

**SURVEY FOR:
JUNIPER PROPERTIES LIMITED PARTNERSHIP LLC**

**SECTION 6 TOWNSHIP 23 SOUTH RANGE 6 WEST, W.M.
SURVEYED BY: LONE ROCK TIMBER MANAGEMENT COMPANY
P.O. BOX 1127 ROSEBURG, OREGON 97470
DOUGLAS COUNTY DATE: OCTOBER 2011**

BACKGROUND HISTORY OF TOWNSHIP 23 SOUTH, RANGE 6 WEST, SECTION 6.

THIS TOWNSHIP WITH THE EXCEPTION OF 2 1/2 MILES IN THE SOUTHEAST CORNER WAS SURVEYED BY JOHN A. MCQUINN IN LESS THAN A MONTH OF SURVEYING IN 1883. MCQUINN WAS A COMPASS MAN FOR JAMES HULL, A BENSON SYNDICATE SURVEYOR (HISTORICAL FRAUDULENT SURVEYS). FURTHER HISTORICAL COMMENTS ON MCQUINN'S WORK ARE NEGATIVE. NOTES PERTAINING TO MCQUINN'S FROM GOVERNMENT INSPECTORS NOTE THAT SEARCH AREAS FOR MCQUINN'S CORNERS ARE LARGE AND ONE LOOK AT A MAP OF THIS TOWNSHIP'S ODD SECTION SHAPES CONFIRMS PROBLEMS WITH MCQUINN'S WORK. SUBSEQUENTLY, GLO MADE A DEPENDENT RESURVEY OF THIS TOWNSHIP FROM 1943 TO 1957, AND GLO DURING THIS 14 YEAR PERIOD WOULD SET PROPORTIONED CORNERS ONLY TO HAVE PRIVATE SURVEYORS LOCATE ORIGINAL CORNER LOCATION BEHIND THEM. THIS LED TO MANY FRUSTRATING CHANGES AND ADDITIONAL WORK FOR THE GLO. IN 1954 AND 1955 WILFORD HAINES, A PRIVATE SURVEYOR, RESURVEYED SECTION 5 OF TOWNSHIP 23 SOUTH, RANGE 6 WEST, REESTABLISHING THE SOUTHEAST AND SOUTHWEST CORNERS AND SOME CORNERS ON THE NORTH LINE OF THE SECTION FROM ORIGINAL EVIDENCE. HAINES SURVEY OF SECTION 6 PROMPTED THE GLO TO RESURVEY SECTION 6 IN 1955 AND 1956. WHICH CLOSELY FOLLOWED HAINES SURVEY. THE GLO SET THEIR OWN EXTERIOR MONUMENTS IN SECTION 6 WITHOUT ANY REFERENCE IN THE GLO FIELD NOTES TO HAINES MONUMENTS, WHICH CAN BE FOUND IN CLOSE PROXIMITY TO THE GLO MONUMENTS. HAINES SURVEY PARTNER LEO MARTIN WHO LATER BECAME A BLM SURVEYOR TOLD ME OF HOSTILITY BY THE GLO TOWARD HAINES BECAUSE OF THE CHANGES TO THE GLO TOWNSHIP RESURVEY. THIS PARTLY EXPLAINS THE SETTING OF DUPLICATE MONUMENTS THROUGHOUT THIS TOWNSHIP BY BOTH HAINES AND THE GLO FOLLOWING HIS WORK. THEREFORE, THERE ARE DUPLICATE EXTERIOR MONUMENTS ON THE EXTERIOR OF SECTION 6 SET BY INDEPENDENT SURVEYS BY BOTH GLO AND HAINES, WITH INTERIOR SUBDIVISION MONUMENTS SET BY HAINES FROM HIS EXTERIOR SURVEY. THROUGHOUT THIS TOWNSHIP THERE IS HISTORICAL USE TO BOTH SETS OF CORNERS (GLO AND HAINES) WITH PRECEDENT TO THE GLO EXTERIOR MONUMENTS AS CONTROL. BUT THERE IS STILL PRACTICE TO USE HAINES MONUMENTS WHERE BLM/GLO MONUMENTS DO NOT EXIST. CURRENT BLM STANDARDS HAVE SHOWN A RELUCTANCE TO DISREGARD CORNERS OF RECORD WITH LONG USE THAT WERE SET AT POSITIONS WITHIN REASONABLE LIMITS OF ERROR FOR THE TIME PERIOD IN WHICH THEY WERE SET. HAINES CORNERS AT THE CENTER SOUTH 1/16 AND THE EAST 1/16 AS SHOWN ON THIS MAP ARE FROM OUR COMPUTATIONS WITHIN 12 AND 8 FEET RESPECTIVELY OF TRUE PORTIONS BASED ON THE BLM AND GLO EXTERIOR CORNER MONUMENTS. THESE HAINES 1/16 CORNERS ARE LOCATED IN REMOTE, DIFFICULT TERRAIN AND HAVE BEEN USED TO DETERMINE PROPERTY LINES IN THE PAST. FOR STABILITY THROUGHOUT THIS TOWNSHIP WITH BLM AND HAINES MONUMENTS, I WILL CONTINUE TO USE THEM AS CONTROL FOR THIS SURVEY.

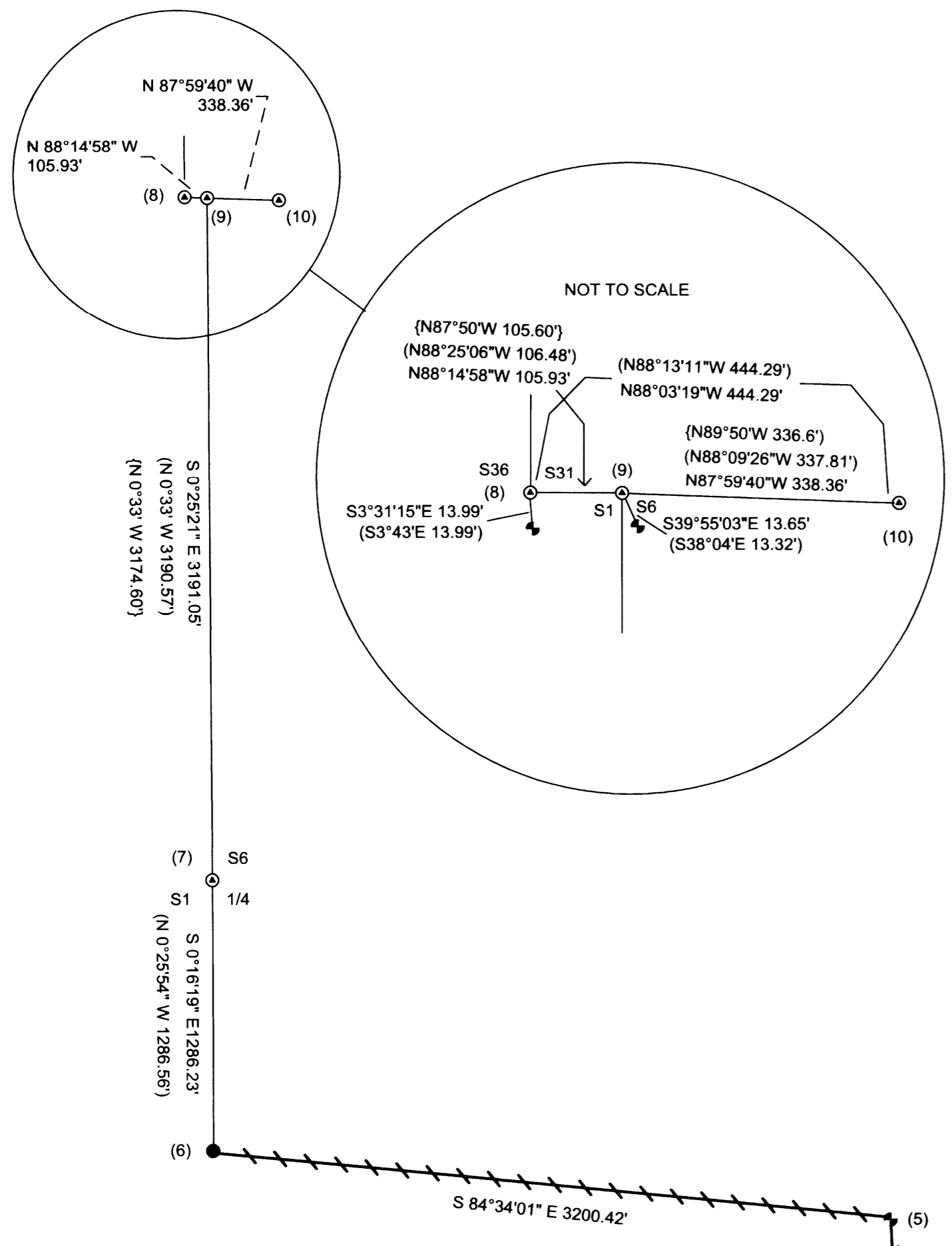
NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO ESTABLISH PROPERTY LINES FOR TIMBER MANAGEMENT PURPOSES AS SHOWN ON THIS MAP. WE INITIATED THIS SURVEY AT THE BLM SOUTH 1/4 OF SECTION 6 AND RAN CLOSED LOOP RANDOM TRAVERSES TO THE CORNERS SHOWN ON THIS MAP. WE TIED INTO THE CORNERS SHOWN ON THIS MAP FOR THIS SURVEY TO COMBINE VARIOUS SURVEYS WE HAVE DONE OVER THE YEARS IN SECTION 6 TO DETERMINE THE POSITIONAL TOLERANCE OF HAINES CENTER SOUTH 1/16 RELATIVE TO A COMPUTED POSITION BASED ON BLM EXTERIOR MONUMENTS. WE FOUND HAINES MONUMENTS FOR THE CENTER SOUTH 1/16 AND THE EAST 1/16 OF SECTION 6 TO BE 12 FEET AND 8 FEET RESPECTIVELY FROM OUR COMPUTED POSITIONS BASED ON THE BLM MONUMENTS. AFTER DISCUSSION WITH TIM MOORE (BLM CADASTRAL SURVEYOR), WE ACCEPTED THESE HAINES CORNERS AND MARKED THE PROPERTY LINES AS SHOWN.

DURING OUR SURVEY WE FOUND THE NORTHWEST CORNER OF SECTION 6 LOCATED ON A GROUND MASS THAT IS MOVING BUT SOMEWHAT DIFFICULT TO DETECT ON A CASUAL VISIT. WE PROVIDED ON THIS MAP THE CURRENT POSITION OF THE NORTHWEST CORNER RELATIVE TO THE OTHER NEARBY CORNERS FOR FUTURE REFERENCE AS I THINK THIS SECTION CORNER WILL KEEP MOVING IN A WESTERLY DIRECTION.

THIS SURVEY WAS DONE WITH A NIKON DTM 450 AND 522 TOTAL STATION WITH GARY ANGIOLET, DAN SAILY, AND IGNACIO ROMAN ASSISTING ME.

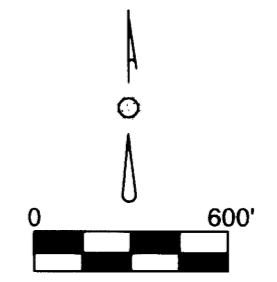
FILED
Date: 11-4-2011 By: JC
This survey consists of:
Map: M163-2
Narrative:
Corner Rpt:
**DOUGLAS COUNTY
SURVEYOR**



- 1) THE SOUTH QUARTER CORNER FOR SECTION 6
FOUND 1957 GLO BRASS CAP LOOSE AND PUSHED OUT OF POSITION WE STRAIGHTEN.
-- 30" WHITE FIR BEARS S76 3/4"W 69.2 FEET (RECORD S76"W 69.96 FEET) HEALED FACE AND TAG.
-- 12" DOUGLAS FIR BEARS S43 1/2"W 12.0 FEET WE SCRIBE 1/4 S7 BT AND TAG.
-- 18" DOUGLAS FIR BEARS N15 1/2"W 6.5 FEET WE SCRIBE 1/4 S6 BT AND TAG.
-- 12" DOUGLAS FIR BEARS N35"W 61.15 FEET WE SCRIBE 1/4 S6 BT AND TAG.
-- HAINES T-IRON BEARS N31°18'E 12.76 FEET.
CORNER LIES AT WEST END OF RANDOM FENCE LINE AND IS APPROX. 75 FEET EASTERLY OF JUNCTION OF 23-6-6.1 AND 23-6-7.4 ROADS
- 2) THE EAST 1/16 TH CORNER BETWEEN SECTIONS 6 AND 7
FOUND HAINES T-IRON WITH WASHER IN ROOTS OF MAPLE CLUMP I BELIEVE IS SPROUT GROWTH FROM HAINES MAPLE BEARING TREE WHICH FELL ALONGSIDE T-IRON
-- 20" DOUGLAS FIR BEARS N88 1/2"W 41.0 FEET WE SCRIBE E 1/16 S6 BT AND TAG.
-- 19" DOUGLAS FIR BEARS N7 1/2"W 45.7 FEET WE SCRIBE E 1/16 S6 BT AND TAG.
CORNER LIES IN ROOTS OF MAPLE CLUMP AND IS APPROX. 30 FEET WEST OF SMALL DRAW.
- 3) THE SOUTHEAST SECTION CORNER FOR SECTION 6
FOUND 1955 GLO BRASS CAP WITH HAINES T-IRON ALONG SIDE
-- 32" CEDAR BEARS S48"W 70.2 FEET AS PER RECORD HEALED FACE AND TAG.
-- 14" DOUGLAS FIR BEARS N9 3/4"W 41.8 FEET AS PER RECORD HEALED FACE AND TAG.
-- 20" WHITE FIR BEARS N49"W 47.1 FEET AS PER RECORD HEALED FACE AND TAG.
-- 27" DOUGLAS FIR BEARS S6 3/4"W 8.6 FEET AS PER RECORD HEALED FACE AND TAG.
CORNER LIES ON FLAT BENCH APPROX. 170 FEET SOUTH OF MAIN BRUSH CREEK ROAD.
- 4) THE EAST QUARTER CORNER FOR SECTION 6
FOUND 1955 GLO CAP
-- WITNESS CAP BEARS S89°E 32.69 FEET (RECORD S89 1/4"E 32.7 FEET)
-- WITNESS CAP BEARS S88 3/4"W 32.98 FEET (RECORD S88 1/4"W 33.0 FEET)
-- HAINES T-IRON BEARS N15 1/2"W 6.61 FEET (RECORD N16"W 6.6 FEET)
CORNER LIES ON 25% WEST FACING SLOPE APPROX. 200 FEET AT S85°E FROM LANDING AT END OF LOGGING SPUR. 2010 CLEARCUT WEST OF CORNER.
- 5) THE CENTER SOUTH 1/16 TH CORNER FOR SECTION 6
FOUND HAINES T-IRON WITH WASHER
-- 10" DOUGLAS FIR BEARS N77 3/4"W 4.9 FEET WE SCRIBE CS 1/16 S6 BT AND TAG.
-- 9" DOUGLAS FIR BEARS S22 1/2"14.8 FEET WE SCRIBE CS 1/16 S6 BT AND TAG.
-- ROTTEN FIR STUMP NO VISIBLE MARKS NEAR RECORD BEARING AND DISTANCE OF N79°E 18.4 FEET.
-- ROTTEN FIR STUMP NO VISIBLE MARKS NEAR RECORD BEARING AND DISTANCE OF S69°E 16.2 FEET.
CORNER LIES ON EAST FACING SLOPE APPROX. 10 FEET EAST OF ROCK BLUFF, IN EVEN AGED YOUNG TIMBER.
- 6) THE SOUTH 1/16 TH CORNER BETWEEN SECTIONS 1 AND 6
FOUND LONE ROCK TIMBER ALUMINUM CAP PER MAP M 111-72
-- 34" DOUGLAS FIR BEARS S60°E 12.3 FEET AS PER RECORD HEALED FACE AND TAG.
-- 18" DOUGLAS FIR BEARS S36"W 35.0 FEET AS PER RECORD HEALED FACE AND TAG.
-- METAL FENCE POST WITH LOCATION TAG ON SOUTH EDGE OF OLD ROAD GRADE BEARS SOUTH 44.1 FEET AS PER RECORD.
CORNER LIES ON STEEP SOUTHEAST SLOPE.
- 7) THE WEST QUARTER CORNER FOR SECTION 6
FOUND 1957 GLO BRASS CAP
-- 16" DOUGLAS FIR STUMP BEARS S78 1/2"E 13.1 FEET (RECORD S79°E 14.1 FEET) HEALED FACE AND TAG.
-- 17" DOUGLAS FIR BEARS N35 1/4"W 15.6 FEET (RECORD N38"W 15.85 FEET) HEALED FACE
-- 55" FIR BEARS N82 1/4"W 135.2 FEET (RECORD N85"W 142.8 FEET) HEALED FACE AND TAG.
-- HAINES T-IRON BEARS N16°33'E 16.75 FEET (RECORD N15°E 16.7 FEET)
CORNER LIES ON SOUTH EAST SLOPE APPROX. 75 FEET EASTERLY OF DIRT ROAD.
- 8) THE SOUTH WEST CORNER FOR SECTION 31
FOUND 1956 BLM BRASS CAP
-- HAINES T-IRON BEARS S3°31'E 13.99 FEET (RECORD S3°43'E 13.99 FEET)
CORNER LIES ON SOUTH WEST SLOPE APPROX 100 FEET EAST OF BRUSH CREEK ROAD.
- 9) THE NORTH WEST SECTION CORNER FOR SECTION 6
FOUND 1956 BLM CAP THIS CORNER HAS MOVED APPROX. 0.5 FEET WESTERLY DUE TO AN UPROOTED TREE. CORNER IS STILL FIRMLY IN GROUND BUT GROUND AROUND IT IS MOVING.
-- HAINES T-IRON BEARS S39°55'E 13.65 FEET (RECORD S37 3/4"E 13.3 FEET)
-- 35" DOUGLAS FIR STUMP BEARS S62 1/4"W 58.5 FEET (RECORD S65"W 61.1 FEET) HEALED FACE AND TAG.
-- 32" DOUGLAS FIR STUMP BEARS S23 1/4"W 61.8 FEET (RECORD S25"W 63.8 FEET) HEALED FACE AND TAG.
CORNER LIES ON SOUTH FACING SLOPE ON NORTH LINE OF CLEARCUT.
- 10) ANGLE POINT FOR SECTION 31
FOUND 1955 BLM BRASS CAP
-- 12" DOGWOOD STUMP BEARS S53 3/4"E 25.0 FEET (RECORD S56°E 25.1 FEET) BARK SCRIBED AND TAG.
-- 50" DOUGLAS FIR BEARS S53 1/4"E 41.2 FEET (RECORD S54°E 38.9 FEET) HEALED FACE AND TAG.
CORNER LIES ON SOUTH FACING SLOPE ON NORTH LINE OF CLEARCUT

LEGEND

⊙	FOUND GLO BRASS CAP
⚡	FOUND HAINES T-IRON
●	FOUND HOFFINE ALUMINUM CAP
()	1991 HOFFINE MAP M 111-72 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
< >	1955 HAINES MAP CS 42 / 13 FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
{ }	1960 BLM PLAT FILED IN DOUGLAS COUNTY SURVEYORS OFFICE
■	Proposed Catch Basin
○	Sixteenth Corner



REGISTERED PROFESSIONAL LAND SURVEYOR
Ken W. Hoffine
OREGON JULY 16, 1987
KEN W. HOFFINE 2291
EXPIRES: 6/30/13

MAP FILE M163-2

MAP FILE M163-2