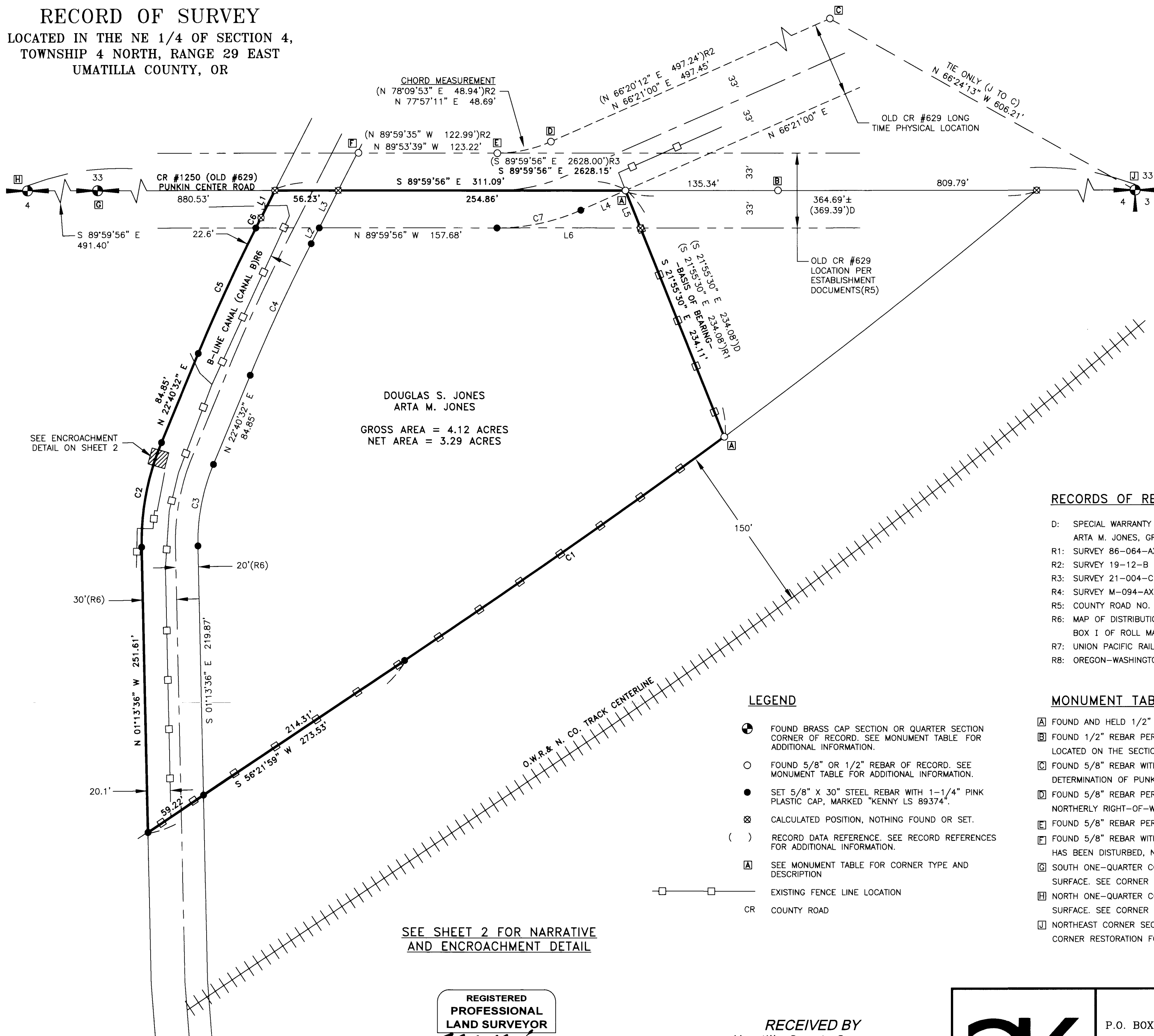
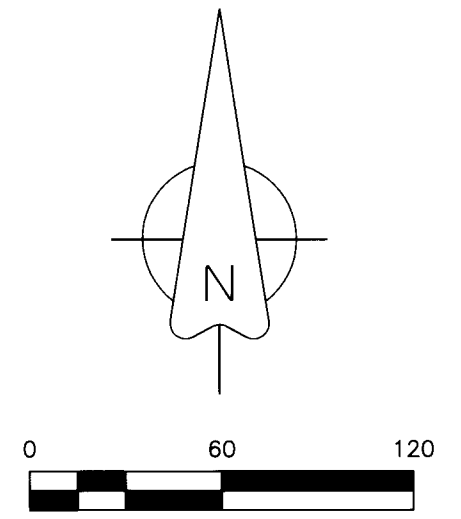


RECORD OF SURVEY

LOCATED IN THE NE 1/4 OF SECTION 4,
TOWNSHIP 4 NORTH, RANGE 29 EAST
UMATILLA COUNTY, OR



DOUGLAS S. JONES
ARTA M. JONES
GROSS AREA = 4.12 ACRES
NET AREA = 3.29 ACRES



LINE	BEARING	DISTANCE
L1	N 27°13'56" E	27.04'
L2	S 27°13'56" W	15.66'
L3	S 27°13'56" W	37.11'
L4	N 66°21'00" E	43.45'
L5	S 21°55'30" E	35.57'
L6	S 89°59'56" E	127.45'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	8265.22'	345.67'	345.65'	N 55°10'06" E	2°23'47"
C2	227.09'	94.74'	94.05'	S 10°43'28" W	2°35'40"
C3	177.09'	73.88'	73.34'	N 10°43'28" E	2°35'40"
C4	1612.13'	128.21'	128.18'	S 24°57'14" W	4°33'24"
C5	1662.12'	122.13'	122.11'	S 24°46'50" W	4°12'36"
C6	1662.12'	10.06'	10.06'	N 27°03'32" E	0°20'48"
C7	185.38'	76.61'	76.06'	S 78°09'47" W	2°34'03"

RECORDS OF REFERENCE

- D: SPECIAL WARRANTY DEED, THE SECRETARY OF VETERANS AFFAIRS, GRANTOR, TO DOUGLAS S. JONES & ARTA M. JONES, GRANTEE, FILED JUNE 20, 2019 UNDER INSTRUMENT NUMBER 2019-6870173.
- R1: SURVEY 86-064-AX BY DENNIS EDWARDS FOR CRIFE, DATED 3-12-1986.
- R2: SURVEY 19-12-B BY BRIT PRIMM FOR EVELAND, DATED 1-10-2019.
- R3: SURVEY 21-004-C BY KEITH PRIMM FOR UMATILLA COUNTY, DATED 4-21-2020.
- R4: SURVEY M-094-AX BY AMBROSE SHEA FOR CRIFE, DATED 8-15-1977.
- R5: COUNTY ROAD NO. 629 ESTABLISHMENT DOCUMENTS, UMATILLA COUNTY ROAD RECORDS.
- R6: MAP OF DISTRIBUTION SYSTEM, U.S. RECLAMATION SERVICE-UMATILLA PROJECT DATED JUNE 8, 1917, BOX I OF ROLL MAPS, UMATILLA COUNTY SURVEY RECORDS.
- R7: UNION PACIFIC RAILROAD ALIGNMENT MAP-HINKLE TO JUNIPER POINT.
- R8: OREGON-WASHINGTON RAILROAD & NAVIGATION COMPANY LOCATED LINE-HINKLE TO SAND.

MONUMENT TABLE

- [A] FOUND AND HELD 1/2" REBAR WITH ALUMINUM TAG MARKED "951" PER SURVEY RECORD R1.
- [B] FOUND 1/2" REBAR PER SURVEY RECORD R4. REBAR IS BENT, MEASURED AT SPIN POINT. POSITION IS LOCATED ON THE SECTION LINE.
- [C] FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "PLS LS 48509" PER SURVEY RECORD R2. HELD FOR DETERMINATION OF PUNKIN CENTER ROAD RIGHT-OF-WAY AS ESTABLISHED BY AREA SURVEYS.
- [D] FOUND 5/8" REBAR PER SURVEY RECORD R2. REBAR IS BENT, MEASURED AT SPIN POINT. LOCATED ON NORTHERLY RIGHT-OF-WAY OF PUNKIN CENTER ROAD. HELD FOR LINE ONLY.
- [E] FOUND 5/8" REBAR PER SURVEY RECORD R2. NOT HELD.
- [F] FOUND 5/8" REBAR WITH YELLOW PLASTIC CAP MARKED "PLS LS 48509" PER SURVEY RECORD R2. CORNER HAS BEEN DISTURBED, NOT HELD.
- [G] SOUTH ONE-QUARTER CORNER OF SECTION 33, T5N, R29E. FOUND 2-3/8" BRASS CAP ±2" BENEATH ROAD SURFACE. SEE CORNER RESTORATION FORM Z-11, T5N, R29E, UMATILLA COUNTY SURVEY RECORDS.
- [H] NORTH ONE-QUARTER CORNER OF SECTION 4, T4N, R29E. FOUND 2-3/8" BRASS CAP ±2" BENEATH ROAD SURFACE. SEE CORNER RESTORATION FORM A-11, T4N, R29E, UMATILLA COUNTY SURVEY RECORDS.
- [I] NORTHEAST CORNER SECTION 4, T4N, R29E. FOUND 2-3/8" BRASS CAP ±12" BENEATH SURFACE. SEE CORNER RESTORATION FORM A-13, T4N, R29E, UMATILLA COUNTY SURVEY RECORDS.

LEGEND

- ⊕ FOUND BRASS CAP SECTION OR QUARTER SECTION CORNER OF RECORD. SEE MONUMENT TABLE FOR ADDITIONAL INFORMATION.
- FOUND 5/8" OR 1/2" REBAR OF RECORD. SEE MONUMENT TABLE FOR ADDITIONAL INFORMATION.
- SET 5/8" X 30" STEEL REBAR WITH 1-1/4" PINK PLASTIC CAP, MARKED "KENNY LS 89374".
- ⊗ CALCULATED POSITION, NOTHING FOUND OR SET.
- () RECORD DATA REFERENCE. SEE RECORD REFERENCES FOR ADDITIONAL INFORMATION.
- [A] SEE MONUMENT TABLE FOR CORNER TYPE AND DESCRIPTION
- EXISTING FENCE LINE LOCATION
- CR COUNTY ROAD

SEE SHEET 2 FOR NARRATIVE AND ENCROACHMENT DETAIL

REGISTERED PROFESSIONAL LAND SURVEYOR
Matthew Patrick Kenny
OREGON
JAN 12, 2016
MATTHEW PATRICK KENNY
89374PLS
RENEWS: 6-30-21

RECEIVED BY
Umatilla County Surveyor
Date: 4/12/21
Rec'd By: CT
No.: 21-039-B



KENNY LAND SURVEYING
P.O. BOX 447, HEPNER, OR 97836 || 541-379-0242 || KENNYMATT@LIVE.COM

RECORD OF SURVEY
LOCATED IN THE NE1/4 OF SECTION 4,
TOWNSHIP 4 NORTH, RANGE 29 EAST, W.M., UMATILLA COUNTY, OR.

CLIENT:
DOUG JONES

PROJECT: 21-OR-04_JONES	DR: MPK	CH: MPK	DATE: MARCH 13, 2021	SHEET 1 OF 2
-------------------------	---------	---------	----------------------	--------------

RECORD OF SURVEY

LOCATED IN THE NE 1/4 OF SECTION 4,
TOWNSHIP 4 NORTH, RANGE 29 EAST
UMATILLA COUNTY, OR

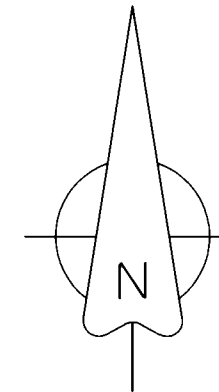
SURVEY NARRATIVE

THIS SURVEY HAS BEEN PREPARED AT THE REQUEST OF DOUG JONES. THE PURPOSE IS TO MARK THE BOUNDARIES OF THAT TRACT OF LAND CONVEYED BY SPECIAL WARRANTY DEED TO DOUGLAS S. JONES AND ARTA M. JONES, RECORDED JUNE 20, 2019 UNDER INSTRUMENT NUMBER 2019-6870173, UMATILLA COUNTY RECORDS.

THE PROPERTY IS DESCRIBED AS BEING BOUNDED ON THE NORTH BY THE NORTH LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 29 EAST, W.M., ON THE EAST BY DEED RECORDED IN REEL 136 PAGE 181, UMATILLA COUNTY RECORDS, ON THE SOUTH BY THE NORTHERLY RIGHT-OF-WAY OF THE RAILROAD, AND ON THE WEST BY THE WESTERLY RIGHT-OF-WAY OF THE B-LINE CANAL AND SOUTHEASTERLY CORNER OF DEED RECORDED IN REEL 117, PAGE 501, UMATILLA COUNTY RECORDS.

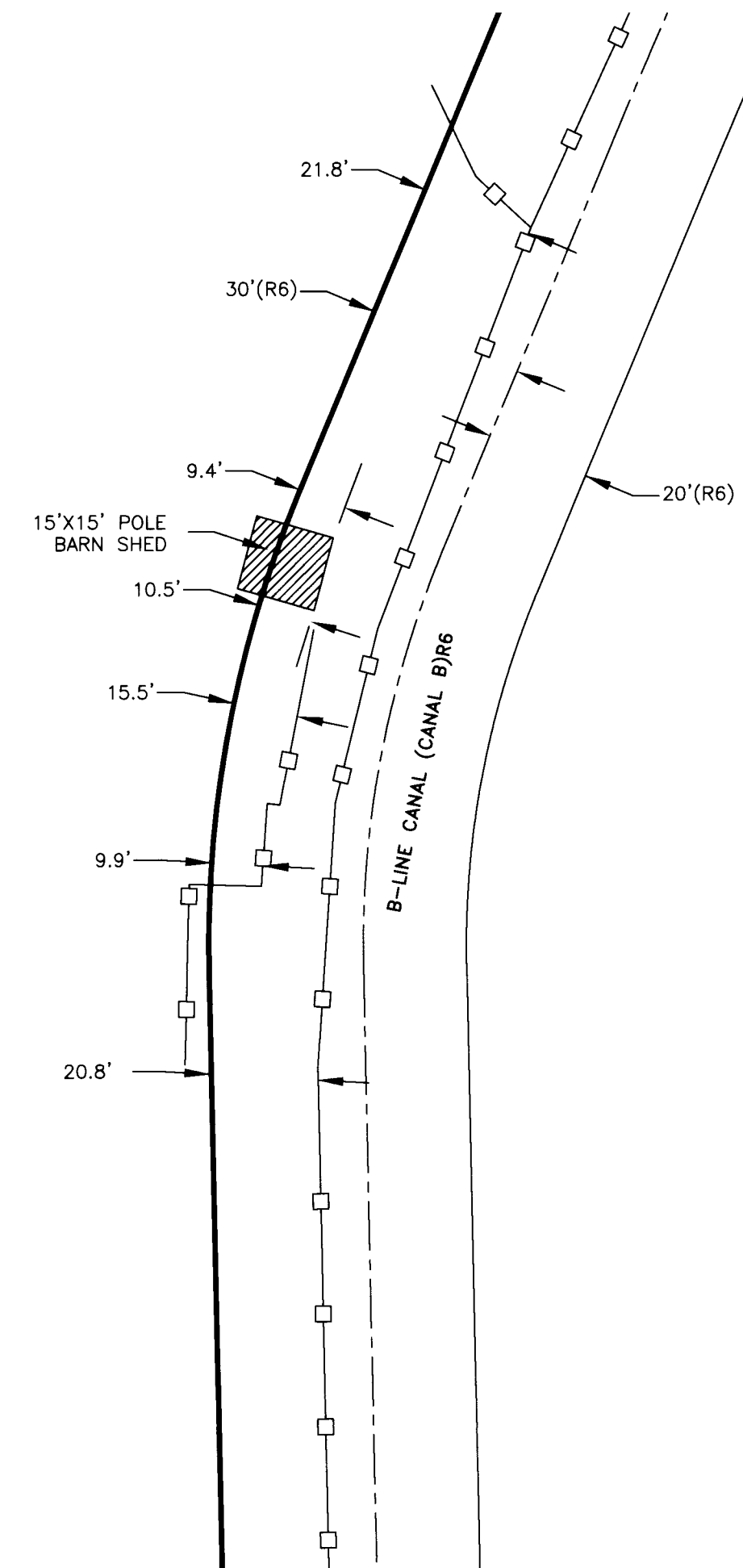
TIES TO THE ACCEPTED BRASS CAP MONUMENTS AT THE NORTHEAST CORNER AND NORTH QUARTER CORNER OF SAID SECTION 4 CONTROL THE LOCATION FOR THE NORTH BOUNDARY. 1/2" REBARS FOUND ALONG THE EAST BOUNDARY (WEST BOUNDARY OF REEL 136, PAGE 181) WERE ACCEPTED AS THOSE MONUMENTS CALLED FOR IN THE LEGAL DESCRIPTION OF REEL 136, PAGE 181. A LONG TIME RAILROAD FENCE EXISTS ALONG THE SOUTHERLY BOUNDARY OF THE SURVEYED PARCEL. I HELD THE LOCATION OF THIS FENCE AS CONTROLLING THE LOCATION OF THE NORTHERLY RAILROAD RIGHT-OF-WAY. MEASUREMENTS MADE TO THE CENTER OF TRACKS MATCH THE HELD FENCE LINE LOCATION WITHIN 0.3' IN ALL LOCATIONS WHEN OFFSETTING 150' PER THE RECORD. TRACK CENTERLINE DATA INDICATES A SPIRAL CURVE IN THIS AREA. I WAS UNABLE TO MATCH THE EXISTING FENCE LINE WITH OFFSET SPIRAL DATA WITHIN A REASONABLE TOLERANCE. THE LONG TIME FENCE INSTALLED BY THE RAILROAD AND ACCEPTED AS THE POSSESSORY LINE BY ADJOINING OWNERS IS CONTROLLING FOR THIS RIGHT-OF-WAY AS CALLED FOR IN THE DEED. AVERAGE OF FENCE FIELD TIES WERE USED TO DETERMINE TANGENT BEARINGS. THE TANGENTS WERE THEN USED IN CONJUNCTION WITH INTERMEDIATE TIES TO DEVELOP A TANGENT CURVE THAT BEST FIT THE FENCE LINE LOCATION. THE B-LINE CANAL IS LINED WITH CONCRETE IN THIS AREA. I MADE TIES TO THE OUTER EDGE OF THE CANAL LINER IN MULTIPLE LOCATIONS AND HELD THE MIDPOINT OF THOSE TIES TO DETERMINE THE CENTER OF B-LINE CANAL RIGHT-OF-WAY. I THEN OFFSET CANAL CENTER 20 FEET EAST AND 30 FEET WEST PER UNITED STATES RECLAMATION SERVICE UMATILLA PROJECT DISTRIBUTION SYSTEM MAP, SHOWN AS SURVEY RECORD R6. THIS WAS VERIFIED BY INFORMATION PROVIDED BY THE HERMISTON IRRIGATION DISTRICT. THE EASTERLY AND WESTERLY RIGHT-OF-WAY LINES OF THE B-LINE CANAL WERE MONUMENTED IN THIS SURVEY. THE WESTERLY RIGHT-OF-WAY LINE IS THE WESTERLY BOUNDARY OF THIS SURVEY AND OF THE PROPERTY DESCRIBED IN AFOREMENTIONED DOCUMENT 2019-6870173. PUNKIN CENTER ROAD RIGHT-OF-WAY WAS ESTABLISHED AS ROAD NO. 629 ON JUNE 6, 1907. THESE DOCUMENTS DESCRIBE THE ROAD AS FOLLOWING THE SECTION LINE ALONG THIS PORTION OF SECTION 4. THIS IS WHERE THE RECORD RIGHT OF WAY EXISTS. THE PHYSICAL ROAD LOCATION HAS DIFFERED FROM THE RECORD FOR MANY YEARS AND IS IN NEED OF A LEGALIZATION. I SHOW BOTH RIGHTS OF WAY IN THIS SURVEY. THE SECTION LINE CONTROLS THE JONES BOUNDARY; HOWEVER, CORNERS WERE SET ALONG THE SOUTHERLY RIGHT-OF-WAY OF PUNKIN CENTER AS ESTABLISHED BY PRIOR SURVEYS. I HELD THE BEARING AS MEASURED FROM CORNER "C" TO CORNER "D" TO DETERMINE THE NORTHEASTERLY TANGENT OF PUNKIN CENTER ROAD. I ALSO HELD CORNER "A" AS LOCATED ON THE SECTION LINE AND SOUTH RIGHT-OF-WAY LINE OF PUNKIN CENTER ROAD. I THEN USED THE SECTION LINE AND RESULTING NORTHEASTERLY TANGENT TO CREATE A CURVE THAT MATCHED WHAT WAS ESTABLISHED IN SURVEY RECORD R2.

THIS SURVEY WAS PERFORMED USING TWO TOPCON HIPER LITE+ GNSS UNITS OPERATED IN RTK MODE. THE BASIS OF BEARINGS IS THE WESTERLY BOUNDARY LINE OF THAT PROPERTY AS SURVEYED AND MONUMENTED IN SURVEY 86-064-AX AS ESTABLISHED BY MEASURE TO FOUND MONUMENTS "A" AS SHOWN. DISTANCES ARE GROUND, UNITS ARE INTERNATIONAL FEET.



0 30 60

ENCROACHMENT DETAIL
SCALE: 1"=30'



RECORDS OF REFERENCE

- D: SPECIAL WARRANTY DEED, THE SECRETEARY OF VETERANS AFFAIRS, GRANTOR, TO DOUGLAS S. JONES & ARTA M. JONES, GRANTEE, FILED JUNE 20, 2019 UNDER INSTRUMENT NUMBER 2019-6870173.
- R1: SURVEY 86-064-AX BY DENNIS EDWARDS FOR CRIPE, DATED 3-12-1986.
- R2: SURVEY 19-12-B BY BRIT PRIMM FOR EVELAND, DATED 1-10-2019.
- R3: SURVEY 21-004-C BY KEITH PRIMM FOR UMATILLA COUNTY, DATED 4-21-2020.
- R4: SURVEY M-094-AX BY AMBROSE SHEA FOR CRIPE, DATED 8-15-1977.
- R5: COUNTY ROAD NO. 629 ESTABLISHMENT DOCUMENTS, UMATILLA COUNTY RECORDS.
- R6: MAP OF DISTRIBUTION SYSTEM, U.S. RECLAMATION SERVICE-UMATILLA PROJECT DATED JUNE 8, 1917, BOX I OF ROLL MAPS, UMATILLA COUNTY SURVEY RECORDS.
- R7: UNION PACIFIC RAILROAD ALIGNMENT MAP-HINKLE TO JUNIPER POINT.
- R8: OREGON-WASHINGTON RAILROAD & NAVIGATION COMPANY LOCATED LINE-HINKLE TO SAND.

RECEIVED BY
Umatilla County Surveyor
Date: 4/12/21
Rec'd By: CT
No.: 21-039-B



KENNY LAND SURVEYING			
P.O. BOX 447, HEPPNER, OR 97836 541-379-0242 KENNYMATT@LIVE.COM			
RECORD OF SURVEY LOCATED IN THE NE1/4 OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 29 EAST, W.M., UMATILLA COUNTY, OR.			
CLIENT:		DOUG JONES	
PROJECT: 21-OR-04_JONES	DR: MPK	CH: MPK	DATE: MARCH 13, 2021
			SHEET 2 OF 2