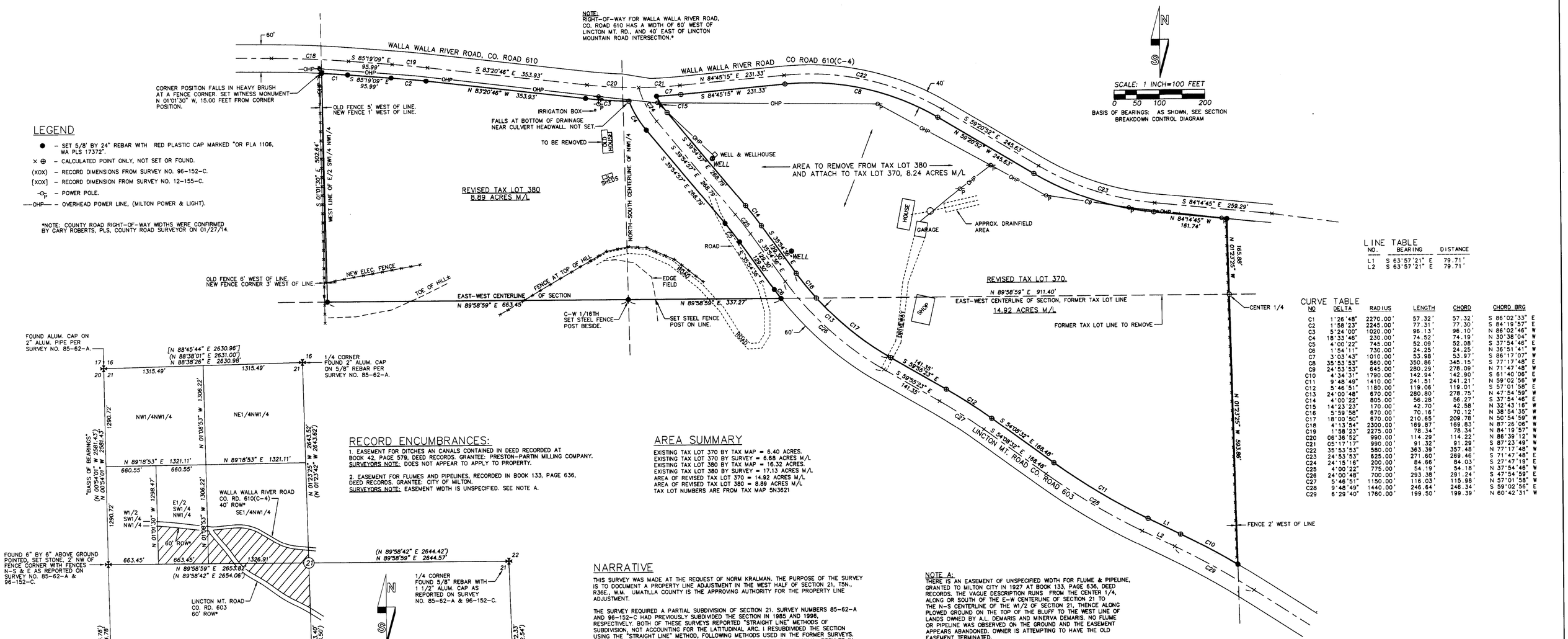
RECORD OF SURVEY



LEGEND

- ● – SET 5/8' BY 24" REBAR WITH RED PLASTIC CAP MARKED "OR PLA 1106, WA PLS 17372".
- × ⊕ – CALCULATED POINT ONLY, NOT SET OR FOUND.
- (XOX) – RECORD DIMENSIONS FROM SURVEY NO. 96-152-C.
- [XOX] – RECORD DIMENSION FROM SURVEY NO. 12-155-C.
- –○P – POWER POLE.
- —OHP— – OVERHEAD POWER LINE, (MILTON POWER & LIGHT).

*NOTE: COUNTY ROAD RIGHT-OF-WAY WIDTHS WERE CONFIRMED BY GARY ROBERTS, PLS, COUNTY ROAD SURVEYOR ON 01/27/14.

LINE TABLE

NO.	BEARING	DISTANCE
L1	S 63°57'21" E	79.71'
L2	S 63°57'21" E	79.71'

CURVE TABLE

NO	DELTA	RADIUS	LENGTH	CHORD	CHORD BRG
C1	1°26'48"	2270.00'	57.32'	57.32'	S 86°02'33" E
C2	1°58'23"	2245.00'	77.31'	77.30'	S 84°19'57" E
C3	5°24'00"	1020.00'	96.13'	96.10'	N 86°02'46" W
C4	18°33'46"	230.00'	74.52'	74.19'	N 30°38'04" W
C5	4°00'22"	745.00'	52.09'	52.08'	S 37°54'46" E
C6	1°54'11"	730.00'	24.25'	24.25'	N 36°51'41" W
C7	3°03'43"	1010.00'	53.98'	53.97'	S 86°17'07" W
C8	35°53'53"	560.00'	350.86'	345.15'	S 77°17'48" E
C9	24°53'53"	645.00'	280.29'	278.09'	N 71°47'48" W
C10	4°34'31"	1790.00'	142.94'	142.90'	S 61°40'06" E
C11	9°48'49"	1410.00'	241.51'	241.21'	N 59°02'56" W
C12	5°46'51"	1180.00'	119.06'	119.01'	S 57°01'58" E
C13	24°00'48"	670.00'	280.80'	278.75'	N 47°54'59" W
C14	4°00'22"	805.00'	56.28'	56.27'	S 37°54'46" E
C15	14°23'23"	170.00'	42.70'	42.58'	N 32°43'16" W
C16	5°59'58"	670.00'	70.16'	70.12'	N 38°54'35" W
C17	18°00'50"	670.00'	210.65'	209.78'	N 50°54'59" W
C18	4°13'54"	2300.00'	169.87'	169.83'	N 87°26'06" W
C19	1°58'23"	2275.00'	78.34'	78.34'	N 84°19'57" W
C20	06°36'52"	990.00'	114.29'	114.22'	N 86°39'12" W
C21	05°17'17"	990.00'	91.32'	91.29'	S 87°23'49" W
C22	35°53'53"	580.00'	363.39'	357.48'	N 77°17'48" W
C23	24°53'53"	625.00'	271.60'	269.46'	S 71°47'48" E
C24	24°15'16"	200.00'	84.66'	84.03'	S 27°47'19" E
C25	4°00'22"	775.00'	54.19'	54.18'	N 37°54'46" W
C26	24°00'48"	700.00'	293.38'	291.24'	S 47°54'59" E
C27	5°46'51"	1150.00'	116.03'	115.98'	N 57°01'58" W
C28	9°48'49"	1440.00'	246.64'	246.34'	S 59°02'56" E
C29	6°29'40"	1760.00'	199.50'	199.39'	N 60°42'31" W

SECTION BREAKDOWN CONTROL DIAGRAM
SECTION 21, T5N., R36E., W.M.

RECORD ENCUMBRANCES:

1. EASEMENT FOR DITCHES AN CANALS CONTAINED IN DEED RECORDED AT BOOK 42, PAGE 579, DEED RECORDS. GRANTEE: PRESTON-PARTIN MILLING COMPANY.
SURVEYORS NOTE: DOES NOT APPEAR TO APPLY TO PROPERTY.

2. EASEMENT FOR FLUMES AND PIPELINES, RECORDED IN BOOK 133, PAGE 636, DEED RECORDS. GRANTEE: CITY OF MILTON.
SURVEYORS NOTE: EASEMENT WIDTH IS UNSPECIFIED. SEE NOTE A.

AREA SUMMARY

EXISTING TAX LOT 370 BY TAX MAP = 6.40 ACRES.
EXISTING TAX LOT 370 BY SURVEY = 6.68 ACRES M/L
EXISTING TAX LOT 380 BY TAX MAP = 16.32 ACRES.
EXISTING TAX LOT 380 BY SURVEY = 17.13 ACRES M/L
AREA OF REVISED TAX LOT 370 = 14.92 ACRES M/L
AREA OF REVISED TAX LOT 380 = 8.89 ACRES M/L
TAX LOT NUMBERS ARE FROM TAX MAP 5N3621

NARRATIVE

THIS SURVEY WAS MADE AT THE REQUEST OF NORM KRALMAN. THE PURPOSE OF THE SURVEY IS TO DOCUMENT A PROPERTY LINE ADJUSTMENT IN THE WEST HALF OF SECTION 21, T5N., R36E., W.M. UMATILLA COUNTY IS THE APPROVING AUTHORITY FOR THE PROPERTY LINE ADJUSTMENT.

THE SURVEY REQUIRED A PARTIAL SUBDIVISION OF SECTION 21. SURVEY NUMBERS 85-62-A AND 96-152-C HAD PREVIOUSLY SUBDIVIDED THE SECTION IN 1985 AND 1996, RESPECTIVELY. BOTH OF THESE SURVEYS REPORTED "STRAIGHT LINE" METHODS OF SUBDIVISION, NOT ACCOUNTING FOR THE LATITUDINAL ARC. I RESUBDIVIDED THE SECTION USING THE "STRAIGHT LINE" METHOD, FOLLOWING METHODS USED IN THE FORMER SURVEYS. INTRODUCING THE LATITUDINAL ARC, AS REQUIRED BY THE 2009 BLM MANUAL, RESULTS IN INSIGNIFICANT DIFFERENCES IN BEARINGS WITHIN THE INTERIOR OF THE SECTION, THE MAXIMUM THEORETICAL CALCULATION ERROR BEING 0.17 FOOT AT THE CENTER ONE-QUARTER CORNER OF SECTION 21. I RECOVERED AND TIED THE CORNERS AS INDICATED ON THIS RECORD OF SURVEY AND SET THE MONUMENTS INDICATED TO MARK BOUNDARIES OF THE REVISED TAX LOTS. THE MAXIMUM THEORETICAL ERROR FOR THE MONUMENTS SET ON THIS SURVEY IS 0.04', WHICH OCCURS AT THE C-W 1/16TH CORNER WHICH I MONUMENTED.

THE MONUMENT FOR THE SOUTHWEST CORNER OF SECTION 21 HAS BEEN REMOVED FROM THE GROUND AND IS NOW BEING USED AS A FENCE TIGHTENER, AS NOTED ON THIS RECORD OF SURVEY.

THE SURVEY WAS MADE BY A TWO PERSON CREW USING TRIMBLE GEODETIC GPS RECEIVERS OPERATED IN REAL TIME KINEMATIC MODE. TIES TO CONTROLLING MONUMENTS WERE VERIFIED BY REDUNDANT OBSERVATIONS.

NOTE A:
THERE IS AN EASEMENT OF UNSPECIFIED WIDTH FOR FLUME & PIPELINE, GRANTED TO MILTON CITY IN 1927 AT BOOK 133, PAGE 636, DEED RECORDS. THE VAGUE DESCRIPTION RUNS FROM THE CENTER 1/4, ALONG OR SOUTH OF THE E-W CENTERLINE OF SECTION 21 TO THE N-S CENTERLINE OF THE W1/2 OF SECTION 21, THENCE ALONG PLOWED GROUND ON THE TOP OF THE BLUFF TO THE WEST LINE OF LANDS OWNED BY A.L. DEMARIS AND MINERVA DEMARIS. NO FLUME OR PIPELINE WAS OBSERVED ON THE GROUND AND THE EASEMENT APPEARS ABANDONED. OWNER IS ATTEMPTING TO HAVE THE OLD EASEMENT TERMINATED.

RECEIVED BY
Umatilla County Surveyor
Date: 3/3/14
Rec'd By: [illegible]
No.: 14-019-C

REGISTERED PROFESSIONAL LAND SURVEYOR
William R. Wells
OREGON
JULY 22, 1977
WILLIAM R. WELLS
1106
RENEWS 6/30/14

WELLS SURVEYING
1 SW NYE AVENUE, SUITE B
P.O. BOX 1696
PENDLETON, OREGON
PHONE: (541) 276-6362

DATE: 01/2014 | DR. BY: WRW/DMT
CK. BY: WRW | NO: 13-1461

PROJECT: \KRALMANPLAROT
PROPERTY LINE ADJUSTMENT SURVEY FOR:
NORMAN F. KRALMAN
LOCATED IN THE WEST HALF OF SECTION 21, TOWNSHIP 5 NORTH, RANGE 36 EAST, W.M., UMATILLA COUNTY, OREGON.