

RECORD OF SURVEY, NORTH 1/2 TWP. 4 N., RNG. 29 E.W.M., UMATILLA, COUNTY, OREGON

CORNER	NORTHING	EASTING	DESCRIPTION
A1	803754.51	8520950.48	FOUND 2 3/8" BRASS CAP, LS 933 SET IN PLACE OF 1/2" IRON PIPE, SEE SURVEY NO. S-156-C
A3	803789.34	8524085.26	FOUND 2" ALUMINUM CAP, LS 951, DEFACED
A5	803818.13	8526747.00	FOUND 5/8" IRON ROD, NO CAP, LS 1423 SET OVER 1/2" I.P., SEE SUR. NO'S 84-003-AX, 95-059-B
A7	803853.12	8529388.18	FOUND 2" ALUMINUM CAP, LS 951, DEFACED
A9	803887.85	8532029.16	FOUND 2 3/8" BRASS CAP, LS 951, DEFACED
A11	803921.72	8534657.04	FOUND 2 3/8" BRASS CAP, LS 951, 0.2" B.G.
A13	803955.66	8537284.83	FOUND 2 3/8" BRASS CAP, LS 951, 1.4" B.G.
A15	803991.70	8539903.67	FOUND 2 3/8" BRASS CAP, LS 951, DEFACED
A17			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
A19			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
A21			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
A23			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
A25	804176.23	8553135.80	FOUND 2 3/8" BRASS CAP IN CONC, 1953, U.S. FISH AND WILDLIFE
C1	800865.27	8520971.29	FOUND 2 3/8" BRASS CAP, LS 933 SET IN PLACE OF BENT 3/4" IRON PIPE, SEE SURVEY NO. S-156-C
C5	800999.70	8526774.71	FOUND 2 3/8" BRASS CAP, LS 951, SET IN PLACE OF RAIL ROAD SPIKE, SEE SURVEY NO. 95-059-B
C9 WC	801069.32	8532079.42	FOUND 2 3/8" BRASS CAP WC, LS 951, DEFACED
C13	801287.20	8537313.26	SET 5/8" X 30" IRON ROD WITH 2" ALUMINUM CAP STMPD. "1/4 9 10 PLS LS 48490" FROM ACC'S
C17			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
C21			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
C25	801551.70	8553174.58	FOUND 2 3/8" BRASS CAP, LS 951, 06" B.G. SEE SURVEY NO. 13-532-C
E1	798209.41	8520990.67	FOUND 2" ALUMINUM CAP, LS 2627, SEE OREGON CORNER RESTORATION FORM 05-177-R
E3	798286.65	8524164.56	FOUND 2 3/8" BRASS CAP, LS 951, SET IN PLACE OF 1/2" IRON PIPE, SEE SURVEY NO. 95-059-B
E5	798351.20	8526804.82	FOUND 5/8" IR, LS 951 SEE SURVEY NO. 95-059-B
E7	798418.64	8529461.84	FOUND 2 3/8" BRASS CAP STMPD. "1/4 9 10 PLS LS 48490" FROM ACC'S
E9	798486.26	8532125.62	FOUND 7/8" IRON ROD, LS 1423, SEE SURVEY NO. 86-105-A
E11	798554.38	8534725.46	FOUND 2 3/8" BRASS CAP, LS 951 SET IN PLACE OF 1 1/2" IRON PIPE, SEE SURVEY NO. 95-059-B
E13	798618.99	8537342.19	FOUND 3" BRASS CAP, LS 951, IN B" CONC. CYL. SEE SURVEY NO. 90-077-B
E15	798683.04	8539990.91	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
E17	798747.17	8542639.62	FOUND 2 3/8" BRASS CAP, LS 951, 2.0" B.G. SEE SURVEY NO. 13-532-C
E19	798797.30	8545273.87	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
E21	798847.51	8547908.21	FOUND 2 3/8" BRASS CAP, LS 951, 1.9" B.G. SEE SURVEY NO. 13-532-C
E23			NOT SET, CORNER FALLS IN COLD SPRINGS RESERVOIR
E25	798920.57	8553213.38	FOUND 2" IRON PIPE, ORIGIN UNKNOWN, SEE SURVEY NO. 13-532-C
G1	795563.72	8521027.62	FOUND 2 3/8" BRASS CAP, LS 933, SEE SURVEY NO. S-156-C
G5	795701.89	8526836.46	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
G9	795824.95	8532149.13	FOUND 2 3/8" BRASS CAP, LS 951, SET 5/8" X 30" IRON ROD WITH 2" ALUMINUM CAP STMPD. "1/4 9 10 PLS LS 48490" FROM ACC'S
G13	795974.34	8537370.95	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
G17	796106.76	8542666.84	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
G21	796203.20	8547955.27	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
G25	796281.17	8553256.80	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
J1	792916.89	8521063.91	FOUND 2 3/8" BRASS CAP, LS 933, SEE SURVEY NO. S-156-C
J3	792990.60	8524222.72	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
J5	793052.49	8526688.25	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
J7	793107.96	8529520.50	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
J9	793163.41	8532172.69	FOUND 2" ALUMINUM CAP, LS 951, DEFACED
J11	793246.50	8534785.76	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
J13	793329.63	8537398.76	FOUND 2 3/8" BRASS CAP, LS 951, 0.3" B.G. SEE SURVEY NO. 95-059-B
J15	793397.80	8540046.35	FOUND 2 3/8" BRASS CAP, LS 951, 0.3" B.G. SEE SURVEY NO. 11-095-B
J17	793466.02	8542693.93	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 11-028-C
J19	793512.62	8545349.58	FOUND 2" ALUMINUM CAP, LS 2627, SEE SURVEY NO. 11-121-C
J21	793559.18	8548002.27	SET 5/8" X 30" IRON ROD WITH 2" ALUMINUM CAP STMPD. "1/4 9 10 PLS LS 48490" FROM ACC'S
J23	793600.46	8550651.22	FOUND 2 3/8" BRASS CAP, LS 951, 0.8" B.G. SEE SURVEY NO. 13-532-C
J25	793641.81	8553300.07	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
L1	790269.63	8521099.76	FOUND 2 3/8" BRASS CAP, LS 933, SEE SURVEY NO. S-156-C
L5	790403.33	8526921.70	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
L9	790514.98	8532214.15	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
L13	790685.23	8537452.54	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
L17	790826.34	8542757.86	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
L21	790915.21	8548055.45	FOUND 2" ALUMINUM CAP, LS 951, SEE SURVEY NO. 98-213-C
L25	791002.33	8553343.45	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 13-532-C
N1	787622.19	8521135.15	FOUND 5/8" IR, 2 3/8" BRASS CAP MISSING, LS 933, SEE SURVEY NO. S-156-C
N3	787694.30	8524323.50	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 89-137-B
N5	787754.55	8526975.15	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 89-137-B
N7	787810.20	8529615.27	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
N9	787866.50	8532255.40	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
N11	787953.63	8534880.75	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
N13	788040.80	8537506.22	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 95-059-B
N15	788113.65	8540163.69	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 98-213-C
N17	788186.70	8542821.81	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 98-213-C
N19	788228.95	8545460.62	FOUND 2 3/8" BRASS CAP, LS 951, SEE SURVEY NO. 04-106-C
N21	788271.40	8548108.83	FOUND 2 3/8" BRASS CAP, LS 951, 2.0" B.G. SEE SURVEY NO. 98-213-C
N23	788317.13	8550747.88	FOUND 2 3/8" BRASS CAP, LS 951, 2.0" B.G. SEE SURVEY NO. 98-213-C
N25	788362.83	8553386.78	FOUND 2 3/8" BRASS CAP, LS 951, IN CONC. SEE SURVEY NO. 98-213-C

SURVEYOR'S NARRATIVE

THIS SURVEY WAS UNDERTAKEN AT THE REQUEST OF THE UMATILLA COUNTY SURVEYOR BETWEEN OCTOBER 2019 AND JUNE 2020, UNDER CONTRACT BY THE UMATILLA COUNTY BOARD OF COMMISSIONERS DATED 18 JULY 2019.

THE PURPOSE OF THE SURVEY IS TO PROVIDE PROFESSIONAL CONSULTING AND SURVEYING ASSISTANCE TO LOCATE AND/OR REESTABLISH, MONUMENT, TRAVERSE AND TO PROVIDE AN OREGON CORNER FORM WITH SECOND ORDER 83/91 STATE PLANE COORDINATES AT ONE-HALF MILE INTERVALS IN THE NORTH ONE-HALF OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON.

THE CONTROL FOR THIS SURVEY WAS ESTABLISHED BY ONE SIX HOUR STATIC OBSERVATION ON EACH OF THE CONTROL BASE STATIONS 1, 2, 3, 4 AND 6 AS SHOWN ON THIS PLAN. THIS STATIC DATA WAS THEN SUBMITTED TO NGS ONLINE POSITIONING USER SERVICE (OPUS) FOR PROCESSING AND SOLUTIONS. THE SOLUTIONS WERE RETURNED FROM OPUS UTILIZING REFERENCE FRAME NAD_83(2011). THE SOLUTIONS WERE THEN CONVERTED TO REFERENCE FRAME NAD_83(1991) UTILIZING NGS COORDINATE CONVERSION AND TRANSFORMATION TOOL (NCAT). THE MEAN DELTAS FOR THE CONVERSION FROM REFERENCE FRAME NAD_83(2011) TO REFERENCE FRAME NAD_83(1991) FOR THE 5 CONTROL POINTS ARE NORTHING 0.281' AND EASTING 0.124'.

THE SOUTH BOUNDARY OF TOWNSHIP 5 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN WAS ORIGINALLY SURVEYED BY GLO SURVEYORS MAXON/HURD UNDER CONTRACT NO. 50, DATED FEBRUARY 2, 1860. THEY SET POSTS IN MOUNDS OF EARTH WITH TRENCH AND PITS.

THE WEST AND EAST BOUNDARIES OF TOWNSHIP 4 NORTH, RANGE 28 EAST OF THE WILLAMETTE MERIDIAN WAS ORIGINALLY SURVEYED BY GLO SURVEYOR CAMPBELL UNDER CONTRACT NO. 95, DATED SEPTEMBER 19, 1860. HE SET CHARRED STAKES IN MOUNDS OF EARTH WITH TRENCH AND PITS.

THE SUBDIVISION OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN WAS ORIGINALLY SURVEYED BY GLO SURVEYOR DAVENPORT UNDER CONTRACT NO. 101, DATED AUGUST 5, 1861. HE SET POSTS IN MOUNDS WITH CHARRED STAKES.

IN 1980 LS 933 MONUMENTED THE WEST BOUNDARY OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN. SEE SURVEY NO. S-156-C.

IN 1995 LS 951 HAD A CONTRACT WITH UMATILLA COUNTY TO MONUMENT THE GLO CORNERS OF THE NORTHWEST ONE-QUARTER OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN. SEE SURVEY NO. 95-059-B.

IN 1998 LS 951 HAD A CONTRACT WITH UMATILLA COUNTY TO MONUMENT THE GLO CORNERS OF THE SOUTHEAST ONE-QUARTER OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN. SEE SURVEY NO. 98-213-C.

IN 2013 LS 951 HAD A CONTRACT WITH UMATILLA COUNTY TO MONUMENT THE GLO CORNERS OF THE NORTHEAST ONE-QUARTER OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN. SEE SURVEY NO. 13-532-C.

NOTE

OREGON CORNER RESTORATION FORMS FOR EACH SECTION AND ONE-QUARTER CORNER, WHETHER RECOVERED OR REESTABLISHED AND MONUMENTED, ARE RECORDED CONCURRENTLY WITH THIS RECORD OF SURVEY. THESE CORNER RESTORATION FORMS CONTAIN INFORMATION ON EACH SECTION AND ONE-QUARTER CORNER AS WELL AS ACCESSORIES.

- (R1) GLO DAVENPORT, CONTRACT NO. 101, DATED AUGUST 5, 1861
 (R2) GLO CAMPBELL, CONTRACT NO. 95, DATED SEPTEMBER 19, 1860
 (R3) GLO MAXON/HURD, CONTRACT NO. 50, DATED FEBRUARY 2, 1860
 (R4) LS 933 SURVEY NO. S-156-C
 (R5) LS 951 SURVEY NO. 95-059-B
 (R6) LS 1423 SURVEY NO. 84-003-AX
 (R7) LS 951 SURVEY NO. 90-077-B
 (R8) LS 951 SURVEY NO. 13-532-C
 (R9) LS 1423 SURVEY NO. 86-105-A
 (R10) LS 951 SURVEY NO. 11-095-B
 (R11) LS 951 SURVEY NO. 11-028-C
 (R12) LS 2627 SURVEY NO. 11-121-C
 (R13) LS 951 SURVEY NO. 04-106-C
 (R14) LS 951 SURVEY NO. 89-137-B
 (R15) LS 951 SURVEY NO. 98-213-C

LEGEND

- FOUND MONUMENT AS NOTED
- × COMPUTED POINT (NOT SET)
- SET 5/8" X 30" IRON ROD WITH 2" ALUMINUM CAP STAMPED "PLS LS 48490"

HORIZONTAL DATUM

THE HORIZONTAL DATUM IS NAD 83/91 OREGON STATE PLANE COORDINATES NORTH ZONE (3601) INTERNATIONAL FEET.

GRID TO GROUND SCALE AND ROTATION ABOUT CONTROL BASE STATION 6
 SCALE: 0.99993606
 ROTATION: 00°56'02"

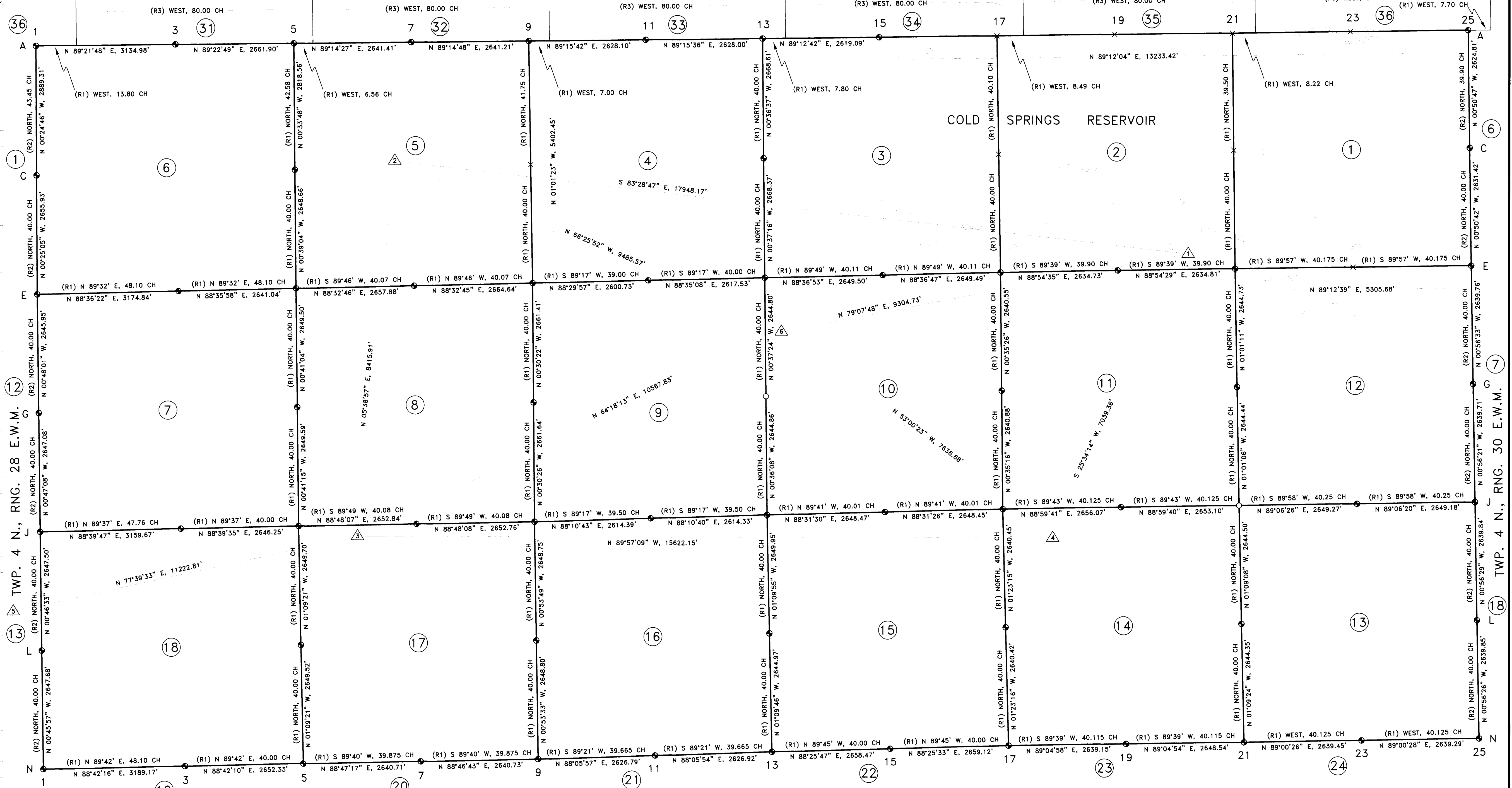
GROUND TO GRID SCALE AND ROTATION ABOUT CONTROL BASE STATION 6
 SCALE: 1.0000639441
 ROTATION: 359°03'58"

THE DISTANCES AS SHOWN ARE GRID DISTANCES.

1" = 1200'

RECEIVED BY
 Umatilla County Surveyor
 Date: 1/11/21
 Rec'd By: CT
 No.: 21-004-C

TWP. 5 N., RNG. 28 E.W.M.



CONTROL BASE STATION 1	CONTROL BASE STATION 2	CONTROL BASE STATION 3	CONTROL BASE STATION 4	CONTROL BASE STATION 5	CONTROL BASE STATION 6
N = 799169.09 E = 8546852.87 EL = 637.31	N = 801207.21 E = 8529020.79 EL = 496.37	N = 792832.17 E = 8528192.36 EL = 665.59	N = 792819.21 E = 8543814.51 EL = 670.52	N = 790433.58 E = 8517228.86 EL = 642.72	N = 797414.40 E = 8537715.08 EL = 667.87

REGISTERED PROFESSIONAL LAND SURVEYOR
 P.P.
 OREGON
 JULY 12, 2005
 KEITH P. PRIMM
 48490
 EXPIRATION DATE: 12/31/20
 DATE: 01 DEC 20

PRIMM LAND SURVEYING, INC.
 P.O. BOX 1322, 1340 N.E. 4TH
 HERMISTON, OR 97838
 (541) 564-7887
 FAX (541) 567-8020
 kpr@primmlandsurveying.com
 keith@primmlandsurveying.com

CLIENT: UMATILLA COUNTY
 N. 1/2 TWP. 4 N. RNG. 29 E.W.M.
 PROJECT:
 LOCATE AND/OR REESTABLISH, MONUMENT, TRAVERSE AND TO PROVIDE AN OREGON CORNER FORM WITH SECOND ORDER 83/91 STATE PLANE COORDINATES AT ONE-HALF MILE INTERVALS IN THE NORTH ONE-HALF OF TOWNSHIP 4 NORTH, RANGE 29 EAST OF THE WILLAMETTE MERIDIAN, UMATILLA COUNTY, OREGON.

JOB #: 1910006
 DATE: 21 APR 20
 BRIT L. PRIMM
 KEITH P. PRIMM
 PAUL P. PILCH
 FB/PG: 40/62-74
 FB/PG: 41/35-44
 FB/PG: 42/01-30
 SHEET: 1 OF 1
 DRAWN: KPP
 APPROVED: KPP