

SHEET 1 OF 2

CORNER INFORMATION

DESCRIPTIONS OF STATE BOUNDARIES SURVEYED

THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 3 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, LOCATED IN SKAMANIA COUNTY, WASHINGTON.

NARRATIVE

THE PURPOSE OF THIS SURVEY WAS TO PROVIDE A LEGAL DESCRIPTION FOR A TRAIL (THREE CORNER ROCK TRAIL) OVER AND ACROSS A PORTION OF PROPERTY OWNED BY ORM TIMBER FUND (REIT) INCORPORATED, IN THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 3 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, LOCATED IN SKAMANIA COUNTY, WASHINGTON. DETAILED NARRATIVES ARE WRITTEN FOR EACH CORNER FOUND AS SUBMITTED UNDER CORNER INFORMATION.

G.L.O. HISTORY

- 1882 CHARLES E. SEARS, UNDER CONTRACT DATED DECEMBER 23, 1882, SURVEYED A PORTION OF TOWNSHIP 3 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, INCLUDING SECTION 28.
- 1903 ROBERT F. WHITMAN, UNDER CONTRACT NUMBER 600, COMPLETED THE SURVEY OF TOWNSHIP 3 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, INCLUDING THE RESURVEY OF THE SOUTH LINE OF SECTION 21.

EQUIPMENT USED, METHOD OF SURVEY, AND ACCURACY

- THIS SURVEY WAS PERFORMED WITH THE USE OF TWO LEICA GS14 GLOBAL POSITIONING SYSTEM (GPS) RECEIVERS. THE INITIAL CONTROL POINT (1) WAS ESTABLISHED FROM TIES TO THE NATIONAL GEODETIC SURVEY (NGS) CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) CONTROL POINTS WERE OBSERVED BY A MINIMUM OF TWO SESSIONS SEPARATED BY A MINIMUM OF ONE HOUR. THE RAW GPS DATA WAS SUBMITTED TO THE NGS ONLINE POSITIONING USER SERVICE (OPUS) WEBSITE FOR SOLUTIONS AT LEAST 24 HOURS AFTER FIELD OBSERVATIONS WERE MADE. THE RETURNED SOLUTIONS WERE THEN AVERAGED. • AN ADDITIONAL CONTROL POINT (3) WAS MADE WITH REAL TIME KINEMATIC (RTK) STYLE OF SURVEY METHOD CALIBRATED TO THE INITIAL CONTROL POINT. CONTROL POINTS AND CORNERS TIED WITH RTK WERE OBSERVED BY MEASURING TO THE POINT, THEN RE-INITIALIZING SIGNAL LOCK OF THE RTK RECEIVER TO ESTABLISH THREE OR MORE INDEPENDENT MEASUREMENTS. ADDITIONAL CORNER TIES, SETS, AND GROUND TRAVERSES WERE PERFORMED WITH A LEICA TS12 DIGITAL TOTAL STATION. CORNER MONUMENTS TIED WERE CHECKED WITH DOUBLE MEASURES OF BOTH DIRECTION AND DISTANCE. THE TRAVERSE DATA WAS PROCESSED USING STAR*NET, VERSION 7.1.0.5. THIS METHOD MEETS THE RELATIVE ACCURACY STANDARDS AS SPECIFIED IN WAC 332-130-080/090.
- TIES TO CORNER REFERENCES WERE MADE WITH A HAND COMPASS AND STEEL TAPE. PLASTIC REFERENCE TAGS WERE SET IN A BLAZED FACE AT CHEST HEIGHT OF REFERENCE TREES.

CONTROL SPECIFICATIONS

THE CONTROL PORTION OF THIS SURVEY IS IN COMPLIANCE WITH THE FEDERAL GEODETIC CONTROL COMMITTEES GEODETIC ACCURACY STANDARDS AND SPECIFICATIONS FOR USING GPS RELATIVE POSITIONING TECHNIQUES, VERSION 5.0, UPDATED AUGUST 1, 1989 FOR GROUP C, ORDER 1 SURVEYS.

CONVERGENCE:

AT THE 1/4 SECTION CORNER COMMON TO SECTIONS 7 AND 8 TOWNSHIP 28 NORTH, RANGE 8 EAST.

THE AREAS AND DISTANCES SHOWN ARE GRID. DIVIDE THE GRID DISTANCE BY THE COMBINED GRID FACTOR OF 0.999934699TO OBTAIN THE GROUND DISTANCE. THE GRID FACTOR IS DERIVED FROM AN ELEVATION FACTOR OF 0.999907707 AND A LATITUDE FACTOR OF 1.000026994.

APPROXIMATE MEAN ELEVATION AT THE PROJECT SITE = 2000 FT.

BASIS OF MERIDIAN

BEARINGS AND DISTANCES ARE BASED ON THE WASHINGTON COORDINATE SYSTEM, NAD-83 (2011) EPOCH 2010.00, SOUTH ZONE DERIVED FROM TIES TO THE FOLLOWING NGS CORS STATIONS:

BASE STATIONS USED:

PID		DESIGNATION	LATITUDE	LONGITUDE
			B. 400	
AJ7205	SC00	SC00	N 46°57'03.312"	W 120°43'28.534"
DG8344	P420	FANTASYFD_WA2004	N 46°35'18.952"	W 122°51'58.733"
DG9893	NWBG	ADEPAZ COOP	N 45°18'00.172"	W 122°58'31.850"
DH4129	P698	MSH_SESLPEWA2004	N 46°10'24.461"	W 122°09'38.141"
DH4503	P376	EOLARE_OR2004	N 44°56'28.315"	W 123°06'08.099"
DK4151	P446	KELSO_AIR_WA2007	N 46°06'56.369"	W 122°53'33.975"
DN2111	JIME	JIM ELAM	N 45°31'23.214	W 122°59'25.841"
DN5852	RKD1	OROVILLE AIRPORT	N 48°57'51.648"	W 119°24'46.839"
DP8352	P06	SHANIKO	N 44°55'21.784"	W 120°56'46.093"

NEW POSITIONS DETERMINED BY G.P.S. METHODS:

STATION_ NORTHINGS EASTINGS DESCRIPTIONS

> 1240015.614' GPS, SPIKE 145308.345' 143376.305' 1238063.329' C-1/4, S28, BC MON.

(R11) 1/4 SECTION CORNER COMMON TO SECTIONS 21 AND 28

06/10/2021: FOUND AN IRON PIPE WITH BRASS CAP

1882 G.L.O. SURVEYOR, CHARLES E. SEARS, UNDER CONTRACT DATED DECEMBER 23, 1882, SET A POST. 2005 GEORGE J. FORD., PLS 22330, SET AN IRON PIPE WITH BRASS CAP, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'S FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

THE FOLLOWING REFERENCES WERE NOTED:

06/10/2021: FOUND AN IRON PIPE WITH BRASS CAP.

- AN 8" FIR BEARS S78°E, 2.55'. MEASURED TO A NAIL IN TREE FACE. AN 8" FIR BEARS S18°E, 9.06'. MEASURED TO A NAIL IN TREE FACE. - AN 8" FIR BEARS N82°E, 6.84. MEASURED TO A NAIL IN TREE FACE. - AN ORANGE CARSONITE WITNESS POST BEARS WEST, 1.0'

FIELD BOOK 3086, PAGE 7

(R13) SECTION CORNER COMMON TO SECTIONS 27 AND 28 ONLY

SAID CORNER CALCULATED FROM RECORD

CORNER WAS NOT VISITED DURING THIS SURVEY

1882 G.L.O. SURVEYOR, CHARLES E. SEARS, UNDER CONTRACT DATED DECEMBER 23, 1882, SET A POST. 1903 ROBERT F. WHITMAN, UNDER CONTRACT NUMBER 600 FOUND THE POST SET BY SEARS IN 1882 AND DESTROYED THE MARKINGS ON SAID POST AND THE BEARING TREES PERTAINING TO SECTIONS 21 AND 22. 2005 GEORGE J. FORD., PLS 22330, SET AN IRON PIPE WITH BRASS CAP, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'

THIS CORNER WAS CALCULATED FROM SAID 2005 SURVEY BY GEORGE J. FORD., PLS 22330, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'S FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

CORNER WAS NOT VISITED DURING THIS SURVEY.

(T11) CENTER 1/4 SECTION CORNER OF SECTION 28

06/10/2021: FOUND AN IRON PIPE WITH BRASS CAP

2005 GEORGE J. FORD., PLS 22330, SET AN IRON PIPE WITH BRASS CAP, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'S FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

> THE FOLLOWING REFERENCES WERE NOTED: - A 24" HEMLOCK STUMP BEARS N20°E, 21.16'. MEASURED TO A NAIL IN STUMP FACE. - AN ∄8" HEMLOCK STUMP BEARS WEST, 9.39'. MEASURED TO A NAIL IN STUMP FACE. - AN ORANGE CARSONITE WITNESS POST BEARS SOUTH, 1.0'

FIELD BOOK 3086, PAGE 6

(T13) 1/4 SECTION CORNER COMMON TO SECTIONS 27 AND 28

SAID CORNER CALCULATED FROM RECORD

CORNER WAS NOT VISITED DURING THIS SURVEY

HISTORY:

1882 G.L.O. SURVEYOR, CHARLES E. SEARS, UNDER CONTRACT DATED DECEMBER 23, 1882, SET A POST. 2005 GEORGE J. FORD., PLS 22330, SET AN IRON PIPE WITH BRASS CAP, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'S FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

THIS CORNER WAS CALCULATED FROM SAID 2005 SURVEY BY GEORGE J. FORD., PLS 22330, AS PER RECORD OF SURVEY FILED UNDER AUDITOR'S FILE NUMBER 2006162403, SKAMANIA COUNTY RECORDS.

CORNER WAS NOT VISITED DURING THIS SURVEY



A RECORD OF SURVEY IN THE NE 1/4 OF THE NE 1/4 AND THE NW 1/4 OF THE NE 1/4 OF SECTIONS 28. TOWNSHIP 3 NORTH, RANGE 6 EAST, WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WA.

STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES

LAND SURVEY SECTION - P.O. BOX 47030 OLYMPIA, WASHINGTON 98504-7030 (360) 902-1206 THREE CORNER ROCK TRAIL EASEMENT

FIELD CREW: J. CHRISTEN R. SEILER

FIELD BOOK: 3086 9/1/2021

FINAL MAP NUMBER: 2197

SHEET 2 OF 2