

LINE TABLE

LINE NO.	BEARING	DISTANCE
L1	N 01°13'58" E	349.59
L2	N 01°13'42" E	350.28
L3	N 01°13'53" E	299.90
L4	N 01°13'36" E	424.56
L5	N 01°25'43" E	275.19

NARRATIVE:
 THE PURPOSE OF THIS SURVEY WAS TO POST CERTAIN STATE BOUNDARY LINES IN SECTION 6 TO SERVE THE 'ASPEN' TIMBER SALE. BOUNDARIES WERE POSTED WITH 6-FOOT LONG ORANGE FIBERGLASS 'THIN-LINE' POSTS SET AT IRREGULAR INTERVALS OF ABOUT 200 FEET.

WITH REGARD TO THE METHOD OF SUBDIVIDING SECTION 6, AN INQUIRY WAS MADE WITH SKAGIT SURVEYORS DURING THIS 2009 SURVEY. IN 1982, SKAGIT SURVEYORS USED A METHOD THAT WAS COMMONLY USED AT THAT TIME. THE METHOD INCLUDED AN INTERMEDIATE STEP WHEREBY A TEMPORARY N 1/4 SECTION CORNER OF SECTION 6 WAS CALCULATED BETWEEN THE NORTHEAST SECTION CORNER AND THE AMENDED MONUMENT CLOSING CORNER AT THE NORTHWEST. THE C-N 1/16 CORNER WAS THEN CALCULATED BY SINGLE PROPORTION BETWEEN THE C 1/4 CORNER AND THE TEMPORARY N 1/4 CORNER. ALTHOUGH A DIFFERENT METHOD OF SUBDIVIDING SECTION 6 IS IN USE TODAY, THE METHOD USED BY SKAGIT SURVEYORS IN 1982 WAS AN ACCEPTABLE METHOD AND IS ACCEPTED BY THIS 2009 SURVEY.

LIST OF SURVEY DOCUMENTS USED FOR REFERENCE:
 RECORDING INFORMATION REFERS TO THE RECORDS OF THE SKAGIT COUNTY AUDITOR, UNLESS OTHERWISE NOTED.
 NOTE: THE PARENTHEICAL ITEM NUMBERS WHICH ARE ATTACHED TO THE FOLLOWING LIST OF SURVEY RECORDS ARE USED WITHIN THE HISTORY SECTION OF EACH CORNER.

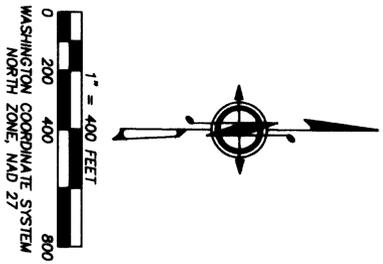
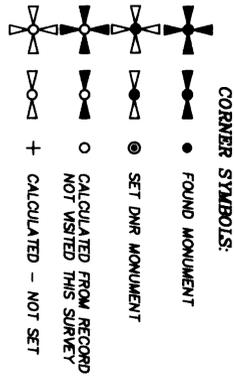
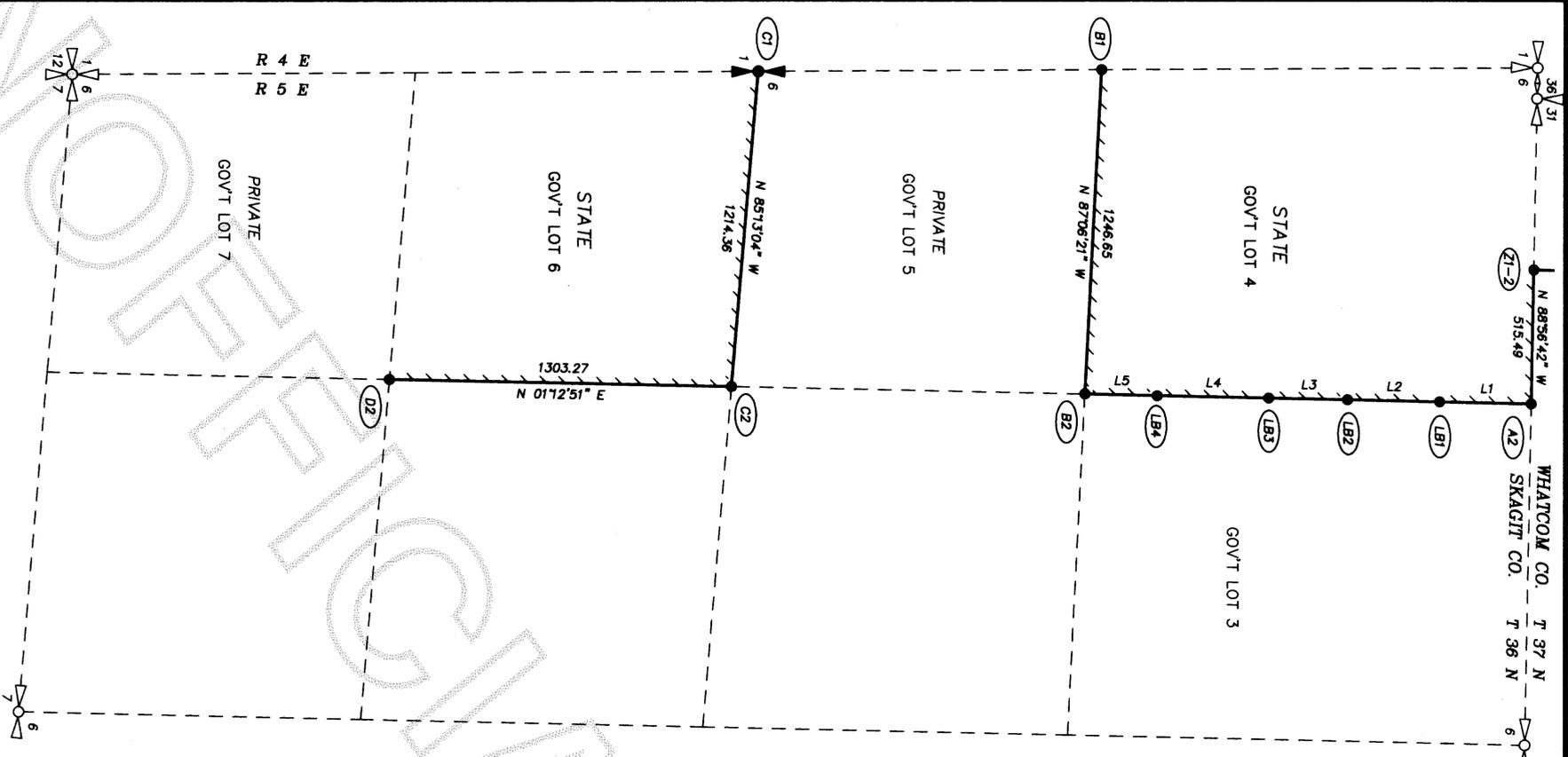
- (1) DEPARTMENT OF NATURAL RESOURCES FINAL MAP NUMBER 302 IN SECTION 1 (HERBERT L. HEWENWAY, PLS), ON FILE WITH THE DNR PUBLIC LAND SURVEY OFFICE IN OLYMPIA, DATED APRIL, 1978, REVISED DECEMBER 17, 1980.
- (2) DEPARTMENT OF NATURAL RESOURCES FINAL MAP NUMBER 274 IN SECTION 31 (HERBERT L. HEWENWAY, PLS), ON FILE WITH THE DNR PUBLIC LAND SURVEY OFFICE IN OLYMPIA, DATED APRIL, 1977, REVISED BY FINAL MAP NUMBER 274A (M. A. KINNAMAN, PLS), DATED FEBRUARY, 1984.
- (3) SHORT PLAT NO. 24-82 IN SECTION 6, BY SKAGIT SURVEYORS (JOHN ABERNETHY, PLS), RECORDED UNDER AFN 8209270018, DATED 9-27-1982, SKAGIT COUNTY.
- (4) RECORD OF SURVEY IN SECTION 6, BY SKAGIT SURVEYORS (JOHN ABERNETHY, PLS), RECORDED UNDER AFN 9306300082, DATED 8-30-1993, SKAGIT COUNTY.
- (5) RECORD OF SURVEY IN SECTION 6, BY SKAGIT SURVEYORS (JOHN ABERNETHY, PLS), RECORDED UNDER AFN 9501170019, DATED 1-17-1995, SKAGIT COUNTY.
- (6) DEPARTMENT OF NATURAL RESOURCES FINAL MAP NUMBER 1632 IN SECTION 31, T 37 N, R 5 E, (GARY S. HERRICK, PLS), RECORDED UNDER AFN 2090900435, DATED 09-04-2009, RECORDS OF WHATCOM COUNTY.

LEGAL DESCRIPTION:
 GOVERNMENT LOT 4 AND GOVERNMENT LOT 6, SECTION 6, TOWNSHIP 36 NORTH, RANGE 5 EAST, W.M., SKAGIT COUNTY, WASHINGTON, PER DEEDS RECORDED UNDER AFN 950619004, 950619004 AND 398383, SKAGIT COUNTY, WASHINGTON AUDITOR'S OFFICE.

BASIS OF BEARINGS AND DISTANCES:
 THE TRAVERSE ALONG THE BOUNDARY OF GOVERNMENT LOT 4 IS NOT CONNECTED TO THE TRAVERSE ALONG GOVERNMENT LOT 6. THIS NECESSITATES A SEPARATE BASIS OF BEARINGS FOR THE TWO SECTIONS OF THE MAP.

FOR GOVERNMENT LOT 4, THE BASIS OF BEARINGS IS THE WASHINGTON COORDINATE SYSTEM, NAD27, NORTH ZONE, WITH 501°33'48"W FOR THE NORTH-SOUTH CENTERLINE OF THE NW 1/4 OF SECTION 31, BASED ON DNR FINAL MAP 274A, ON FILE WITH THE WHATCOM COUNTY ENGINEER'S OFFICE. DISTANCES SHOWN ARE GRID DISTANCES. HORIZONTAL GROUND DISTANCES ARE OBTAINED BY DIVIDING GRID DISTANCES BY THE COMBINED SCALE FACTOR OF 0.99996815 AS SHOWN ON FINAL MAP 274A, FOR GOVERNMENT LOT 6, THE BASIS OF BEARINGS IS S01°12'51"W ALONG THE EAST LINE OF GOVERNMENT LOT 6 AS DEPICTED ON THAT SURVEY RECORDED UNDER AFN 9306300082. THE DISTANCES FOR GOVERNMENT LOT 6 ARE GRID AS DEFINED ON THAT SURVEY RECORDED UNDER AFN 9306300082.

CONTROL, SPECIFICATIONS, METHOD OF SURVEY, EQUIPMENT USED AND ACCURACY:
 CORNER TIES WERE MADE BY FIELD TRAVERSE USING A LEICA TORA 1203+ ELECTRONIC THEODOLITE. TWO SEPARATE TRAVERSES WERE RUN. THE 200+ LINE BEGAN AT THE DNR MONUMENT AT THE NW 1/16 SECTION CORNER OF SECTION 31, FOLLOWED THE STATE BOUNDARY SOUTHERLY THROUGH THE WEST HALF OF SECTION 31, CONTINUED INTO THE NW 1/4 OF SECTION 6 AND ENDED AT THE N 1/16 SECTION CORNER ON THE WEST LINE OF SECTION 6. THE 100+ LINE BEGAN AT THE 1/4 SECTION CORNER OF SECTIONS 1 AND 6 AND FOLLOWED THE STATE BOUNDARY TO THE C-W 1/16 CORNER OF SECTION 6 AND ENDED AT THE SW 1/16 CORNER. ALL MONUMENTS OF RECORD WERE SEARCHED FOR AND TIED. TRAVERSES TO THE DISTANCES SHOWN BY THIS SURVEY, AND SINKMARKS DISCREPANCIES TO THE FOUND MONUMENTS, THE TRAVERSES WERE PROCESSED USING THE LEAST SQUARES APPLICATION STARNET1, STANDARD EDITION - VERSION 8.0.



//// STATE BOUNDARIES WERE POSTED WITH 6-FOOT LONG ORANGE FIBERGLASS 'THIN-LINE' POSTS SET AT INTERVALS OF 200 FEET ON AVERAGE.

736N REE

X	X			
X	6			

AUDITOR'S CERTIFICATE
 FILED FOR RECORD THIS 19th DAY OF October, 2009
 AT 9:33AM, IN BOOK _____ OF SURVEYS AT PAGE _____
 AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES.
 J. JUNGQUIST by [Signature]
 SKAGIT COUNTY DEPUTY AUDITOR AUDITOR'S FILE NUMBER _____

SURVEYOR'S CERTIFICATE
 THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEYING ACT AT THE REQUEST OF THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES IN AUGUST, 2009.
 GARY S. HERRICK [Signature]
 AUDITOR'S FILE NUMBER 31444



A SURVEY IN SECTION 6
 TOWNSHIP 36 NORTH, RANGE 5 EAST, W.M.
 STATE OF WASHINGTON
 DEPARTMENT OF NATURAL RESOURCES
 LAND SURVEY SECTION - P.O. BOX 47030
 OLYMPIA, WASHINGTON 98504-7030 (360)902-1206

ASPEN 6 SURVEY
 FIELD CREW: HERRICK, OLSEN, BECKETT
 FIELD BOOK: Z071 PM1635.DWG 08/23/09
 F.M.# 1635
 SHEET 1 OF 2



200910010032
Skagit County Auditor

CORNER NOTES:

(A2) NE CORNER OF GOVERNMENT LOT 4 OF SECTION 6
ACCEPTED REBAR AND CAP
HISTORY:
1995 - SKAGIT SURVEYORS SET A 1/2" REBAR WITH PLASTIC CAP AT THE CALCULATED POSITION (3).
FIELD SEARCH:
ON 7-23-09, THIS SURVEY FOUND AND ACCEPTED A SKAGIT SURVEYORS 1/2" REBAR AND PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(B1) N 1/16 SECTION CORNER, WEST LINE OF SECTION 6
ACCEPTED DNR IRON PIPE AND BRASS CAP
HISTORY:
1978 - DNR SURVEY SET A DNR IRON PIPE AND CAP AT THE CALCULATED POSITION (1).
FIELD SEARCH:
ON 8-3-09, THE DNR IRON PIPE AND CAP WAS FOUND SOMEWHAT LOOSE IN THE GROUND AND LEANING SLIGHTLY. AN ATTEMPT WAS MADE TO UNCOVER THE TWO 1978 ALUMINUM REFERENCE NAILS WHICH ARE NOW UNDER 31 YEARS OF OVERGROWTH - NOT FOUND. THE DNR IRON PIPE AND CAP WAS BROUGHT BACK TO VERTICAL OVER ITS BASE AND FIRMED UP WITH ADDITIONAL DIRT. THIS WAS DEEMED TO BE ADEQUATE FOR THE PURPOSE OF POSTING THE LINE RUNNING EAST. OUR 2009 TRAVERSE MEASUREMENTS AND INVERSES TO OTHER MONUMENTS IN THE NW 1/4 SECTION SHOW THAT THIS MONUMENT IS WITHIN ONE FOOT OF ITS ORIGINAL POSITION.

CORNER PERPETUATION:
THE MONUMENT'S POSITION COULDN'T BE VERIFIED WITH A HIGH DEGREE OF ACCURACY DUE TO THE FACT THAT THE 1978 REFERENCE NAILS COULDN'T BE FOUND. NO NEW REFERENCING WAS DONE. FURTHER VERIFICATION OF THE MONUMENT'S POSITION WILL REQUIRE NEW TIES TO THE SECTION CORNER TO THE NORTH AND THE 1/4 CORNER TO THE SOUTH.
(B2) NW 1/16 SECTION CORNER OF SECTION 6
ACCEPTED REBAR AND CAP
HISTORY:
1982 - SKAGIT SURVEYORS SET A STEEL ROD WITH PLASTIC CAP (3).
FIELD SEARCH:
ON 8-3-09, THIS SURVEY FOUND A SKAGIT SURVEYORS 1/2" REBAR WITH PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(B3) LINE BAR
ACCEPTED REBAR AND PLASTIC CAP
HISTORY:
1995 - SKAGIT SURVEYORS SET A 1/2" REBAR AND PLASTIC CAP ON THE PROPERTY LINE (5).
FIELD SEARCH:
ON 7-23-09, THIS SURVEY FOUND AND ACCEPTED A SKAGIT SURVEYORS 1/2" REBAR AND PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(B2) LINE BAR
ACCEPTED REBAR AND PLASTIC CAP
HISTORY:
1995 - SKAGIT SURVEYORS SET A 1/2" REBAR AND PLASTIC CAP ON THE PROPERTY LINE (5).
FIELD SEARCH:
ON 7-23-09, THIS SURVEY FOUND AND ACCEPTED A SKAGIT SURVEYORS 1/2" REBAR AND PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(B3) LINE BAR
ACCEPTED REBAR AND PLASTIC CAP
HISTORY:
1995 - SKAGIT SURVEYORS SET A 1/2" REBAR AND PLASTIC CAP ON THE PROPERTY LINE (5).
FIELD SEARCH:
ON 7-23-09, THIS SURVEY FOUND AND ACCEPTED A SKAGIT SURVEYORS 1/2" REBAR AND PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(B4) LINE BAR
ACCEPTED REBAR AND PLASTIC CAP
HISTORY:
1995 - SKAGIT SURVEYORS SET A 1/2" REBAR AND PLASTIC CAP ON THE PROPERTY LINE (5).
FIELD SEARCH:
ON 7-23-09, THIS SURVEY FOUND AND ACCEPTED A SKAGIT SURVEYORS 1/2" REBAR AND PLASTIC CAP WITH LS 17651. NO REFERENCING WAS DONE.

(Z1-2) W-W 1/84 COR., SOUTH LINE OF SEC. 31
ACCEPTED DNR IRON PIPE AND BRASS CAP
HISTORY:
1977 - DNR FINAL MAP NUMBER 274 SHOWS A SET DNR IRON PIPE (2).
FIELD SEARCH:
ON 7-21-09, THIS SURVEY FOUND THE DNR IRON PIPE AND BRASS CAP AS SET IN 1977. THE CORNER IDENTIFICATION STAMPING IS MISLEADING IN THAT IT SHOWS "S, 6" BELOW THE DIMPLE MAKING IT APPEAR THAT THE CORNER REFERS TO SECTION 6 AS WELL AS SECTION 31. IT IS THE W-W 1/84 CORNER FOR SECTION 31 ONLY.

CORNER PERPETUATION:
NEW REFERENCES WERE ESTABLISHED AS FOLLOWS:
48" CEDAR STUMP BEARS N76E, 12.13 FEET. SET A DNR VINYL TAG AND STEEL NAIL 1 FOOT UP ON THE NORTHWEST SIDE.
39" CEDAR BEARS S27W, 21.74 FEET. SET A DNR VINYL TAG AND ALUMINUM NAIL 2 FEET UP ON THE EAST SIDE.
35" CEDAR BEARS S55W, 25.80 FEET. SET A DNR VINYL TAG AND ALUMINUM NAIL 2 FEET UP ON THE NORTHWEST SIDE.
27" CEDAR BEARS N14W, 3.51 FEET. SET A DNR VINYL TAG AND ALUMINUM NAIL 2 FEET UP ON THE NORTHEAST SIDE.
SET AN ORANGE CARBONITE POST 1 FOOT WEST. FIELD BOOK 7071, PAGE 6, DATED 7-21-2009



9-30-09

ASPEN 6 SURVEY

FIELD CREW: HERRICK, OLSEN
BECKETT

FIELD BOOK: 2071
FM1635.DWG 09/23/09

F.M.# 1635

SHEET 2 OF 2

A SURVEY IN SECTION 6
TOWNSHIP 36 NORTH, RANGE 5 EAST, W.M.

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
LAND SURVEY SECTION-P.O. BOX 47030
OLYMPIA WASHINGTON 98504-7030 (360)902-1206