



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO PROVIDE AERIAL PHOTO CONTROL FOR A MAPPING PROJECT FOR THE COUNTY OF UMATILLA. FIELD EQUIPMENT INCLUDED TWO 4000SSI TRIMBLE RECEIVERS. THE FIELD CREW CONSISTED OF WALTER L. CASWELL AND DON CONWELL.

I HELD THE FOLLOWING NATIONAL GEODETIC SURVEY STATIONS FOR HORIZONTAL AND VERTICAL CONTROL:

- B 340
- FORE
- LA GRANDE
- PENDELTON

THE CONTROL NETWORK MEETS A SECOND ORDER CLASS "1" SURVEY.

LEGEND

- △ — PHOTO CONTROL STATION SET — SEE SHEET 2-3 FOR DETAILS FOR EACH STATION
- ▲ — NATIONAL GEODETIC SURVEY HIGH PRECISION NETWORK CONTROL STATION — SEE SHEET 2-3 FOR DETAILS FOR EACH STATION
- HWY — HIGHWAY
- FSR — FOREST SERVICE ROAD

SURVEYOR: W.L.C.
 DRAWN BY: B.S.S
 DATE: 11/13/98
 SCALE: 1"=30,000'
 JDB NO. 98-004
 SHEET 1 OF 3

PHOTO CONTROL SURVEY
 FOR THE COUNTY OF UMATILLA
 LOCATED IN T.1S, R.27E; T.1S, R.28E; T.1S, R.32E; T.1S, R.35E;
 T.2S, R.35E; T.2N, R.32E; T.2N, R.38E; T.2N, R.39E; T.3S, R.38E;
 T.5S, R.31E; T.5N, R.27E; T.5N, R.28E; T.6N, R.31E; T.6N, R.36E;
 T.6N, R.39E; T.7S, R.29E; T.7S, R.32E; T.7S, R.35E
 IN GRANT, MORROW, UNION, UMATILLA AND WALLOWA COUNTY, OREGON;
 WALLA WALLA AND BENTON COUNTY, WASHINGTON

EAGLE
 GPS SURVEY CORPORATION
 6110 S.W. LOMBARD AVE
 BEAVERTON, OREGON 97008
 (503) 643-1073

REGISTERED PROFESSIONAL LAND SURVEYOR
Walter L. Caswell
OREGON
JULY 8, 1968
 WALTER L. CASWELL
737
 EXPIRES 12/31/99

NO.	REVISION	DATE	BY

2-99
 RK
 97-23-B

UMATILLA COUNTY GROUND CONTROL
 DATUM: NAD83(91) NGVD29
 ZONE : 3601 OREGON NORTH
 STATE PLANE IN: INTERNATIONAL FEET

LATITUDE (N)	LONGITUDE (W)	NGVD 29(47) HEIGHT (M)	NAD 83(91) (INTL FEET)		NGVD 29 HEIGHT (USF)	CONVERGENCE	SCALE FACTOR	NAME	7 1/2 MIN. QUAD	1/4	SEC	TWN	RGE	STATION DESCRIPTION--TO REACH STATEMENT
			NORTHING	EASTING										
45°30'20.571"	119°22'54.482"	514.688	672454.198	8488769.549	1688.606	0°47'34.840"	0.999911854	201	BUTTER CREEK JUNCTION-DR	NW	7	1S	28E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM PINE CITY GO SOUTHERLY ON LITTLE BUTTER CREEK ROAD 7.8 MILES TO HOUSE NUMBER 65184 TO WEST. TURN EAST INTO DRIVEWAY AND PROCEED TO BARN, STATION IS LOCATED ACROSS ROAD SOUTHWESTERLY OF BARN.
45°30'11.561"	119°09'10.388"	564.568	672437.204	8547466.107	1852.254	0°57'19.276"	0.999911598	202	ECHO SW-DR	SW	1	1S	27E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM PINE CITY GO SOUTHEASTERLY ON BIG BUTTER CREEK ROAD TO MILE POST 18. CONTINUE ON ROAD FOR 0.7 MILES TO STATION TO THE SOUTH. STATION IS 25.0' NW OF FENCE CORNER.
44°58'55.276"	119°11'05.830"	736.421	482309.240	8542338.433	2416.075	0°55'57.406"	0.999899868	203	RITTER-DR	SE	2	7S	29E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM THE INTERSECTION OF HWY'S 395 & 244, GO SOUTH ON HWY 395 11.5 MILES TO ROAD TO THE WEST AT THE NORTH EDGE OF THE CAMAS CREEK BRIDGE. GO WEST 10.9 MILES TO STATION TO THE SOUTH. STATION IS LOCATED 20 FEET SOUTH OF THE ROAD BETWEEN THE STONY CREEK BRIDGE AND A CATTLE GUARD.
44°59'06.070"	118°30'11.004"	1621.766	487018.060	8718706.849	5320.744	1°24'58.335"	0.999899699	204	SILVER BLTTE-DR	SE	4	7S	35E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM HWY 244, NEAR STARKEY, TAKE PRIMARY FOREST ROAD 51 SOUTH FOR 25.45 MILES TO THE INTERSECTION WITH PRIMARY FOREST ROAD 52. GO WEST ON FOREST ROAD 52 FOR 8.25 MILES TO THE STATION TO THE SOUTH OF A GRAVELED PARKING AREA, 0.1 MILES EAST OF A TRAILHEAD.
45°20'41.770"	118°25'58.456"	1339.346	618649.445	8733494.333	4394.171	1°27'57.438"	0.999899300	205	McINTYER CREEK-DR	SE	33	2S	35E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM 184 AND HWY 244, GO SOUTH ON HWY 244 13.5 MILES TO McINTYER CREEK ROAD. GO NORTHERLY ON McINTYER CREEK ROAD, TO FSR 21. TURN EAST AND GO 1.5 MILES± TO A SHARP TURN TO THE LEFT (NORTH) AND THE STATION TO THE SOUTH.
45°40'46.015"	117°57'57.473"	1136.142	743973.049	8849671.312	3727.493	1°47'49.568"	0.999934296	206	PARTRIDGE CREEK-DR	SW	5	2N	39E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM ELGIN HEAD WEST ON HWY 204 FOR 0.2 MILES TO 10TH ST., TURN NORTH AND GO 0.5 MILES TO HARTFORD LANE, TURN WEST AND GO 0.6 MILES TO MIDDLE ROAD, TURN NORTH AND GO 1.9 MILES TO GORDON CREEK ROAD, TURN WEST AND GO 0.6 MILES TO FORK, STAY RIGHT, AND GO NORTH FOR 2.7 MILES TO FORK IN ROAD, STAY TO LEFT, GO 1.25 MILES TO FORK, STAY RIGHT, GO 0.35 MILES TO FORK, STAY LEFT, GO 0.3 MILES TO FORK, STAY RIGHT, GO 0.2 MILES TO FORK, STAY RIGHT, GO 0.4 MILES TO FORK, STAY RIGHT, GO 0.15 MILES TO FORK, STAY TO LEFT, GO 0.45 MILES TO STATION ON LEFT. 30± FEET SOUTH OF ROAD.
45°58'10.226"	117°57'56.815"	1649.720	849690.718	8846400.870	5412.456	1°47'50.034"	0.999992389	207	BONE SPRING-DR	SW	29	6N	39E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM WALLA WALLA, WA GO EAST ON ROSE (ISAACS) AVE 3.8± MILES TO MILL CREEK ROAD TO RIGHT, TURN RIGHT (CROSSING RAILROAD TRACKS) AND GO 26 MILES ALONG MILL CREEK ROAD AND FSR 65, TO A SMALL CUT BANK TO THE WEST, NEAR THE CENTER OF SECTION 29 AND THE STATION.
46°01'32.724"	118°20'46.204"	266.226	867389.985	8749169.517	873.443	1°31'38.883"	1.000006652	208	WALLA WALLA-WA	SE	6	6N	36E	ROAD CENTERLINE STRIP AT SOUTH END OF BRIDGE (NO ADDITIONAL MONUMENT SET)-- FROM NEAR WALLA WALLA, WA AT THE INTERSECTION OF HWY 125 AND THE OLD MILTON HWY, PROCEED EAST ON OLD MILTON HWY 2± MILES TO THE INTERSECTION WITH BRANDEN ROAD, TURN NORTH ON BRANDEN ROAD AND GO 1000± FT TO A CONCRETE BRIDGE OVER COTTONWOOD CREEK.
46°01'21.222"	118°52'55.513"	463.279	863047.531	8613091.480	1519.941	1°08'50.644"	1.000005816	209	WALLULA WA-DR	NW	12	6N	31E	5/8" IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA"-- FROM THE INTERSECTION OF HWY 730 AND HWY 12, LOCATED IN WALLA WALLA COUNTY, WA, GO SOUTH ON HATCH GRADE ROAD 2.5 MILES TO BRADEN RANCH ROAD TO THE RIGHT, TURN ON BRADEN RANCH ROAD AND PROCEED 1.0 MILES TO THE STATION ON LEFT, 4 FEET OFF OF EDGE OF ROAD.
45°55'08.184"	119°27'36.273"	85.742	822848.239	8466764.043	281.305	0°44'14.998"	0.999980400	210	IRRIGON WA-DR	NW	17	5N	27E	2" ALUMINUM CAP INSCRIBED "USCEC 92H-04-11 1992"-- FROM THE INTERSECTION OF I-82 AND SR-14 IN WASHINGTON, GO WESTERLY ON SR-14 TO MILE POST 174, CONTINUE WESTERLY 0.15 MILES TO CHRISTY ROAD, TURN AND GO SOUTH AND EAST, ON CHRISTY ROAD, TO A RAILROAD CROSSING. TURN RIGHT, JUST AFTER TRACKS, AND FOLLOW GRAVEL ROAD, WHICH PARALLELS THE TRACKS, WEST 1.7 MILES TO STATION TO THE SOUTH. STATION IS 3' SOUTH OF ROAD, 3' EAST OF WITNESS POST AND 400' WEST OF NAVIGATION LIGHT.

SURVEYOR: W.L.C.

DRAWN BY: B.S.S

DATE: 11/13/98

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SHEET 2 OF 3

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