

UMATILLA COUNTY GROUND CONTROL DATUM: NADB3(91) NGVD29 ZONE: 3601 OREGON NORTH STATE PLANE IN: INTERNATIONAL FEET

	1	NGVD 29(47)	NAD 83/01) (INTL FEET)	NGVD 29			1	7 1/2 MIN.					
LATITUDE (N)	LONGITUDE (W)	HEIGHT (M)	NORTHING	EASTING	HEIGHT (USft)	CONVERGENCE	SCALE FACTOR	NAME	QUAD	1/4	SEC	TWN	RGE	STATION DESCRIPTION—TO REACH STATEMENT
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-OR	N₩	7	15	28E	5/8'IRDN 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 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-OR	SW	1	15	27E	5/8:IRDN 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 ROAL 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-OR	SE	5	7\$	29E	5/8'IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA" - FROM THE INTERSECTION OF HWY'S 95 244, GO SOUTH ON HWY 995 11.5 MILES TO ADAD 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	7\$	35E	5/8'IRDN ROD WITH YELLOW PLASTIC CAP INSCRIBED 'EAGLE GPS CONTROL STA'- FROM HWY 244, NEAR STARKEY, TAKE PRIMARY FOREST RIDAD 51 SOUTH FOR 25.45 MILES TO THE INTERSECTION WITH PRIMARY FOREST RODA 52. GO WEST ON FOREST RODA 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	22	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-OR	SM	5	SN	39E	5/8'IRDN RDD WITH YELLDW 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 RDAD, TURN NORTH AND GO 1.9 MILES TO GORDON CREEK ROAD, TURN WEST AND GO 0.6 MILES TO DARR ROAD, TURN AND GO NORTH FOR 2.7 MILES TO FORK NORDON, TO THE TOTAL THE TOT
45°58′10.226 °	117*57′56.815″	1649.720	849690.718	8846400.870	5412.456	1°47′50.034″	0.999992389	207	BONE SFRING-OR	SW	29	6N	39E	5/9'IRDN ROD WITH YELLDW PLASTIC CAP INSCRIBED 'EAGLE GPS CONTROL STA' FROM WALLA WALLA, WA GO EAST ON ROSE (ISAACS) AVE 3.8 ± MILES TO MILL CREEK RODA) TO RIGHT, TURN RIGHT (CROSSING RAILROAD TRACKS) AND GO 26 MILES ALDNG 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 DLD 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-OR	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-OR	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 WESTERL' O.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 I						· —								DEGISTERED

SURVEYOR: W.L.C. DRAWN BY: B.S.S DATE: 11/13/98

J□B N□. 98-004 SHEET 2 OF 3

PHOTO CONTROL SURVEY

FOR THE COUNTY OF UMATILLA
LOCATED IN T.IS, R.27E: T.IS, R.28E: T.IS, R.35E:
T.2S,R.35E: T.2N,R.23E: T.2N,R.38E: T.2N,R.39E: T.SS, 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





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

LONGITUDE (W)	NGVD 29(47) HEIGHT (M)	NAD 83(91 NORTHING) (INTL FEET) EASTING	NGVD 29 HEIGHT (USft)	CONVERGENCE	SCALE FACTOR	NAME	7 1/2 MIN. QUAD	1/4	SEC	TWN	RGE	STATION DESCRIPTION-TO REACH STATEMENT
119*27'33.086*	790.892	668792.717	8468974.158	2594.785	0°44′17.258°	0.999910912	211	GLEASON BUTTE-OR	NE	9	15	27E	12'STEEL SPIKE WITH WASHER INSCRIBED 'EAGLE GPS SURVEY'-FROM PINE CITY, GO SOUTHWESTERLY ON LITTLE BUTTER CR. RD, 2.3 MILES, TO FORK. TAKE RIGHT FORK AND GO 2.25 MILES TO ROCK ROAD ON LEFT. GO SOUTHEASTERLY ON ROCK ROAD, 3.6 MILES, TO THE STATION ON SW EDGE OF ROAD.
118*49′57.696*	518.754	673123.966	8629562.312	1701.945	1*10′56.749*	0.999911363	212	MAKAY RESERVOIR OR	SE	5	15	32E	5/8'/RDN ROD WITH YELLDW PLASTIC CAP INSCRIBED 'EAGLE GPS CONTROL STA'- FROM PILDT ROCK, GD NORTH ON MILL ROAD TO MILE POST 1. PROCEED 0.20 MILES TO STATION TO THE NORTH. STATION IS 35' WEST AND 18' SOUTH OF GATE TO PILOT ROCK GUN CLUB
118°24′52.034*	1156.383	672742.337	8736842.871	3793.900	1*28/44.544*	0.999910576	213	MEACHAM LAKE-DR	SW	11	18	35E	5/8'IRON ROD WITH YELLOW PLASTIC CAP INSCRIBED "EAGLE GPS CONTROL STA" - TAKE EXIT #238 OFF DI 1-98 SOUTHBOUND. AT THE STOP SIGN THE STATION IS LOCATED 100' EAST OF DFF-RAMP AND 100' NORTHERLY OF ROAD UNDER 1-98 IN THE NW QUADRANT OF THE INTERCHANGE.
118*06'26.289*	1406.665	737723.670	8813715.913	4615.033	1°41′48.723*	0.999932126	214	ANDIES PRAIRIE-OR	SW	7	2N	38E	5/8'IRDN ROD WITH YELLDW PLASTIC CAP INSCRIBED "EAGLE OPS CONTROL STA"- FROM ELGIN AT THE INTERSECTION OF HWY'S BE AND 204, GO WESTERLY ON HWY 64 FGR 12 MILES TO FSR 31. TAKE FSR 31 WESTERLY 5.3 MILES TO A FOUR WAY INTERSECTION OF FSR 31, 3155 AND 3728. CONTINUE WESTERLY OF FSR 31 FOR 0.35 MILES TO ROAD ON LEFT TURN LEFT AND PROCED 0.05 MILES TO STATION ON RIGHT.
118*48′58.328*	1204.361	486738.107	8637676.611	3951.308	1*11'38.852*	0.999899463	216	CDCKSCDMB DR	SW	1	7\$	32E	5/8'IRDN ROD WITH YELLOW PLASTIC CAP INSCRIBED 'EAGLE GPS CONTROL STA'- NEAR DALE, DR, FROM THE INTERSECTION OF HWY 395 AND QUIMBY ROAD, GO EAST ON QUIMBY (FSR 55) ROAD 4± MILES TO FSR 5505 AND BRIDGE OVER THE NORTH FORK OF THE JOHN DAY RIVER. TURN RIGHT ON FR 5505 AND GO 3.6± MILES TO QUARRY ACCESS ROAD. PARK AT GATE AND WALK 100 YARDS TO CENTER OF QUARRY AND STATION.
118*03′52.259*	835.460	608902.454	8828543.953	2741.005	1°43′37.959*	0.999897655	LA GRANDE CBL 0 PT	LA GRANDE, SE-OR	NE	16	38	38E	2-BRASS PLSD DISK-FROM EXIT #265 DFF DF 1-84 GD WESTERLY DN HMY 30 1.65 MILES TO A FARM LANE NEAR GEELER LANE. TURN LEFT DNTD FARM LANE AND STATION. SEE TH THE NATIONAL GEODETIC SURVEY DESCRIPTION FOR PRECISE LOCATION.
119*18′01.317*	110.046	832734.764	8507269.580	361.043	0*51'02.749*	0.999986364	B 340	UMATILLA DR	SW	3	5N	28E	3 1/2°BRASS DISC STAMPED 'B 340 1951'- FROM PLYMOUTH, WA, GO EASTERLY ON SR-1-0.8 MILE TO OVERPASS OF I-82. CONTINUE EASTERLY 1.4 MILES TO RAILROAD OVERPASS CONTINUE EASTERLY 0.4 MILES TO BOAT LAUNCH PARKING AREA. TURN LEFT AND GO NOR'DN TRACK ROAD 0.1 MILES TO RAILROAD TRACK AND STATION. SEE THE NATIONAL GEODETIC SURVEY DESCRIPTION FOR PRECISE LOCATION.
118°57′27.865″	1010.000	540108.994	8600034.257	3313.642	1*05′37.496*	0.999894728	FORE	UKIAH DR	NW	15	58	31E	3 1/2°BRASS DISC STAMPED 'FDRE 1989'- STATION IS LOCATED IN THE SW QUADRANT DI THE INTERSECTION OF HWY 395 AND HWY 244, 1.3 MILES EAST OF UKIAH. SEE THE NATIONAL GEODETIC SURVEY DESCRIPTION FOR PRECISE LOCATION.
118*46'38.960"	402.900	733999.514	8642421.693	1321.848	1*13'17.690*	0.999932392	PENDLETON	PENDLETON OR	NE	9	SN	32E	3 1/2'BRASS DISC STAMPED 'PENDLETON 1963'- AT EXIT #210 DFF DF 1-84, GO NORTH DN THIRD STREET FOR 0.3 MILES TO CROSS ROAD. TURN EAST DN GOODWIN STREET FOR 0.1 MILES TO INTERSECTION. TURN RIGHT DN SE 8TH STREET GD 0.4 MILES TO THE INTERSECTION DF SE 6TH STREET AND E. ISAAC STREET. CONTINUE ON 6TH STREET 0.2 MILE TO END OF ROAD AND THE STATION. SEE THE NATIONAL GEODETIC SURVEY DESCRIPTION FOR PRECISE LOCATION.
	119*27'33.086' 118*49'57.696' 118*24'52.034' 118*06'26.289' 118*48'58.328' 118*03'52.259' 119*18'01.317'	TONGHUDE (W) HEIGHT (M) 119*27'33.086' 790.892 118*49'57.696' 518.754 118*24'52.034' 1156.383 118*06'26.289' 1406.665 118*48'58.328' 1204.361 118*03'52.259' 835.460 119*18'01.317' 110.046	HEIGHT (M) NORTHING 119*27'33.086' 790.892 668792.717 118*49'57.696' 518.754 673123.966 118*24'52.034' 1156.383 672742.337 118*06'26.289' 1406.665 737723.670 118*48'58.328' 1204.361 486738.107 118*03'52.259' 835.460 608902.454 119*18'01.317' 110.046 832734.764 118*57'27.865' 1010.000 540108.994	LONGITUDE (W) HEIGHT (M) NORTHING EASTING 119*27'33.086' 790.892 668792.717 8468974.158 118*49'57.696' 518.754 673123.966 8629562.312 118*24'52.034' 1156.383 672742.337 8736842.871 118*06'26.289' 1406.665 737723.670 8813715.913 118*48'58.328' 1204.361 486738.107 8637676.611 118*03'52.259' 835.460 608902.454 8828543.953 119*18'01.317' 110.046 832734.764 8507269.580 118*57'27.865' 1010.000 540108.994 8600034.257	HEIGHT (M) NORTHING EASTING HEIGHT (USIT) 119*27'33.086' 790.892 668792.717 8468974.158 2594.785 118*49'57.696' 518.754 673123.966 8629562.312 1701.945 118*24'52.034' 1156.383 672742.337 8736842.871 3793.900 118*06'26.289' 1406.665 737723.670 8813715.913 4615.033 118*48'58.328' 1204.361 486738.107 8637676.611 3951.308 118*03'52.259' 835.460 608902.454 8828543.953 2741.005 119*18'01.317' 110.046 832734.764 8507269.580 361.043 118*57'27.865' 1010.000 540108.994 8600034.257 3313.642	LONGITUDE (W) HEIGHT (M) NORTHING EASTING HEIGHT (USH) CONVERGENCE 119*27'33.086* 790.892 668792.717 8468974.158 2594.785 0*44'17.258* 118*49'57.696* 518.754 673123.966 8629562.312 1701.945 1*10'56.749* 118*24'52.034* 1156.383 672742.337 8736842.871 3793.900 1*28'44.544* 118*06'26.289* 1406.665 737723.670 8813715.913 4615.033 1*41'48.723* 118*48'58.328* 1204.361 486738.107 8637676.611 3951.308 1*11'38.852* 118*03'52.259* 835.460 608902.454 8828543.953 2741.005 1*43'37.959* 119*18'01.317* 110.046 832734.764 8507269.580 361.043 0*51'02.749* 118*57'27.865* 1010.000 540108.994 8600034.257 3313.642 1*05'37.496*	LONGITUDE (W) HEIGHT (M) NORTHING EASTING HEIGHT (USH) CONVERGENCE SCALE FACTOR 119*27'33.086* 790.892 668792.717 8468974.158 2594.785 0*44'17.258* 0.999910912 118*49'57.696* 518.754 673123.966 8629562.312 1701.945 1*10'56.749* 0.999991363 118*24'52.034* 1156.383 672742.337 8736842.871 3793.900 1*28'44.544* 0.9999910576 118*06'26.289* 1406.665 737723.670 8813715.913 4615.033 1*41'48.723* 0.9999932126 118*48'58.328* 1204.361 486738.107 8637676.611 3951.308 1*11'38.852* 0.999899463 119*18'01.317* 110.046 832734.764 8828543.953 2741.005 1*43'37.959* 0.999897655 119*18'01.317* 110.046 832734.764 8507269.580 361.043 0*51'02.749* 0.999894728 118*57'27.865* 1010.000 540108.994 8600034.257 3313.642 1*05'37.496* 0.999894728	HEIGHT (M) HEIGHT (M) NORTHING EASTING HEIGHT (USR) CONVERGENCE SCALE FACTOR NAME	HEIGHT (M) NORTHING EASTING HEIGHT (USH) CONVERGENCE SCALE FACTOR NAME GUAD		Name Color Name	LONGTUDE (W) HEIGHT (M) NORTHING EASTING HEIGHT (USH) CONVERGENCE SCALE FACTOR NAME GUAD 1/4 SEC TWN 119*27'33.086* 790.892 668792.717 8468974.158 2594.785 0*44'17.258* 0.999910912 211 GLEASIN NE 9 1S 118*49'57.696* 518.754 673123.966 8629562.312 1701.945 1*10'56.749* 0.999911363 212 McAPY RESERVUIR SE 5 1S 118*24'52.034* 1156.383 672742.337 8736842.871 3793.900 1*28'44.544* 0.999910576 213 McACHAM CAKE-OR SV 11 1S 118*06'26.289* 1406.665 737723.670 8813715.913 4615.033 1*41'48.723* 0.999932126 214 ANDIES AND	HEIGHT (M) NORTHING EASTING HEIGHT (USH) CONVERGENCE SCALE FACTOR NAME QUAD 1/4 SEC TWN RGE 119*27*33.086* 790.892 668792.717 8468974.158 2594.785 0*44*17.258* 0.999910912 211 GLEASDIN NE 9 15 27E

SURVEYOR: W.L.C. DRAWN BY: B.S.S DATE: 11/13/98

J□B N□. 98-004

SHEET 3 OF 3

PHOTO CONTROL SURVEY

FOR THE COUNTY OF UMATILLA

LOCATED IN T.1S, R.27E; T.1S, R.28E; T.1S, R.35E;
T.2S,R.35E; 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





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