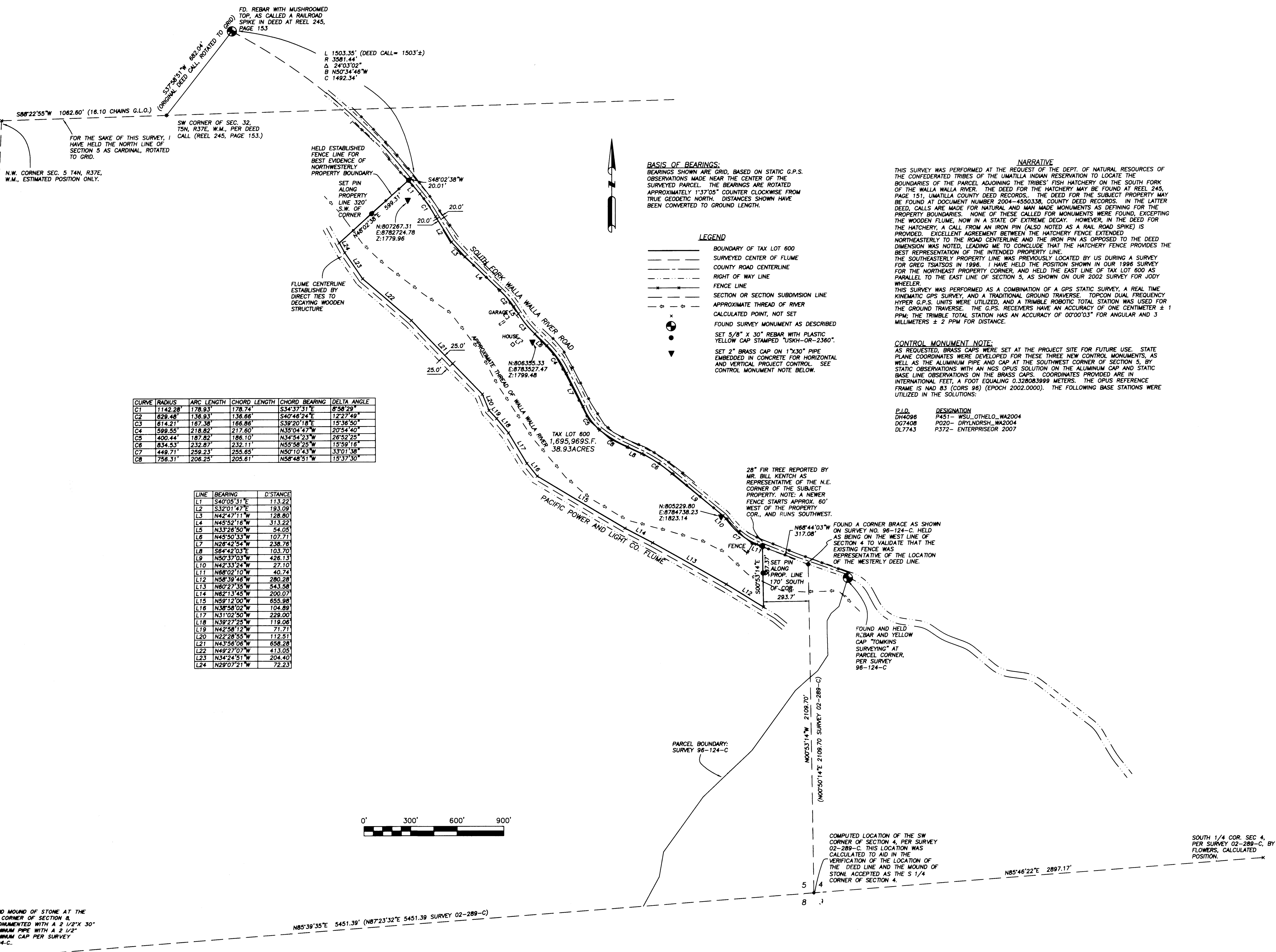


FILE: I:\1282600\SURVEY\DWG\1282600-CTUIR.DWG PLOTTED: Nov 4, 2010 - 8:14:36 AM (Paul Tomkins)



CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	1142.28	178.93	178.74	S34°37'51\"	8°58'29\"
C2	828.48	136.93	136.66	S40°46'24\"	12°27'49\"
C3	614.21	167.36	166.86	S39°20'18\"	15°36'50\"
C4	599.55	218.82	217.60	N35°04'47\"	20°54'40\"
C5	400.44	187.82	186.10	N34°54'23\"	26°52'25\"
C6	834.53	232.87	232.11	N55°58'25\"	15°59'16\"
C7	449.71	259.23	255.85	N50°10'43\"	33°01'38\"
C8	756.31	206.25	205.61	N58°48'51\"	15°37'30\"

LINE	BEARING	DISTANCE
L1	S40°05'31\"	113.22
L2	S32°01'47\"	193.09
L3	N42°47'11\"	128.80
L4	N45°52'18\"	313.22
L5	N33°26'50\"	54.05
L6	N45°50'33\"	107.71
L7	N26°42'54\"	236.76
L8	S64°42'03\"	103.70
L9	N50°37'03\"	426.13
L10	N42°33'24\"	27.10
L11	N68°02'10\"	40.74
L12	N58°39'46\"	280.28
L13	N60°27'35\"	543.58
L14	N62°13'45\"	200.07
L15	N59°12'00\"	655.98
L16	N38°58'02\"	104.89
L17	N31°02'50\"	229.00
L18	N39°27'25\"	119.06
L19	N42°58'12\"	71.71
L20	N22°28'55\"	112.51
L21	N43°56'06\"	658.28
L22	N49°27'07\"	413.05
L23	N34°24'51\"	204.40
L24	N29°07'21\"	72.23

BASIS OF BEARINGS:
 BEARINGS SHOWN ARE GRID, BASED ON STATIC G.P.S. OBSERVATIONS MADE NEAR THE CENTER OF THE SURVEYED PARCEL. THE BEARINGS ARE ROTATED APPROXIMATELY 1°37'05\"

LEGEND

- BOUNDARY OF TAX LOT 600
- SURVEYED CENTER OF FLUME
- COUNTY ROAD CENTERLINE
- RIGHT OF WAY LINE
- FENCE LINE
- SECTION OR SECTION SUBDIVISION LINE
- APPROXIMATE THREAD OF RIVER
- CALCULATED POINT, NOT SET
- FOUND SURVEY MONUMENT AS DESCRIBED
- SET 5/8\"
- SET 2\"

NARRATIVE
 THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE DEPT. OF NATURAL RESOURCES OF THE CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION TO LOCATE THE BOUNDARIES OF THE PARCEL ADJOINING THE TRIBES' FISH HATCHERY ON THE SOUTH FORK OF THE WALLA WALLA RIVER. THE DEED FOR THE HATCHERY MAY BE FOUND AT REEL 245, PAGE 151, UMATILLA COUNTY DEED RECORDS. THE DEED FOR THE SUBJECT PROPERTY MAY BE FOUND AT DOCUMENT NUMBER 2004-4550338, COUNTY DEED RECORDS. IN THE LATTER DEED, CALLS ARE MADE FOR NATURAL AND MAN MADE MONUMENTS AS DEFINING FOR THE PROPERTY BOUNDARIES. NONE OF THESE CALLED FOR MONUMENTS WERE FOUND, EXCEPTING THE WOODEN FLUME, NOW IN A STATE OF EXTREME DECAY. HOWEVER, IN THE DEED FOR THE HATCHERY, A CALL FROM AN IRON PIN (ALSO NOTED AS A RAIL ROAD SPIKE) IS PROVIDED. EXCELLENT AGREEMENT BETWEEN THE HATCHERY FENCE EXTENDED NORTHEASTERLY TO THE ROAD CENTERLINE AND THE IRON PIN AS OPPOSED TO THE DEED DIMENSION WAS NOTED, LEADING ME TO CONCLUDE THAT THE HATCHERY FENCE PROVIDES THE BEST REPRESENTATION OF THE INTENDED PROPERTY LINE.

CONTROL MONUMENT NOTE:
 AS REQUESTED, BRASS CAPS WERE SET AT THE PROJECT SITE FOR FUTURE USE. STATE PLANE COORDINATES WERE DEVELOPED FOR THESE THREE NEW CONTROL MONUMENTS, AS WELL AS THE ALUMINUM PIPE AND CAP AT THE SOUTHWEST CORNER OF SECTION 5. BY STATIC OBSERVATIONS WITH AN NGS OPUS SOLUTION ON THE ALUMINUM CAP AND STATIC BASE LINE OBSERVATIONS ON THE BRASS CAPS. COORDINATES PROVIDED ARE IN INTERNATIONAL FEET, A FOOT EQUALING 0.328083999 METERS. THE OPUS REFERENCE FRAME IS NAD 83 (CORS 96) (EPOCH 2002.0000). THE FOLLOWING BASE STATIONS WERE UTILIZED IN THE SOLUTIONS:

P.I.D.	DESIGNATION
DM4096	P451 - WSU_OTHELO_WA2004
DM7408	P020 - DRYLANDSH_WA2004
DL7743	P372 - ENTERPRISEOR 2007

REGISTERED PROFESSIONAL LAND SURVEYOR
 JULY 26, 1988
 PAUL W. TOMKINS
 2360
 RENEWS 6/30/2012

Date Stamped: 11/3/10

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 Walla Walla, WA 99362
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PROJECT
 A BOUNDARY SURVEY OF LANDS WITHIN GOVERNMENT LOTS 2 AND 3, THE SW 1/4 OF THE NE 1/4, THE SE 1/4 OF THE NE 1/4, AND THE NE 1/4 OF THE SE 1/4 OF SEC. 5, TWP. 5 NORTH, RGE. 37 EAST, W.M., UMATILLA COUNTY, OREGON

CLIENT
 CONFEDERATED TRIBES OF THE UMATILLA INDIAN RESERVATION
 46411 TIMINE WAY
 PENDELTON, OR. 97801

SECTION INDEX

	X	X	
		X	X
			X

SEC. 5, T4N, R37E

Project Mgr.	PWPT
Drawn	PWPT
Drawn	
Checked	GEF

CAD File
 1282600-CTUIR.DWG

Sheet Contents:
 BOUNDARY SURVEY

Sheet No.: 1 OF 1

W.O. NO. 1282600

10-118-C