

THE CONTROL PORTION OF THIS SURVEY IS IN COMPLIANCE WITH THE FEDERAL GEODETIC CONTROL COMMITTEE'S "GEODETIC ACCURACY STANDARDS AND SPECIFICATION FOR USING GPS RELATIVE POSITIONING TECHNIQUES" VERSION 5.0 UPDATED AUGUST 1, 1989 FOR GROUP C, ORDER 1 SURVEYS. CONTROL ON THIS SURVEY WAS DONE USING FOUR TRIMBLE 4000S1 GPS FIELD SURVEY RECEIVERS.

THIS SURVEY WAS DONE BY FIELD TRAVERSE USING A KEN DENK24E 1 SECOND OPTICAL THEODOLITE WITH A KEN DENK-503 ELECTRONIC DISTANCE METER (EDM) AND/OR A WILD T-1610 1 SECOND ELECTRONIC THEODOLITE WITH A WILD DI-1001 EDM, AND A WILD DI-3000 EDM. TRAVERSES WERE CLOSED LOOPS OR CLOSED BETWEEN KNOWN POINTS.

THIS TOWNSHIP WAS SURVEYED BY GLO DEPUTY
SURVEYOR, JACOB RICHARDSON UNDER CONTRACT NO.
383, DATED JUNE 7, 1892.

WASHINGTON COORDINATE SYSTEM, SOUTH ZONE, NAD 83/91 DERIVED FROM GLOBAL POSITIONING SYSTEM (GPS) TIES TO THE FOLLOWING WASHINGTON HIGH ACCURACY REFERENCE NETWORK (HARN) STATIONS: (METERS)

MARS	N	74048.427	E	419297.636
POUNDER 2	N	42515.267	E	418246.157
AND THE FOLLOWING DNR GPS STATION:				
2070	N	60160.813	E	425045.707

ALL COORDINATES SHOWN ARE IN METERS. CONVERSION
TO U.S. SURVEY FOOT BY MULTIPLYING BY
3.280833333.

THE AREAS AND DISTANCES SHOWN ARE GRID, DIVIDED BY THE GRID DISTANCE BY THE COMBINED GRID FACTOR OF 0.99992236 TO OBTAIN THE GROUND DISTANCE. THE COMBINED GRID FACTOR IS DERIVED FROM AN ELEVATION FACTOR OF 0.99992183 AND A LATITUDE FACTOR OF 1.00000053 COMPUTED DURING STARNET ADJUSTMENT.

N1/2 & SE1/4 OF SECTION 14, TOWNSHIP 4 NORTH
RANGE 9 EAST, WILLAMETTE MERIDIAN, SKAMANIA
COUNTY, WASHINGTON.

////////// INDICATES THAT 1/2" REBARS WITH PLASTIC "DUR PROP LINE" CAPS WERE SET AT RANDOM INTERVALS ALONG THE NOTED SECTION OR SUB-DIVISIONAL LINES AND ARE WITHIN +/- ONE FOOT OF THE ACTUAL SECTION OR SUB-DIVISIONAL LINES. A 1" X 5' PVC PIPE WAS PLACED DIRECTLY OVER EACH REBAR.

STANDARD DNR MONUMENTS ARE

2 3/8" O.D. ALUMINUM ALLOY PIPE WITH "BREAKAWAY" PLASTIC BASE.
3 1/4" DIAMETER ALUMINUM ALLOY CAP STAMPED WITH PROPER CORNEAL
IDENTIFICATION, PERMANENT, VERTICALLY ORIENTED MAGNETS ARE
INCLUDED IN THE MONUMENT BASE AND CAP.
STANDARD DNR CAPS ARE:

3 1/4" DIAMETER ALUMINUM ALLOY DISKS WITH A VERTICALLY ORIENTED MAGNET AND STAMPED WITH PROPER CORNER IDENTIFICATION, SET AS NOTED.

DNR CONCRETE MONUMENTS ARE 3" DIAMETER WITH BRASS CAP STAMPED WITH PROPER CORNER IDENTIFICATION.

DNR IRON PIES ARE 1" DIAMETER WITH BRASS CAP STAMPED WITH PROPER CORNER IDENTIFICATION.

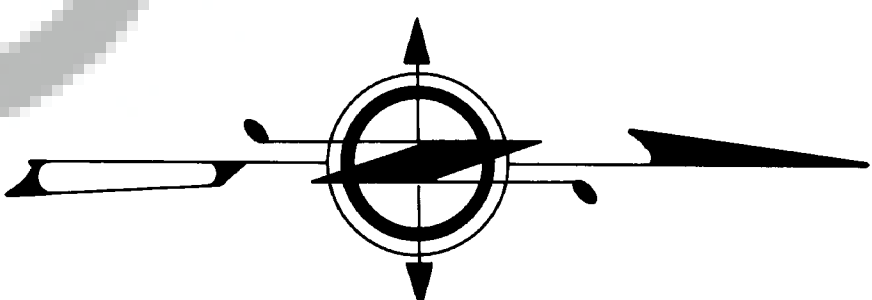
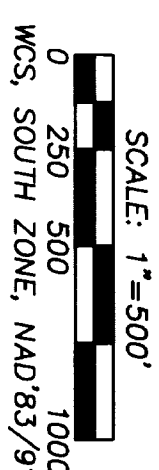
FOUND OR ACCEPTED

▷

SECTION 14, TOWNSHIP 4 NORTH, RANGE 9 EAST, W.M.

DEPARTMENT OF NATURAL RESOURCES

H. THOMAS LAIRD JR., PL.
SHEET 1 OF 2.
F.M. #963



SEE SHEET 2 FOR CORNER NOTES

FILED FOR RECORD THIS 2nd DAY OF June, 1995
AT 12:37 PM. IN BOOK 3 OF SURVEYS AT PAGE 71-2
AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES.

By Thy M. Olson by D. J. Olson
SKAMANIA COUNTY AUDITOR

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORPING ACT AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

IN APRIL _____ 19 95.

21490
CERTIFICATE NUMBER



SURVEYED BY:	JAMES K. GORDON
DRAWN BY:	B. ERIK NEDERGARD
DATE:	MAY 1995

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

TIMBERHEAD CORNER NOTES

SURVEY REFERENCES:

THE FOLLOWING SURVEY IS REFERRED TO IN THE CORNER NOTES:
1. A SURVEY BY LARRY BISHOP, LSR6337, FOR THE U.S. FOREST SERVICE, RECORDED IN BOOK 2 OF SURVEYS AT PAGE 160, RECORD OF SKAMANIA COUNTY.

L-19 NORTH 1/4 CORNER OF SECTION 14

ACCEPTED CORNER
ON 5-26-94 THIS SURVEY FOUND THE U.S. FOREST SERVICE ALUMINUM MONUMENT WITH STAMPED ALUMINUM CAP AS SHOWN ON THE LAND CORNER RECORD FILED IN BOOK 4/9 AT PAGE 131, RECORDS OF SKAMANIA COUNTY.

L-21 NORTHEAST CORNER OF SECTION 14

ACCEPTED CORNER
GLO HISTORY: SET IN 1892 AND MARKED WITH A POST AND 4 BEARING TREES:
-18° FIR AT N45E 35 LINKS (23.10 FEET)
-12° MAPLE AT S30E 30 LINKS (19.60 FEET)
-15° FIR AT S63W 34 LINKS (22.44 FEET)
-30° FIR AT N57W 53 LINKS (34.98 FEET)
ON 6-21-94, THIS SURVEY FOUND THE DNR CONCRETE MONUMENT WITH STAMPED BRASS CAP THAT WAS SET IN 1974.
THE FOLLOWING BEARING TREES WERE FOUND:
-30° FIR STUB WITH VISIBLE SCRIBE AT N54E 23.1 FEET.
-24° FIR STUMP WITH VISIBLE SCRIBE AT S66W 23.8 FEET.
-40° LIVE FIR WITH BT TAG AND OVERGROWTH AT N40W 32.98 FEET.
ALTHOUGH THIS SURVEY WOULD HAVE DETERMINED A SLIGHTLY DIFFERENT CORNER POSITION BY INTERSECTING THE GLO DISTANCES FROM THE BEARING TREES, THIS ESTABLISHED POSITION WAS ACCEPTED BECAUSE IT HAS BEEN USED BY THE U.S. FOREST SERVICE IN THEIR SURVEY OF THE NORTH LINE OF SECTION 14.

THE FOLLOWING REFERENCES WERE NOTED:

4 RP'S:
-28° FIR AT N25E 15.93 FEET TO ALUM NAIL IN SOUTHEAST SIDE.
-7° TRUE FIR AT N84E 24.22 FEET TO ALUM NAIL IN SOUTH SIDE.
-6° TRUE FIR AT S46W 12.07 FEET TO ALUM NAIL IN NORTH SIDE.
-7° TRUE FIR AT N70W 19.08 FEET TO ALUM NAIL IN NORTH SIDE.
FOUND U.S. FOREST SERVICE PROPERTY BOUNDARY CARSONITE POSTS 4 FEET EAST AND 4 FEET WEST OF THE MONUMENT.
FIELD BOOK 3006, PAGE 74

L-17 WEST 1/4 CORNER OF SECTION 14

ACCEPTED CORNER
GLO HISTORY: SET IN 1892 AND MARKED WITH A POST AND 2 BEARING TREES:
-7° FIR AT N80W 5 LINKS (3.30 FEET)
-10° FIR AT S55E 10 LINKS (6.60 FEET)
ON 10-25-94, THIS SURVEY FOUND THE ALUMINUM MONUMENT WITH STAMPED ALUMINUM CAP SET AT A CALCULATED POSITION AS SHOWN ON SURVEY REFERENCE 1 AND THE LAND CORNER RECORD IN BOOK 4/9 AT PAGE 60.

THIS SURVEY ALSO FOUND AN UPROOTED 12" FIR BEARING TREE WITH VISIBLE SCRIBE LAYING N30E 13 FEET FROM THE MONUMENT. THIS TREE HAD BEEN MOVED AROUND BY A DOZER AND ITS ORIGINAL POSITION COULD NOT BE DETERMINED.
THE FOLLOWING REFERENCES WERE NOTED:

4 RP'S:
-23° FIR AT N14E 12.23 FEET TO ALUM NAIL IN WEST SIDE.
-4° FIR AT S70E 9.0 FEET TO SCRIBED 1994 BEARING TREE.
-10° FIR AT S30W 9.66 FEET TO ALUM NAIL IN EAST SIDE.
-10° FIR AT N40W 7.8 FEET TO SCRIBED 1994
FOUND U.S. FOREST SERVICE CARSONITE POSTS 3 FEET NORTH AND 3 FEET SOUTH OF THE MONUMENT.
FIELD BOOK 3006, PAGE 72

L-19 CENTER 1/4 CORNER OF SECTION 14

CALCULATED CORNER
ON 4-17-95, THIS SURVEY SET A DNR ALUMINUM MONUMENT WITH STAMPED ALUMINUM CAP AS THE CENTER 1/4 CORNER.
THE FOLLOWING REFERENCES WERE NOTED:

4 RP'S:
-DNR CARSONITE WITNESS POST AT NORTH, 3 FEET
-23° FIR AT N8E 27.81 FEET TO ALUM NAIL IN EAST SIDE
-17° FIR AT S88E 10.49 FEET TO ALUM NAIL IN SOUTHWEST SIDE
-11° FIR AT S88W 5.52 FEET TO ALUM NAIL IN SOUTH SIDE.
FIELD BOOK 3006, PAGE 70

L-21 EAST 1/4 CORNER OF SECTION 14

CALCULATED CORNER
GLO HISTORY: SET IN 1892 AND MARKED WITH A POST AND 2 BEARING TREES:
-24° FIR AT S53W 16 LINKS (10.56 FEET)
-8° FIR AT N50E 11 LINKS (7.28 FEET)
ON 1-23-95, AFTER A DILIGENT SEARCH, THIS SURVEY FOUND NO EVIDENCE OF THE ORIGINAL CORNER. THE CORNER POSITION WAS CALCULATED AT MID-POINT BETWEEN SECTION CORNERS AND A DNR ALUMINUM MONUMENT WITH STAMPED ALUMINUM CAP WAS SET AT THE CALCULATED POSITION. THE TOP OF THE MONUMENT IS 10" ABOVE GROUND LEVEL AND A STONE MOUND WAS BUILT AROUND THE MONUMENT. THE FOLLOWING REFERENCES WERE NOTED:

4 RP'S:
-DNR CARSONITE WITNESS POST AT NORTH, 3 FEET
-12° FIR AT N38E 21.97 FEET TO ALUM NAIL IN NORTHWEST SIDE.
-6° MAPLE IN CLUMP AT S30E 0.98 FEET TO ALUM NAIL IN NORTHEAST SIDE.
-16° FIR AT S60W 13.03 FEET TO ALUM NAIL IN SOUTHEAST SIDE.
FIELD BOOK 3006, PAGE 68

N-17 SOUTHWEST CORNER OF SECTION 14

ACCEPTED CORNER
ON 6-21-94 THIS SURVEY FOUND THE DNR CONCRETE MONUMENT AS SHOWN ON THE LAND CORNER RECORDS IN BOOK 4/9 AT PAGES 8 AND 56, RECORDS OF SKAMANIA COUNTY AND AS PER SURVEY REFERENCE 1.

N-19 SOUTH 1/4 CORNER OF SECTION 14

ACCEPTED CORNER
ON 6-20-94 THIS SURVEY FOUND THE DNR CONCRETE MONUMENT AS SHOWN ON THE LAND CORNER RECORDS IN BOOK 4/9 AT PAGES 3 AND 7.
THE BEARING TREES AND OLD REFERENCE POINTS ARE DECAYING. THE FOLLOWING REFERENCES WERE NOTED:

4 RP'S:
-8° FIR AT N50E 17.55 FEET TO ALUM NAIL IN SOUTH SIDE.
-13° FIR AT S6W 15.00 FEET TO ALUM NAIL IN WEST SIDE.
-25° FIR AT S57W 26.62 FEET TO ALUM NAIL IN NORTH SIDE.
-13° FIR AT N60W 31.17 FEET TO ALUM NAIL IN NORTH SIDE.
FIELD BOOK 3006, PAGE 75

N-21 SOUTHEAST CORNER OF SECTION 14

ACCEPTED CORNER
GLO HISTORY: SET IN 1892 AND MARKED WITH A POST IN A MOUND OF STONE AND 3 BEARING TREES AND A MOUND OF STONE:
-3° WILLOW AT S45E 15 LINKS
-8° MAPLE AT N87W 10 LINKS (6.60 FEET)
THE GLO NOTES THE CORNER AT 1.2 CHAINS (78.2 FEET) NORTH OF A CREEK.
ON 10-23-94, THIS SURVEY FOUND A MOUND OF STONE 66 FEET NORTH OF THE CREEK. A MAPLE CLUMP WAS FOUND AT N60W 7 FEET, POSSIBLE OFF-SPRINGS OF THE ORIGINAL MAPLE BEARING TREE.

THIS SURVEY SET A 1/2 X 24 REBAR WITH STAMPED 1 1/2" ALUMINUM CAP IN THE FOUND MOUND OF STONE.
THE FOLLOWING REFERENCES WERE NOTED:

3 RP'S:
-DNR CARSONITE WITNESS POST AT NORTH, 3 FEET
-15° FIR AT N54E 23.30 FEET TO ALUM NAIL IN NORTHWEST SIDE.
-9° MAPLE AT N72W 5.35 FEET TO ALUM NAIL IN NORTH SIDE
-17° FIR AT N46W 41.97 FEET TO ALUM NAIL IN SOUTHWEST SIDE
FIELD BOOK 3006, PAGE 73

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 2nd DAY OF June 1996
AT 12:57 P.M. IN BOOK 3 OF SURVEYS AT PAGE 171-2
AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES.

122474
AUDITOR'S FILE NUMBER

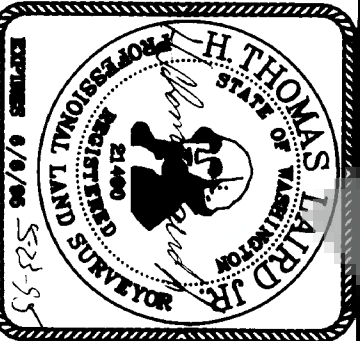
Shirley M. Mendenhall, Auditor
SKAMANIA COUNTY AUDITOR

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES.
IN APRIL 19 95.

W. Thomas Laird, Jr.
H. THOMAS LAIRD, JR., PLS

21490
CERTIFICATE NUMBER



SECTION 14, TOWNSHIP 4 NORTH, RANGE 9 EAST, W.M.		A SURVEY IN	
JAMES K. GORDON DRAWN BY:		STATE OF WASHINGTON	
B. ERIK NEDERGAARD DATE: APRIL 1995		DEPARTMENT OF NATURAL RESOURCES	
		CHECKED BY: H. THOMAS LAIRD, JR., PLS	
		SHEET 2 OF 2.	
		F.M. #963	