

RECORD OF SURVEY
FOR A LEASE AREA
SECTIONS 16, 20 AND 21, T11S, R45E, W.M.

LEGEND

LEASE BOUNDARY LINE	—————
SECTION LINE	-----
1/4 SECTION LINE	- - - - -
1/16 SECTION LINE	- · - · -
ORIGINAL TAX LOT BOUNDARIES	—————
OF RECORD	()
1938 G.L.D. BRASS CAP MONUMENT	⊙
SET 5/8"X30"REBAR	○

LEASE DESCRIPTION:

In Section 21, T11S, R45E, W.M.
The NW1/4 NE1/4.

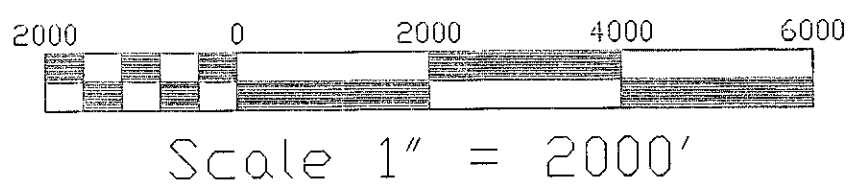
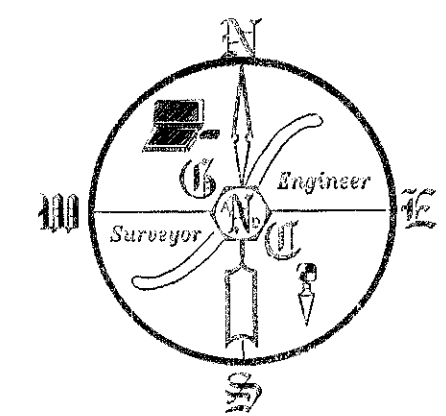
In Section 20, T11S, R45E, W.M.
All that portion of the NE1/4 NE1/4 lying southeasterly of the following described line:
Beginning at the Northeast Corner of said Section 20; thence S 21°55'09" W, 361.03 Feet to a 5/8" rebar, thence S 28°16'53" W, 313.60 Feet to a 5/8" rebar, thence S 69°29'35" W, 551.64 Feet to a 5/8" rebar, thence S 21°50'55" W, 520.26 Feet to a point on the south line of said NE1/4 NE1/4 marked by a 5/8" rebar, and being the Point of Terminus for this description.

In Section 16, T11S, R45E, W.M.
All of the NE1/4 NE1/4 and all those parts of the SW1/4 NW1/4, SW1/4 NE1/4 and the NW1/4 NE1/4 said Section 16 lying southeasterly of the following described line:
Beginning at the Southwest corner of said Section 16; thence N 13°26'23" E, 460.81 Feet to a 5/8" rebar, thence N 48°03'59" E, 112.58 Feet to a 5/8" rebar, thence N 48°03'59" E, 122.72 Feet to a 5/8" rebar, thence N 44°17'14" E, 568.95 Feet to a 5/8" rebar, thence N 40°58'26" E, 500.32 Feet to a 5/8" rebar, thence N 45°29'39" E, 323.38 Feet to a 5/8" rebar, thence N 33°55'26" E, 708.35 Feet to a 5/8" rebar, thence N 33°29'11" E, 514.97 Feet to a 5/8" rebar, thence N 07°05'11" E, 379.42 Feet to a 5/8" rebar, thence N 21°11'16" E, 560.22 Feet to a 5/8" rebar, thence N 69°47'28" E, 554.02 Feet to a 5/8" rebar, thence N 61°03'42" E, 359.72 Feet to a 5/8" rebar, thence N 16°46'42" E, 451.76 Feet to a 5/8" rebar, thence N 00°50'40" W, 165.57 Feet to a 5/8" rebar, thence N 02°55'06" E, 263.83 Feet to a 5/8" rebar, thence N 00°50'40" W, 165.57 Feet to a 5/8" rebar, thence N 02°55'06" E, 263.83 Feet to a 5/8" rebar, thence N 27°29'39" E, 209.46 Feet to a 5/8" rebar, thence N 30°40'00" W, 279.99 Feet to a 5/8" rebar, said point being a point on the North Line of said Section 16, from which the North 1/4 Corner bears S 89°53'32" W, 2165.33 Feet, and also from which the Northeast Corner bears N 89°53'32" E, 2165.33 Feet, and being the Point of Terminus for this description.

TOTAL LEASE ACREAGE IS 267.5 ACRES±

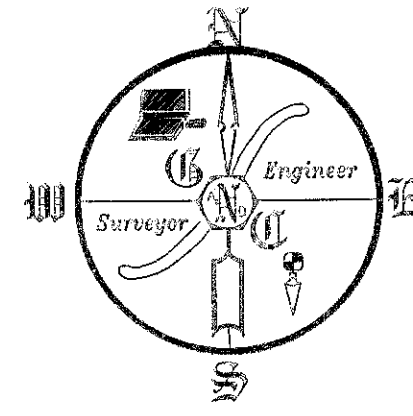
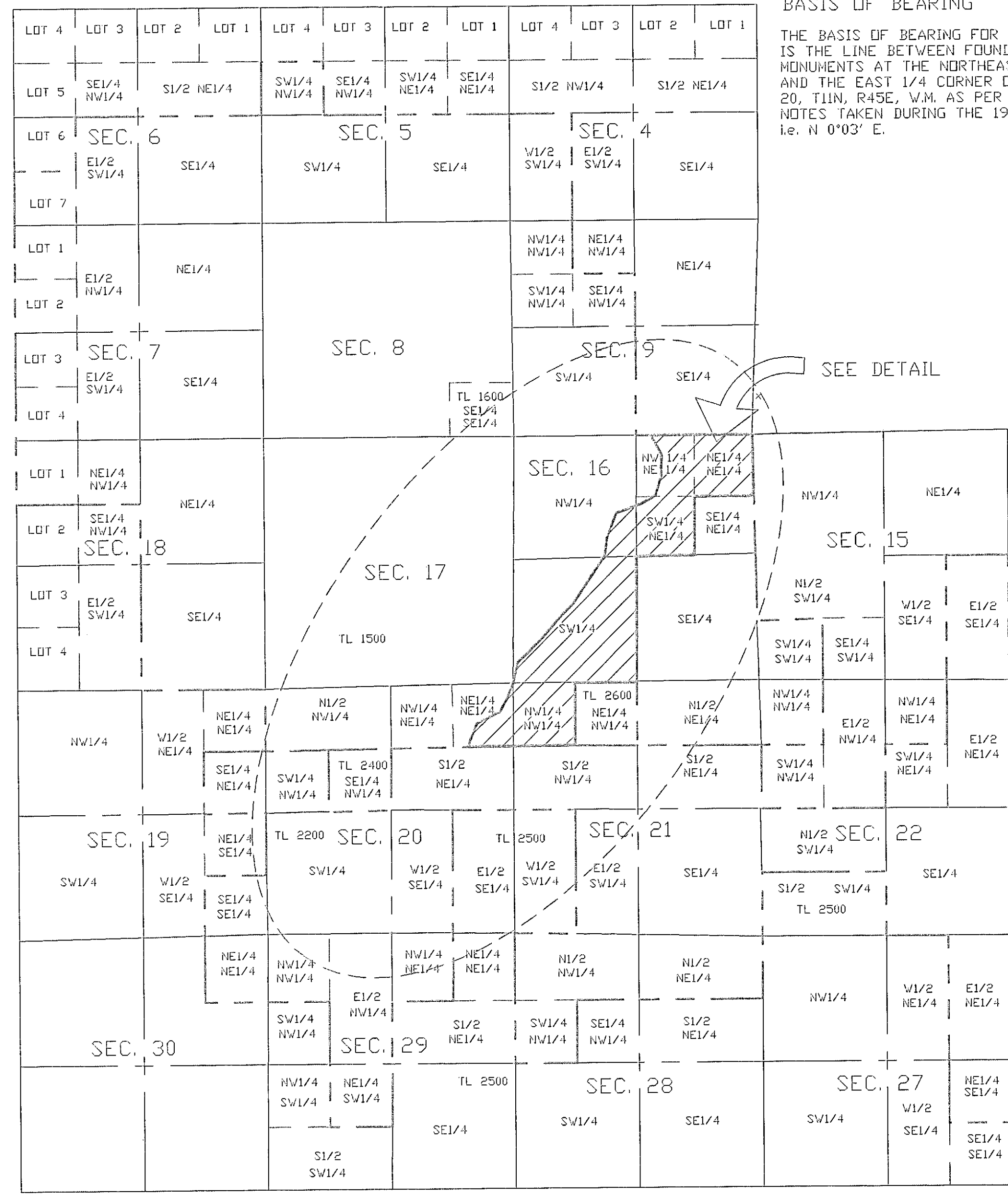
LINE TABLE

NUMBER	DIRECTION	DISTANCE
L1	N 89°53'32" E	304.33'
L2	N 30°00'00" W	279.99'
L3	N 27°29'39" W	209.46'
L4	N 02°55'06" E	263.83'
L5	N 00°50'40" W	165.57'
L6	N 16°46'42" E	451.76'
L7	N 61°03'42" E	359.72'
L8	N 69°47'28" E	554.02'
L9	N 21°11'16" E	560.22'
L10	N 07°05'11" E	379.42'
L11	N 33°29'11" E	514.97'
L12	N 33°55'26" E	708.35'
L13	N 45°29'39" E	323.38'
L14	N 40°58'26" E	500.32'
L15	N 44°17'14" E	568.95'
L16	N 48°03'51" E	112.58'
L17	N 48°03'59" E	122.72'
L18	N 13°26'23" E	460.81'
L19	S 21°55'09" W	361.03'
L20	S 28°16'53" W	313.60'
L21	S 69°29'35" W	551.64'
L22	S 21°50'55" W	520.26'
L23	N 88°58'52" E	333.52'



BASIS OF BEARING

THE BASIS OF BEARING FOR THIS SURVEY IS THE LINE BETWEEN FOUND U.S.G.L.D. MONUMENTS AT THE NORTHEAST CORNER AND THE EAST 1/4 CORNER OF SECTION 20, T11N, R45E, W.M. AS PER THE FIELD NOTES TAKEN DURING THE 1938 SURVEY i.e. N 0°03' E.

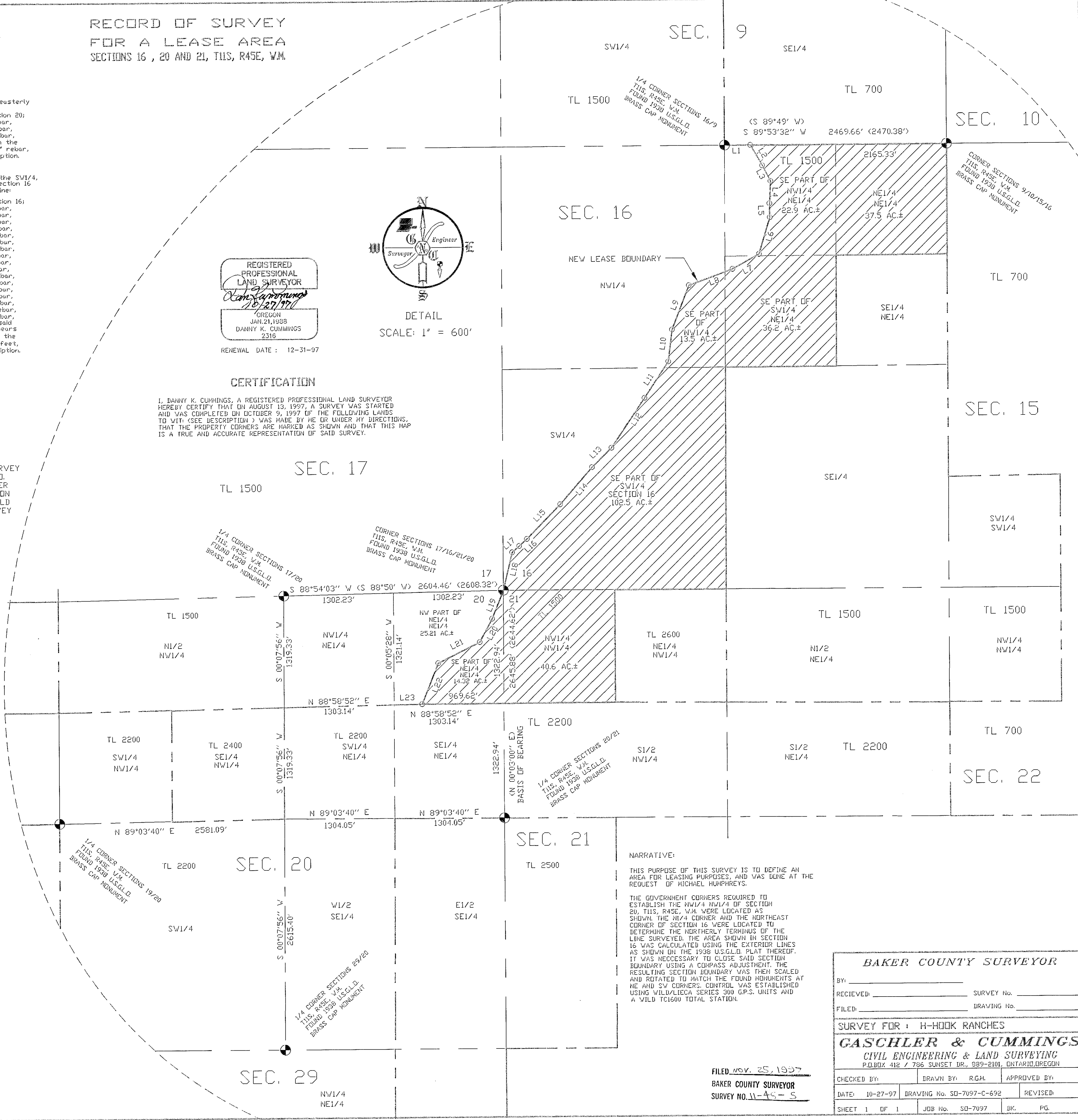


DETAIL
SCALE: 1" = 600'

REGISTERED PROFESSIONAL LAND SURVEYOR
Danny K. Cummings
12/27/1971
OREGON
JAN. 21, 1988
DANNY K. CUMMINGS
2316
RENEWAL DATE: 12-31-97

CERTIFICATION

I, DANNY K. CUMMINGS, A REGISTERED PROFESSIONAL LAND SURVEYOR HEREBY CERTIFY THAT ON AUGUST 13, 1997, A SURVEY WAS STARTED AND WAS COMPLETED ON OCTOBER 9, 1997 OF THE FOLLOWING LANDS TO WIT: (SEE DESCRIPTION) WAS MADE BY ME OR UNDER MY DIRECTIONS, THAT THE PROPERTY CORNERS ARE MARKED AS SHOWN AND THAT THIS MAP IS A TRUE AND ACCURATE REPRESENTATION OF SAID SURVEY.



NARRATIVE:
THIS PURPOSE OF THIS SURVEY IS TO DEFINE AN AREA FOR LEASING PURPOSES, AND WAS DONE AT THE REQUEST OF MICHAEL HUMPHREYS.
THE GOVERNMENT CORNERS REQUIRED TO ESTABLISH THE NW1/4 NW1/4 OF SECTION 20, T11S, R45E, W.M. WERE LOCATED AS SHOWN. THE NW1/4 CORNER AND THE NORTHEAST CORNER OF SECTION 16 WERE LOCATED TO DETERMINE THE NORTHERLY TERMINUS OF THE LINE SURVEYED. THE AREA SHOWN IN SECTION 16 WAS CALCULATED USING THE EXTERIOR LINES AS SHOWN ON THE 1938 U.S.G.L.D. PLAT THEREOF. IT WAS NECESSARY TO CLOSE SAID SECTION BOUNDARY USING A COMPASS ADJUSTMENT. THE RESULTING SECTION BOUNDARY WAS THEN SCALED AND ROTATED TO MATCH THE FOUND MONUMENTS AT THE AND SW CORNERS. CONTROL WAS ESTABLISHED USING MILDVILICA SERIES 300 G.P.S. UNITS AND A WILD TC1600 TOTAL STATION.

BAKER COUNTY SURVEYOR

BY: _____ SURVEY No. _____
RECEIVED: _____ DRAWING No. _____
FILED: _____

SURVEY FOR: H-HOOK RANCHES

GASCHLER & CUMMINGS
CIVIL ENGINEERING & LAND SURVEYING
P.O. BOX 412 / 796 SUNSET DR., 989-2101, ONTARIO, OREGON

CHECKED BY: _____ DRAWN BY: R.G.H. APPROVED BY: _____
DATE: 10-27-97 DRAWING No. SD-7097-C-692 REVISED: _____
SHEET 1 OF 1 JOB No. SD-7097 BK. PG.

FILED NOV. 25, 1997
BAKER COUNTY SURVEYOR
SURVEY NO. 11-45-S