SEE CCR 17 FOR TRUE STATE PLANE COORDINATES

M302022-01

STATE OF OREGON)
) SS
COUNTY OF BENTON)

AFFIDAVIT OF CORRECTION

I, C. Henry Cole, being duly sworn, depose and say that I am the surveyor who surveyed C.C.R. FILE NO. 16 in the Benton County Surveyor's Office.

Due to scrivener's error, correction to said Survey is necessary and is as follows:

1. Change the NORTHING and EASTING on NO./NAME 512

	NORTHING	EASTING
from:	338,240.22	7,477,839.47
to:	337,242.20	7,477,776.49

The present fee owner of the property materially affected by said Affidavit is as follows:

1. Oregon State University

I hereby authorize the Benton County Surveyor to make the above itemized correction on said Survey on my behalf.

REGISTERED
PROFESSIONAL
LAND SURVEYOR
OREGON
JULY 13, 1984
C. HENRY COLE
2088
EXPIRES 12/31/01

RETURN TO:
✓C. Henry Cole
Cole Surveying, Inc.
Land Surveyor # 2088
6765 SW Philomath Blvd.
Corvallis, OR. 97333

NOTARY CERTIFICATE

Be it known that on this 14th day of July, 2001, before me, a Notary Public in and for the State of Oregon, personally appeared C. Henry Cole, to me personally known, who being duly sworn did say that said Affidavit was signed and sealed by him and he did say said Affidavit to be a free act and deed.

Linda D. McDermott
NOTARY PUBLIC FOR STATE OF OREGON
My Commission Expires: 11/25/2003

OFFICIAL SEAL
LINDA D MC DERMOTT
NOTARY PUBLIC-OREGON
COMMISSION NO. 329379
MY COMMISSION EXPIRES NOV 25, 2003

STATE OF OREGON)
) SS
COUNTY OF BENTON)

I, Raymond E. Wilson, Benton County Surveyor, do hereby certify that said Affidavit of Correction for C.C.R.FILE NO. 16 has been examined and said itemized change approved by me, in accordance with O.R.S. 92.170.

Ray Wilson
BENTON COUNTY SURVEYOR

STATE OF OREGON } SS.
County of Benton }

299147

I hereby certify that the within instrument
was received for record

AM 9:01 '01 JUL 17

AND
ASSIGNED M302022 20 01

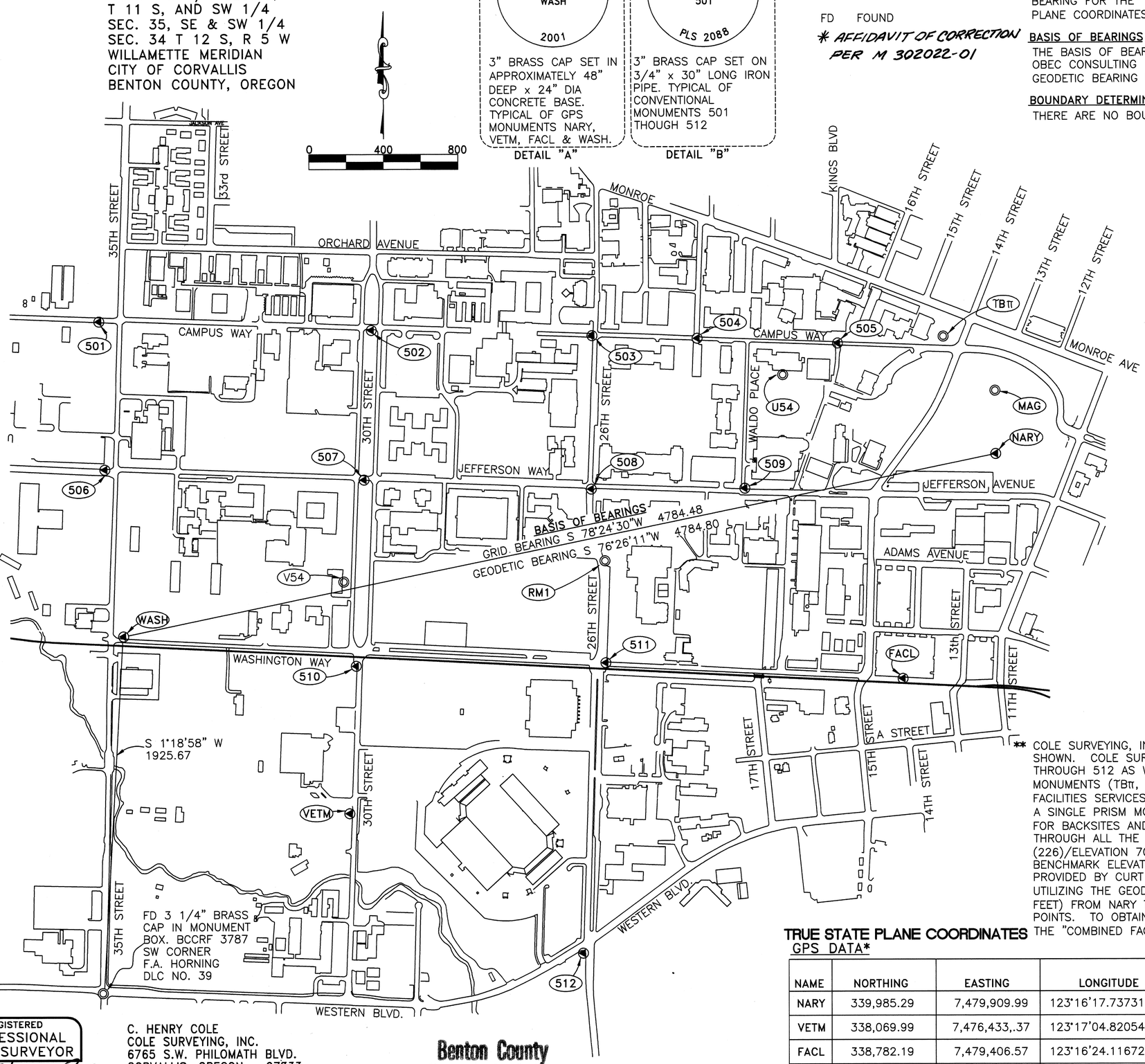
In the microfilm records of said county

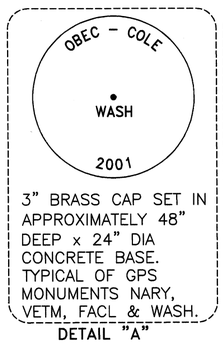
Witness My Hand and Seal of County Affixed
JAMES V. MORALES
County Clerk

By _____
Deputy

RECORD OF SURVEY

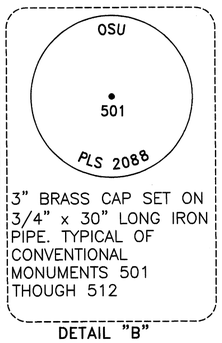
FOR: OREGON STATE UNIVERSITY
DATE: MAY 1, 2001
LOCATION: OREGON STATE UNIVERSITY
MAIN CAMPUS
NE & NW 1/4 SEC. 3,
T 11 S, AND SW 1/4
SEC. 35, SE & SW 1/4
SEC. 34 T 12 S, R 5 W
WILLAMETTE MERIDIAN
CITY OF CORVALLIS
BENTON COUNTY, OREGON





3" BRASS CAP SET IN APPROXIMATELY 48" DEEP x 24" DIA CONCRETE BASE. TYPICAL OF GPS MONUMENTS NARY, VETM, FACL & WASH.

DETAIL "A"



3" BRASS CAP SET ON 3/4" x 30" LONG IRON PIPE. TYPICAL OF CONVENTIONAL MONUMENTS 501 THOUGH 512

DETAIL "B"

LEGEND

- ◎ FD 3 1/4" BRASS CAP STAMPED AS INDICATED
- ◀ SET 3" BRASS CAP STAMPED AS SHOWN IN DETAILS "A" & "B"
- FD FOUND

* AFFIDAVIT OF CORRECTION PER M 302022-01

NARRATIVE

PURPOSE:

THE PURPOSE OF THIS SURVEY IS TO SET UP A CONTROL NETWORK ON THE THE MAIN OREGON STATE UNIVERSITY CAMPUS. TO CONVERT GROUND DISTANCES IN THE "LOCAL DATUM PLANE COORDINATES" TO GRID DISTANCES IN THE "TRUE STATE PLANE COORDINATES" MULTIPLY THE GROUND DISTANCE BY THE AVERAGE (0.99993903) OF THE "COMBINED FACTOR". TO CONVERT THE GEODETIC BEARING FOR THE "LOCAL DATUM PLANE COORDINATES" TO THE GRID BEARING OF THE "TRUE STATE PLANE COORDINATES" APPLY THE AVERAGE MAPPING ANGLE (+1°58'19").

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS FROM THE STATE PLANE COORDINATES PROVIDED BY OBEC CONSULTING ENGINEERS FROM NARY TO WASH. THIS GRID BEARING WAS ADJUSTED TO A GEODETIC BEARING USING THE AVERAGE MAPPING ANGLE (−1°58'19") FOR NARY TO WASH.

BOUNDARY DETERMINATION

THERE ARE NO BOUNDARIES DETERMINED BY THIS SURVEY.

LOCAL DATUM PLANE COORDINATES
CONVENTIONAL TRAVERSE DATA**

NO./ NAME	NORTHING	EASTING	DIFFERENTIAL LEVELING ELEVATION METERS	FEET
NARY	339,985.29	7,479,909.99	69.962	229.53
VETM	337,951.36	7,476,501.08	71.386	234.21
FACL	338,765.46	7,479,448.20	70.453	231.15
WASH	338,863.14	7,475,258.64	73.218	240.22
501	340,547.72	7,475,075.45	75.840	248.82
502	340,544.86	7,476,539.57	75.274	246.96
503	340,552.70	7,477,723.87	79.019	259.25
504	340,555.61	7,478,288.46	78.361	257.09
505	340,551.90	7,479,042.79	74.820	245.47
506	339,754.04	7,475,130.99	74.610	244.78
507	339,741.22	7,476,524.20	73.307	240.51
508	339,729.49	7,477,744.35	77.766	255.14
509	339,759.60	7,478,568.27	77.534	254.38
510	338,742.30	7,476,512.38	73.107	239.85
511	338,802.00	7,477,850.60	72.338	237.33
512	~~* 338,240.22~~	~~* 7,477,839.47~~	68.936	226.17
V54	339,191.84	7,476,431.98	73.599	241.47
RM1 (COLLEGE)	339,344.54	7,477,820.89	73.757	241.98
U54	340,374.05	7,478,753.02	77.802	255.26
MAG (226)	340,323.08	7,479,896.10	70.096	229.97
TBπ	340,605.61	7,479,609.01	72.350	237.37

** COLE SURVEYING, INC. SET MONUMENTS NUMBERED 501 THROUGH 512 AT THE VARIOUS LOCATIONS SHOWN. COLE SURVEYING RAN A CONVENTIONAL CLOSED TRAVERSE THROUGH MONUMENTS 501 THROUGH 512 AS WELL AS NARY, WASH, FACL & VETM AND THOSE ADDITIONAL EXISTING MONUMENTS (TBπ, U54, CORVALLIS MAG STA=226, V54 & COLLEGE RM1) IDENTIFIED BY OSU FACILITIES SERVICES. A NIKON DTM−530 (2 SECOND INSTRUMENT) TOTAL STATION WAS USED WITH A SINGLE PRISM MOUNTED ON A WOODEN TRIPODS W/OPTICAL PLUMMET TRIBRACHS AND ADAPTERS FOR BACKSITES AND FORESITES. A CLOSED THREE WIRE LEVEL LOOP (NAVD 88) WAS RUN THROUGH ALL THE MONUMENTS AROUND CAMPUS WITH A LOOP CLOSURE OF 2 MILLIMETERS. MAG (226)/ELEVATION 70.096 METERS AND U54 / ELEVATION 77.802 METERS WERE HELD FOR BENCHMARK ELEVATIONS AS PER THE LATEST NGS LEVELS PERFORMED IN CORVALLIS AND PROVIDED BY CURT SMITH. THE GRID COORDINATES FROM OBEC WERE HELD FOR NARY. UTILIZING THE GEODETIC BEARING (S76°26"11"W) & OUR GROUND TRAVERSE DISTANCE (4784.80 FEET) FROM NARY TO WASH WE ESTABLISHED GROUND DISTANCE COORDINATES FOR THE ABOVE POINTS. TO OBTAIN GRID COORDINATES MULTIPLY THE GROUND DISTANCES BY THE AVERAGE OF THE "COMBINED FACTOR" (0.99993903) SHOWN BELOW FOR NARY, VETM, FACL & WASH.

TRUE STATE PLANE COORDINATES
GPS DATA*

NAME	NORTHING	EASTING	LONGITUDE	LATITUDE	H HEIGHT	N SEPERATION	SCALE FACTOR	COMBINED FACTOR
NARY	339,985.29	7,479,909.99	123°16'17.73731"W	44°33'54.85396"N	155.25	−74.6	0.999949668	0.999938675
VETM	338,069.99	7,476,433,.37	123°17'04.82054"W	44°33'34.77132"N	160.00	−74.2	0.99995069	0.999939487
FACL	338,782.19	7,479,406.57	123°16'24.11672"W	44°33'42.80981"N	156.83	−74.6	0.99995028	0.99993921
WASH	339,023.92	7,475,223.09	123°17'21.98163"W	44°33'43.77352"N	166.04	−74.5	0.999950231	0.999938727

* THE ABOVE NEW MONUMENTS (NARY, WASH, FACL & VETM) WERE SET BY COLE SURVEYING AND A GPS SURVEY PERFORMED BY OBEC CONSULTING ENGINEERS ON 4/30/2001 AND 5/1/2001. THESE NEW MONUMENTS ARE CLASSED AS PRIMARY CONTROL STATUS. THE HORIZONTAL DATUM IS NAD 83(98) AND THE COORDINATE SYSTEM IS OREGON STATE PLANE−NORTH ZONE. FOR ADDITIONAL INFORMATION SEE THE "NARRATIVE" PROVIDED BY OBEC CONSULTING ENGINEERS AND ATTACHED AS PART OF THIS SURVEY.

REGISTERED
PROFESSIONAL
LAND SURVEYOR
C. Henry Cole
OREGON
JULY 13, 1984
C. HENRY COLE
2088
EXPIRES 12/31/01

C. HENRY COLE
COLE SURVEYING, INC.
6765 S.W. PHILOMATH BLVD.
CORVALLIS, OREGON 97333
(541) 929−5500

COLE SURVEYING, INC.

Benton County
Surveyor's Office
CCR FILE NO. 16
FILING DATE 6-27-01
FILE SIZE 18x24

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