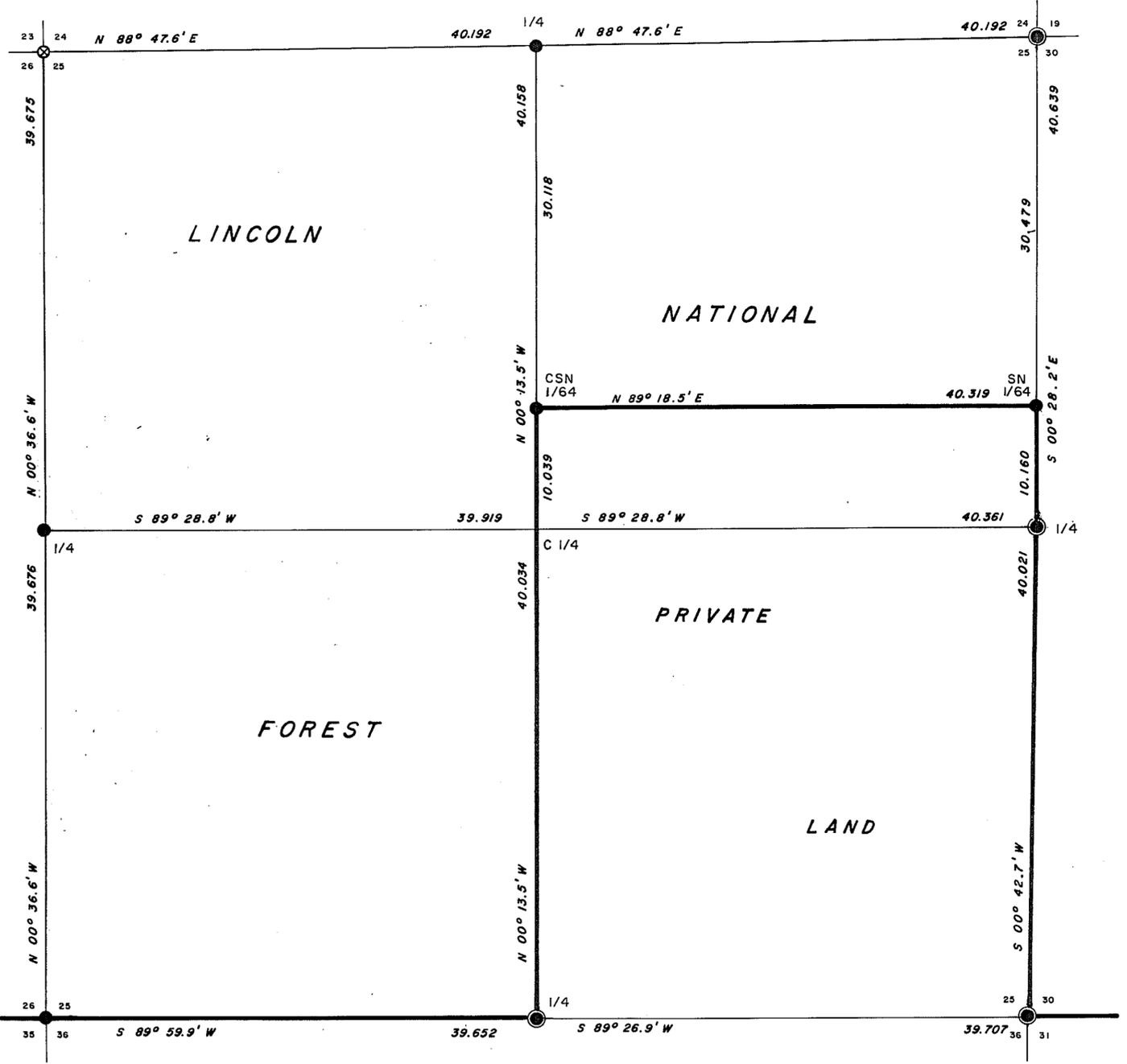


**SURVEY AND MONUMENTATION OF SECTION 25  
T18S, R15E, NMPM, OTERO COUNTY, NEW MEXICO**  
**A PORTION OF THE LINCOLN NATIONAL FOREST PROPERTY BOUNDARY**



**CERTIFICATION**

This plat represents a record of the survey, subdivision and monumentation of Section 25, T.18 S., R. 15 E., NMPM, Otero County, New Mexico, which constitutes a portion of the property boundaries of Lincoln National Forest.

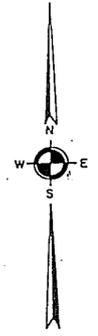
The original subdivision of T.18 S., R.15 E., was executed by Samuel R. Biggs, U.S. Deputy Surveyor in 1884. A dependent resurvey of the east boundary of the township was made in 1931 by Thomas D. Daley of the U.S. General Land Office. Certain corners on the subdivisional lines of the township were re-monumented in 1961 by the Bureau of Land Management. These surveys are an official record of the Bureau of Land Management in Santa Fe.

This survey, subdivision and monumentation is for the purpose of identifying and perpetuating the evidence of the previous official surveys, was made at the request of the Supervisor, Lincoln National Forest and is intended for his exclusive use.

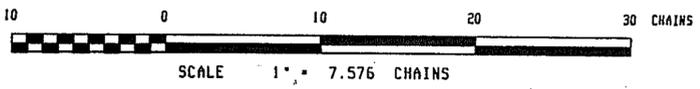
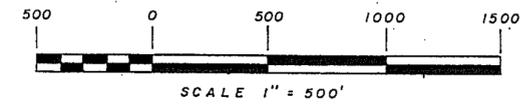
I certify that this survey, subdivision and monumentation was made by me or my assistants under my supervisory direction in August 1990, that it meets the Minimum Standards for Land Surveying in New Mexico, and that same is true and correct to the best of my knowledge.

Wilfried E. Roeder, Professional Surveyor, New Mexico Registration No. 4691, Lincoln National Forest, Alamogordo, New Mexico.

*Wilfried E. Roeder 9/11/90*  
Wilfried E. Roeder



BEARINGS BASED ON SOLAR OBSERVATION



- ⊙ FOUND MARKED STONE
- GLO/BLM BRASS CAP
- SET ALUMINUM POST WITH CAP

STATE OF NEW MEXICO  
OTERO COUNTY  
FILED FOR RECORD IN MY OFFICE  
This 13<sup>th</sup> day of Sept 1990  
At 2:30 o'clock A M and duly recorded  
in Book No. 41 Page 38-39  
the records of Otero County, New Mexico  
County Clerk, Otero County, New Mexico  
By Christina N. [Signature]  
6942

THIS PLAT WAS PREPARED BY SOUTHWEST ENGINEERING INC. FROM INFORMATION PROVIDED BY LINCOLN NATIONAL FOREST U.S.D.A.

LINCOLN NATIONAL FOREST		SEI JOB NO. A-90-141	REVISIONS
DATE 4 SEP 90	SCALE 1" = 500'	DRAWN BY MU	SHEET 1 OF 2
SOUTHWEST ENGINEERING, INC.			
475 ARCHULETA RD., LAS CRUCES, NEW MEXICO 88005 (505) 520-3381			
1000 ZUNI DR., ALAMOGORDO, NEW MEXICO 88310 (505) 437-1501			

SECTION 25 T18 R15S

BK 41 PG 38-39

**SURVEY AND MONUMENTATION OF SECTION 25  
T18S, R15S, NMPM, OTERO COUNTY, NEW MEXICO**

Commence this survey at the 1/4 section corner of sections 25 and 30, T. 18 S., Rs. 15 and 16 E., as evidenced by a GLO iron post firmly set, proj. 16 ins. above ground, with the original mkd. stone alongside, with brass cap mkd.

1/4  
S25 | S30  
1931

from which old bearing trees:

A pinon, 12 ins. diam., dead and down, bears N 67°W, 123 lks. dist., mkd. 1/4 S 25 BT.  
A pinon, 12 ins. diam., dead and down, bears S 41°E, 111 lks. dist., mkd. 1/4 S 30 BT.

Thence: S 00°42.7'W (1931 record: S 0°33'W), between sections 25 and 30, 40.021 chs. (1931 record: 40.10) at which point, Intersect the corner of sections 25, 30, 31, and 36, as evidenced by a GLO iron post, proj. 30 ins. above ground in a supporting mound of stone, with brass cap mkd.

T 18 S  
R 15 E R 16 E  
S 25 | S 30  
S 36 | S 31  
1931

from which old bearing trees:

A juniper, 14 ins. diam., bears N 67°00'E, 136 lks. dist., with a closed blaze.  
A juniper, 12 ins. diam., bears S 26°30'E, 83 lks. dist., mkd. T18S R16E S31BT  
A juniper, 12 ins. diam., bears S 67°45'W, 141 lks. dist., mkd. T18S R15E S36BT  
A juniper, 10 ins. diam., bears N 31°00'E, 142 lks. dist., mkd. T18S R15E S25BT

Thence: S 89°26.9'W, (1884 record: S 89°50') between sections 25 and 36, 39.707 chs. (1884 record: 39.91) at which point, Intersect the 1/4 section corner of sections 25 and 36, as evidenced by a BLM iron post, top flush with ground, with brass cap mkd.

T 18 S R 15 E  
1/4 S 25  
S 36  
1961

Corner is 50 lks. west of a cattle guard.

Thence:

S 89°59.9'W, (1884 record: S 89°50'W) between sections 25 and 36, 39.652 chs. (1884 record: 39.92) at which point, Intersect the corner of sections 25, 26, 35, and 36, as evidenced by an old fence corner post, from which a barbed wire fence extends E., W., and S. There is no remaining evidence of original mkd. stone. This point is harmoniously related to adjoining corners and I accept it as the best available evidence. Set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 22 ins. in ground, with aluminum cap mkd.

T 18 S R 15 E  
S 26 | S 25  
S 35 | S 36  
LS 4691  
1990

from which:

A cedar, 23 ins. diam., bears N 41°E, 45 1/2 lks. dist., mkd. S 25 BT.

Thence:

N 00°36.6'W (1884 record: NORTH) between sections 25 and 26, 39.676 chs. (1884 record: 40.00) proportional distance. Find no traces of original 1/4 corner, set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 22 ins. in ground, with aluminum cap mkd.

T 18 S R 15 E  
1/4  
S 26 | S 25  
LS 4691  
1990

from which:

A pinon, 7 ins. diam., bears N 20 E, 1 1/2 lks. dist., mkd. X BT.

Continue N 00 36.6'W,

79.351 chs. (1884 record: 80.00), at which point, Intersect the corner of sections 23, 24, 25, and 26, as evidenced by a limestone meas. 20 x 12 x 6 ins., loosely set alongside a small mound of stone, mkd. with 2 grooves on south and 1 groove on east faces.

Mark new bearing trees:

A cedar, 7 ins. diam., bears S 7°W, 19 lks. dist., blazed, not scribed.  
A cedar, 12 ins. diam., bears S 39°E, 39 lks. dist., blazed, not scribed.  
A cedar, 15 ins. diam., bears N 63°E, 20 lks. dist., blazed, not scribed.

Thence:

N 88°47.6'E (1884 record: N 89°55'E), between sections 24 and 25, 40.192 chs. (1884 record: 40.03) proportional distance. Find no traces of original 1/4 corner, set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 12 ins. in ground, with aluminum cap mkd.

T 18 S R 15 E  
1/4 S 24  
S 25  
LS 4691  
1990

from which:

A cedar, 15 ins. diam., bears N 4°E, 43 lks. dist., mkd. X BT.  
A cedar, 13 ins. diam., bears S 5°E, 50 lks. dist., mkd. X BT.

Continue N 88°47.6'E

80.384 chs. (1884 record: 80.06) at which point, Intersect the corner of sections 19, 24, 25, and 30, as evidenced by a GLO iron post, proj. 23 ins. above ground in a supporting mound of stone, with brass cap mkd:

T 18 S  
R 15 E R 16 E  
S 24 | S 19  
S 25 | S 30  
1921

from which old bearing trees:

A pinon, 13 ins. diam., dead and down, bears N 45°15'E, 61 lks. dist., mkd. T18S R16E S19 BT.

The root system and a detached piece of a pinon bears S 33°15'E, 15 lks. dist., mkd. T18S R16E S30 BT.

Thence:

S 00°28.2'E (1931 record: S 00°25'E), between sections 25 and 30, 30.479 chs. proportional distance for S N 1/64 corner, at which point, Set an aluminum post, 2 1/2 ins. diam., 30 ins. long, 8 ins. in ground, with aluminum cap mkd.

T 18 S  
R 15 E R 16 E  
S N 1/64  
S 25 | S 30  
LS 4691  
1990

Build a supporting mound of stone around post, 3 ft. base to top of cap.

Continue S 00°28.2'E

40.639 chs. (1931 record: 41.33) at which point, Intersect the 1/4 section corner of sections 25 and 30, from which I started.

Return to the 1/4 section corner of sections 25 and 36, previously described.

Thence:

N 00°13.5'W, along the meridional centerline of section 25, 40.034 chs. intersect the latitudinal centerline of section 25, not monumented. 50.073 chs., proportional distance for C S N 1/64 corner, at which point, Set an aluminum post, 2 1/2 ins. diam., 30 ins. long, on outcropping bedrock, with aluminum cap mkd.

T 18 S R 15 E  
C S N 1/64  
S 25  
LS 4691  
1990

Build a supporting mound of stone around the post, 2 1/2 ft base to top of cap, from which:

A cedar, 11 ins. diam., bears N 67°E, 60 lks. dist., mkd. X BT.

Continue N 00°13.5'W,

80.191 chs. at which point, Intersect the 1/4 section corner of sections 24 and 25, previously described.

END OF SURVEY



THIS PLAT WAS PREPARED BY SOUTHWEST ENGINEERING INC. FROM INFORMATION PROVIDED BY LINCOLN NATIONAL FOREST U.S.D.A.

LINCOLN NATIONAL FOREST				SEI JOB NO. A-90-141		REVISIONS	
DATE	SCALE	DRAWN BY	SHEET				
4 SEP 90	1" = 500'	MU	2 OF 2				
<b>SOUTHWEST ENGINEERING, INC.</b>							
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