

MAP OF SURVEY

LOCATED IN THE NORTHWEST ONE-QUARTER (NW1/4) OF SECTION 33,
TOWNSHIP 36 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN,
JACKSON COUNTY, OREGON
JULY, 2017

NARRATIVE

PURPOSE:

PARAMETRIX WAS CONTRACTED BY PINE GATE RENEWABLES, LLC TO RECOVER AND/OR RE-ESTABLISH ANY LOST OR OBLITERATED BOUNDARY CORNERS FOR THOSE LANDS DESCRIBED IN INSTRUMENT NO. 2011-007292, RECORDED MARCH 7, 2011, AND MONUMENT LEASE AREA'S #1 AND #2, SHOWN HEREON. THIS SURVEY IS BASED ON COUNTY SURVEY NO. 21906 (CS21906), FILED FEBRUARY 17, 2016.

PROCEDURE:

MONUMENTS PER CS21906 WERE RECOVERED AND FOUND IN GOOD CONDITION. MONUMENTS SET ARE SHOWN HEREON.

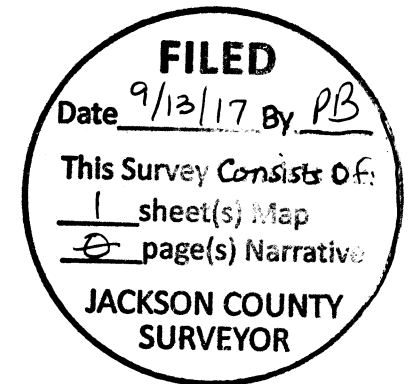
BASIS OF BEARINGS FOR THIS SURVEY IS NORTH 01°11'02" EAST, BETWEEN THE NORTHWEST CORNER AND THE WEST QUARTER CORNER OF SECTION 33, TOWNSHIP 36 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN, AS SHOWN ON SAID COUNTY SURVEY NO. 21906.

REFERENCES

- (A) MAP OF SURVEY FOR CYPRESS CREEK RENEWABLES, LLC, FILED IN JACKSON COUNTY, OREGON, SURVEY NUMBER 21906.

FOUND MONUMENTS TABLE	
POINT NO.	DESCRIPTION
400	FOUND 5/8IN IRON ROD WITH YELLOW PLASTIC CAP, MARKED PARAMETRIX, CS 21906
1006	FOUND 5/8IN IRON ROD WITH NO CAP, CS 3442
1008	FOUND 1IN ALUM DISK IN CONCRETE, C 1/4 SEC 33 1998 PLS281, GCDB 340140
1009	FOUND 5/8IN IRON ROD WITH YELLOW PLASTIC CAP, MARKED KAISER RLS803, CS 11297
1014	FOUND 2-1/2IN BRASS DISK, NORTHWEST CORNER SECTION 33, 1983, GCDB 300200
1015	FOUND 5/8IN IRON ROD WITH NO CAP, CS 11297
1016	2-1/2IN BRASS DISC ILLEGIBLE, GCDB 300140, 1983
1017	FOUND 5/8IN IRON ROD WITH YELLOW PLASTIC CAP, MARKED KAISER RLS803, CS 11297

LEASE AREA CURVE TABLE				
CURVE NO.	LENGTH	RADIUS	DELTA	LONG CHORD
C1	145.02'	60.05'	138°22'38"	N59°22'56"E 112.25'
C2	30.17'	37.09'	46°36'17"	N03°02'08"W 29.34'
C3	112.59'	71.86'	89°46'41"	N63°24'38"W 101.42'
C4	151.96'	1383.30'	6°17'39"	N17°48'37"W 151.88'
C5	123.29'	104.87'	67°21'19"	N06°06'41"E 116.31'
C6	116.27'	115.84'	57°30'29"	N37°10'26"W 111.45'
C7	96.56'	54.86'	100°50'39"	S52°42'34"E 84.57'



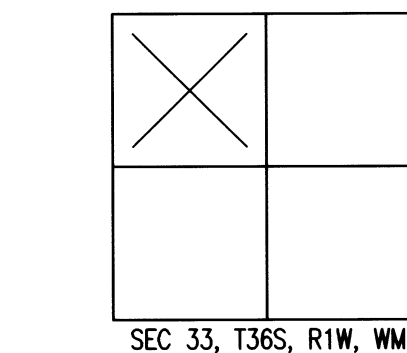
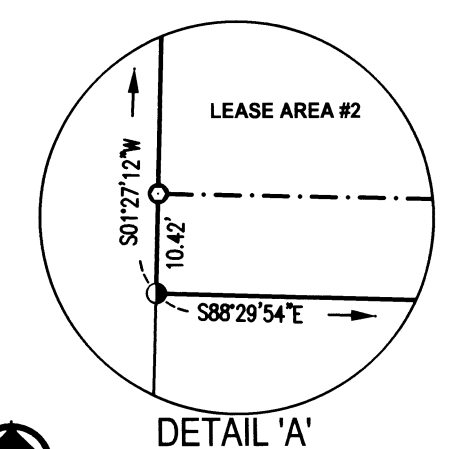
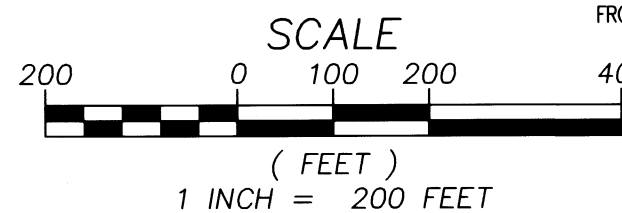
LEASE AREA LINE TABLE		
LINE NO.	LENGTH	BEARING
L1	947.47'	S88°28'50"E
L2	18.72'	N16°50'49"W
L3	587.20'	N00°16'10"W
L4	37.79'	S88°18'17"E
L5	67.87'	N09°30'36"E
L6	28.70'	N07°55'23"W
L7	85.13'	S45°21'02"E
L8	151.54'	S60°17'32"E
L9	72.31'	S32°34'52"E
L10	77.17'	S45°44'10"E
L11	121.59'	S70°10'36"E
L12	204.89'	S88°00'36"E
L13	196.05'	S19°04'46"E
L14	52.27'	N72°33'09"E
L15	41.08'	N88°27'37"E

LEASE AREA LINE TABLE		
LINE NO.	LENGTH	BEARING
L16	22.11'	N22°35'44"E
L17	115.88'	N01°20'30"W
L18	94.18'	N37°18'32"W
L19	181.29'	N04°27'51"W
L20	213.89'	N63°41'15"W
L21	85.06'	N32°46'24"W
L22	18.92'	N18°19'26"W
L23	446.06'	N74°17'10"W
L24	365.53'	N88°29'54"W
L25	11.62'	N36°42'24"W
L26	65.13'	N88°21'54"W
L27	120.54'	N54°29'06"W
L28	147.73'	N44°49'23"W
L29	315.10'	N63°58'15"W
L30	661.31'	N88°47'28"W

LEASE AREA LINE TABLE		
LINE NO.	LENGTH	BEARING
L31	233.36'	S01°27'12"W
L32	1971.41'	N88°24'03"W
L33	60.52'	S56°28'23"E
L34	277.45'	S28°48'22"E
L35	88.83'	S00°38'45"E
L36	264.30'	S59°41'08"E
L37	83.68'	S16°45'48"E
L38	119.61'	S87°52'34"E
L39	1327.69'	S01°21'34"W
L40	658.07'	S88°47'28"E
L41	309.27'	S63°58'15"E
L42	116.87'	S44°49'23"E
L43	122.71'	S25°59'55"W
L44	918.35'	N88°49'17"W
L45	367.74'	S01°27'12"W

LEGEND

- FOUND MONUMENT AS NOTED IN FOUND MONUMENT TABLE
- SET 5/8" x 30" IRON ROD WITH YELLOW PLASTIC CAP MARKED "PARAMETRIX"
- () RECORD DATA PER CITED REFERENCE
- ⊗ FOUND MONUMENT POINT NUMBER, SEE FOUND MONUMENT TABLE
- YPC YELLOW PLASTIC CAP
- * RECORD DATA SAME AS MEASURED DATA
- PARENT PARCEL BOUNDARY
- - - LEASE AREA BOUNDARY



SURVEY BEING PREPARED FOR:
PINE GATE RENEWABLES, LLC

Parametrix
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PMX JOB NO. 297-7925-001

SURVEYED	PSO	ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY
DRAWN	ANH	
CHECKED	BCC	
APPROVED	ANH	

SCALE 1" = 200'
DATE JULY, 2017

SHEET NO. 1 OF 1

