

NARRATIVE

1. THIS SURVEY WAS MADE AT THE REQUEST OF THE BONNEVILLE POWER ADMINISTRATION (BPA), TO LOCATE THE EXISTING 300.00 FOOT WIDE NORTH BONNEVILLE-VANCOUVER RIGHT-OF-WAY CORRIDOR, THROUGH SECTION 15, TO PROVIDE LOCATION FOR A NEW ACCESS ROAD EASMENT, OVER A PORTION OF THE STATE OF WASHINGTON OWNERSHIP, AND TO SATISFY THE DEPARTMENT OF NATURAL RESOURCES (DNR) REQUIREMENTS FOR RECORD OF SURVEYS FOR LEASES AND EASEMENTS, AS REQUIRED BY THE BONNEVILLE POWER ADMINISTRATION DNR APPLICATION NO. 92-104794.
2. BASIS OF BEARING FOR THIS SURVEY IS NAD83/2011 (EPOCH2010), WASHINGTON PLANE COORDINATES, SOUTH ZONE (4602), US SURVEY FEET. BEARING AND COORDINATES ARE GRID. DISTANCES SHOWN ARE GROUND. TO CONVERT TO GRID MULTIPLY BY 0.9999933.
3. THIS SURVEY WAS PERFORMED USING TRIMBLE R12i GNSS RECIEVERS, TRIMBLE S7 TOTAL STATION, AND TRIMBLE SC7 DATA COLLECTORS. DATA WAS PROCESSED USING TRIMBLE BUSINESS CENTER (TBC) VERSION 5.70. OPUS GPS STATIC CONTROL COORDINATES WERE ESTABLISHED ON EXISTING MONUMENTS AND UTILIZED AS RTK BASE STATIONS FOR THE PROJECT. THE SCALE FACTOR FOR THIS PROJECT IS AN AVERAGE OF THE OPUS-DERIVED COMBINED SCALE FACTORS FOR THIS CONTROL. TWO 3-MINUTE RTK OBSERVATIONS WERE MADE AND AVERAGED FOR ALL TIED MONUMENTS.
4. ANALYSIS INCLUDED REVIEWING EXISTING BPA RIGHT-OF-WAY PLAN MAPS (R1 THROUGH R5); THE SKAMANIA MINES RECORD OF SURVEY, FOR LONGVIEW FIBER COMPANY AND THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES (R6); THE RECORD OF SURVEY FOR THE STATE OF WASHINGTON DEPARTMENT OF FISHERIES - WASHOUGAL HATCHERY (R7); AND EASEMENT DOCUMENTS (D1 THROUGH D4) FOR BPA'S 300.00 FOOT WIDE RIGHT-OF-WAY THROUGH SECTION 15.
5. THE PORTION OF BPA'S 300.00 WIDE RIGHT-OF-WAY CORRIDOR, THROUGH SECTION 15, WAS ORIGINALLY ACQUIRED FOR THE NORTH BONNEVILLE-VANCOUVER LINE IN EASEMENT REFERENCES D1 THROUGH D4. BPA PLAN MAPS (R1 THROUGH R3) INDICATE THAT THEY LOCATED THE EAST, WEST, AND CENTER ONE-QUARTER CORNERS, THEN REFERENCED EACH OF THEM TO THE SURVEY LINE FOR THE NORTH BONNEVILLE-VANCOUVER LINE (R3).
6. THE SKAMANIA MINES SURVEY (R6) SHOWS A BREAKDOWN AND RE-MONUMENTATION OF SECTION 15. MANY EXISTING MONUMENTS WERE LOCATED, REJECTED, AND RESET, INCLUDING THE EAST, WEST, AND CENTER ONE-QUARTER CORNERS. SAID SURVEY DID NOT LOCATE OR REFERENCE THE EAST, WEST, OR CENTER ONE-QUARTER CORNERS THAT WERE FOUND AND HELD BY BPA. IT ALSO DOES NOT DEPICT BPA'S TRANSMISSION LINE CORRIDOR, AS IT WAS NOT RELATED TO THE PURPOSE OF SAID SURVEY.
7. THE WASHOUGAL HATCHERY SURVEY (R7) LOCATED AND HELD SEVERAL OF THE MONUMENTS THAT THE SKAMANIA MINES SURVEY (R6) HAD REJECTED. IT ALSO LOCATED THE EAST AND WEST ONE-QUARTER CORNERS THAT BPA HELD (R1 THROUGH R3). SAID SURVEY HELD THE WEST ONE-QUARTER CORNER HELD BY BPA. HOWEVER, IT REJECTED THE EAST ONE-QUARTER CORNER HELD BY BPA, STATING THAT IT WAS USED BY MANY OTHER SURVEYS AND THAT ITS POSITION WAS INCORRECT AS IT DID NOT FIT GLO CALLS.
8. DEA LOCATED THE EAST AND WEST ONE-QUARTER CORNERS HELD BY BPA (R1 THROUGH R3); LOCATED THE SOUTHEAST CORNER, THE CENTER AND EAST ONE-QUARTER CORNERS, AND THE CENTER-EAST ONE-SIXTEENTH CORNER AS SET BY R6; AND LOCATED THE EAST ONE-QUARTER CORNER REJECTED BY R6 BUT HELD BY R7. THIS SURVEY DOES NOT INTEND TO RESOLVE ANY ISSUES RELATED TO THE BREAKDOWN OF SECTION 15; HOWEVER, IT IS INTENDED TO RELATE THE LOCATION OF EXISTING BPA RIGHTS TO THE VARIOUS MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY.
9. BPA TRANSMISSION STRUCTURES, SHOWN HEREIN, WERE LOCATED AND ANALYZED FOR BEST-FIT ALIGNMENT TO RE-ESTABLISH THE SURVEY LINE FOR THE BONNEVILLE-VANCOUVER LINE (NOW NORTH BONNEVILLE-VANCOUVER 1&2) AS ACQUIRED IN D1 THROUGH D4. THE 300.00 FOOT RIGHT-OF-WAY IS 87.5 FEET SOUTHERLY OF AND 212.5 FEET NORTHERLY OF SAID SURVEY LINE. TRANSMISSION STRUCTURE 153/1 WAS NOT LOCATED BY THIS SURVEY AND IS SHOWN FOR GRAPHICAL PURPOSES ONLY.

SHEET INDEX

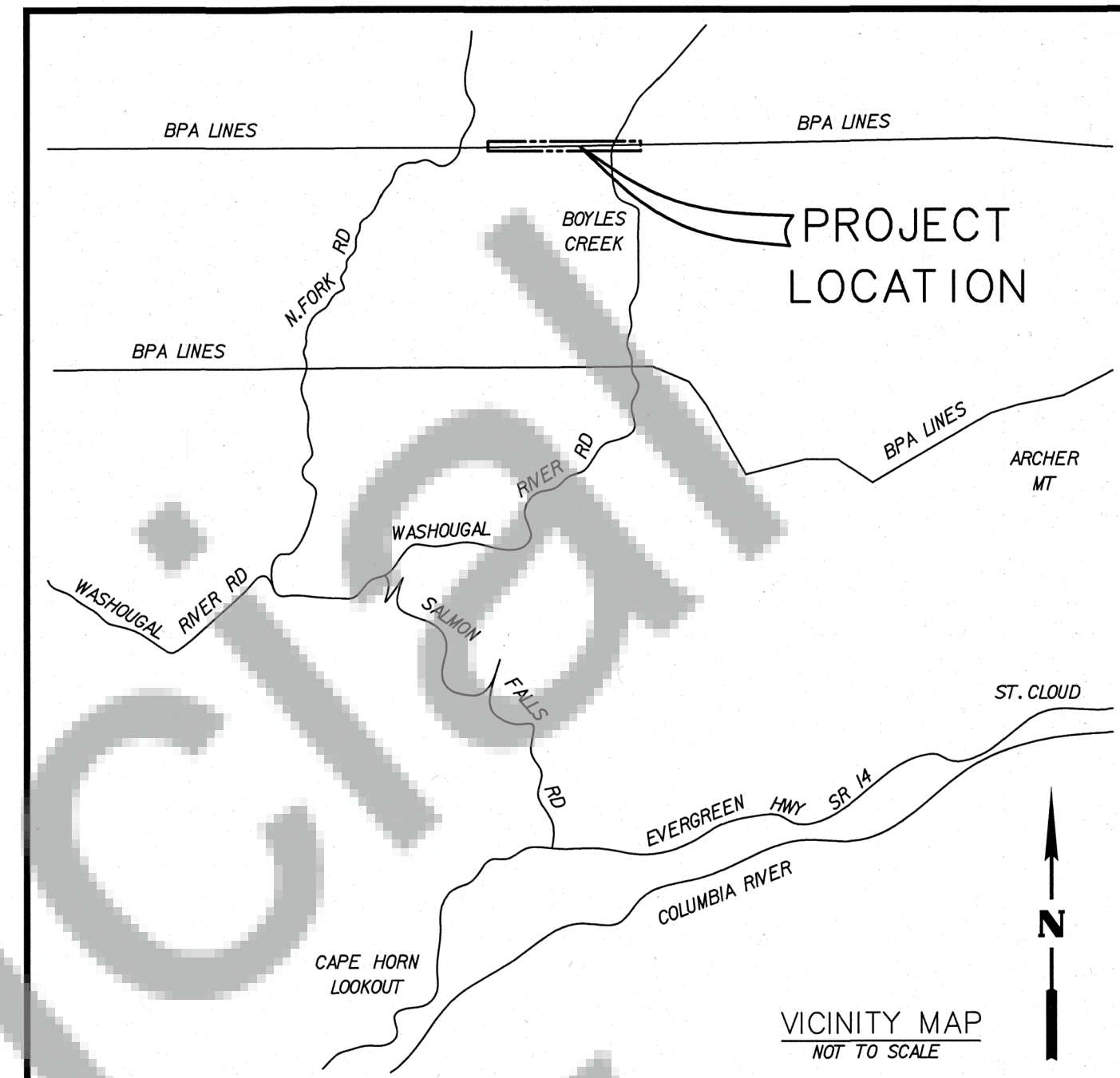
SHEET 1 - SHEET INDEX, NARRATIVE, REFERENCES, LEGAL DESCRIPTION AND VICINITY MAP
SHEET 2 - PLAN MAP, MONUMENT TABLE AND LEGEND

SURVEY REFERENCES

- R1. BPA "NORTH-BONNEVILLE-VANCOUVER *3" PLAN MAP WITH STICKY LABEL "BONNEVILLE-VANCOUVER NO 3_006"
- R2. BPA NORTH BONNEVILLE-VANCOUVER LINE - ACCESS ROADS NBV-AR-13 & NBV-AR-14, DRAWING SERIAL NO.14863, DATED MAY 18, 1942
- R3. BPA NORTH BONNEVILLE-VANCOUVER LINE , MILE 11, DRAWING SERIAL NO. 14831, DATED NOVEMBER 11, 1941, AND MILE 12, DRAWING SERIAL NO. 14832, DATED OCTOBER 23, 1941
- R4. BPA NORTH BONNEVILLE 1&2 MILE 11, DRAWING SERIAL NO. 40211, DATED OCTOBER 26, 1948, AND MILE 12, DRAWING SERIAL NUMBER 40212, DATED OCTOBER 25, 1948.
- R5. BPA MCNARY-ROSS LINE , MILE 152, DRAWING SERIAL NO. 64952 AND MILE 153, DRAWING SERIAL NO. 64953, BOTH DATED AUGUST 15, 1952
- R6. RECORD OF SURVEY, BOOK 2, PAGE 91, BY OLSON ENGINEERING, DATED DECEMBER 30, 1982, RECORDS OF SKAMANIA COUNTY, WASHINGTON.
- R7. RECORD OF SURVEY MICROFILM CARD 1846, FOR STATE OF WASHINGTON DEPARTMENT OF FISHERIES - WASHOUGAL HATCHERY, DATED JUNE 28, 1977, RECORDS OF SKAMANIA COUNTY, WASHINGTON.

MONUMENT TABLE

PT. NO.	SPC NORTHING	SPC EASTING	DESCRIPTION
9	122 875.013	1209940.180	SET 5/8" IR W/3-1/4" BPA AC, "USDOE BONNEVILLE PWR ADMIN DO NOT DISTURB, CP-9, MS1-22", DOWN 0.2'
100	122 803.205	1212263.017	SET 5/8" IR W/2" AC, "DEPT OF NATURAL RESOURCES WASHINGTON, CONTROL GPS 3132, 2006", DOWN 0.3'
201	122 990.376	1214011.125	FOUND 5/8" IRON ROD, UP 0.2'
202	122 877.854	1214137.692	FOUND 3/4" IP W/ PIPE CAP, UP 0.7'
203	122 949.994	1208917.139	FOUND 1" IP, DOWN 0.1'
214	122 935.573	1211507.513	FOUND 1" IP W/2-1/2"BC, "OLSON ENGINEERING, 9025, T2N,R5W,WM, C1/4, SEC15, 1981AD", UP 0.3'
215	122 952.035	1212794.250	FOUND 1" IP W/2-1/2"BC, "OLSON ENGINEERING, 9025, T2N,R5W,WM, CE1/16, SEC15, GPS3133, 1981AD", UP 0.3'
216	120 286.391	1214044.318	FOUND 1" IP W/2-1/2"BC, "OLSON ENGINEERING, T2N,R5W, SEC COR,15/14/22/23, 1981, LS 9025", UP 0.3'
217	122 968.231	1214080.969	FOUND 1" IP W/2-1/2"BC, LEANING N77°W 0.51' "OLSON ENGINEERING, 9025, T2N,R5W,WM 1/4COR,15/14, 1981AD", UP 1.7'



SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF THE BONNEVILLE POWER ADMINISTRATION IN SEPTEMBER 2022.

Stephen C. Williams
STEPHEN C. WILLIAMS P.L.S. NO. 42680

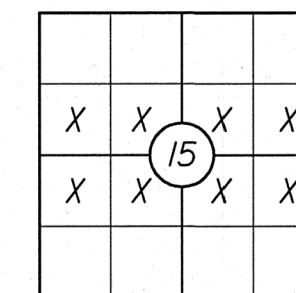
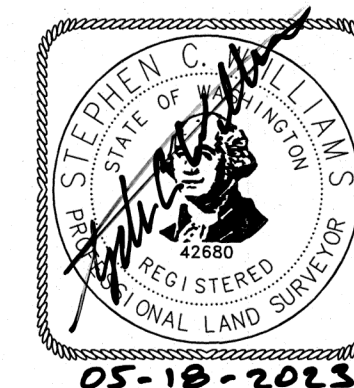
AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 23 DAY OF September, 2023 AT 2:28 PM, IN BOOK OF AT PAGE AT THE REQUEST OF Bonneville Power Admin. DAVID EVANS AND ASSOCIATES, INC.

AFN 2023-0007116
David Evans
SKAMANIA COUNTY AUDITOR - *Deputy*

EASEMENT REFERENCES

- D1. EASEMENT DEED BOOK 29, PAGE 26, RECORDS OF SKAMANIA COUNTY, WASHINGTON, FOR BPA TRACT ID NBV-31
- D2. EASEMENT DEED BOOK 29, PAGE 41, RECORDS OF SKAMANIA COUNTY, WASHINGTON, FOR BPA TRACT ID NBV-32
- D3. DISTRICT COURT CASE NO.443, JUDGEMENT FOR DECLARATION OF TAKING, DATED SEPTEMBER 23, 1942, FOR BPA TRACT ID NBV-33
- D4. EASEMENT DEED BOOK 29, PAGE 245, RECORDS OF SKAMANIA COUNTY, WASHINGTON, FOR BPA TRACT ID NBV-34



T2N, R5E, W.M.

BPA SERIAL NO. 351915-C

RECORD OF SURVEY
FOR
BONNEVILLE POWER ADMINISTRATION
A PORTION OF SECTION 15
TOWNSHIP 2 NORTH, RANGE 5 EAST, W.M.
SKAMANIA COUNTY, WASHINGTON
DNR APPLICATION NO. 92-104794

DAVID EVANS
AND ASSOCIATES INC.
2100 S. River Parkway, Suite 100
Portland Oregon 97201
Phone: 503.223.6663



DATE: MAY 17, 2023
DESIGN: SCW
DRAWN: DKH
CHECKED: PMG

SCALE: NONE

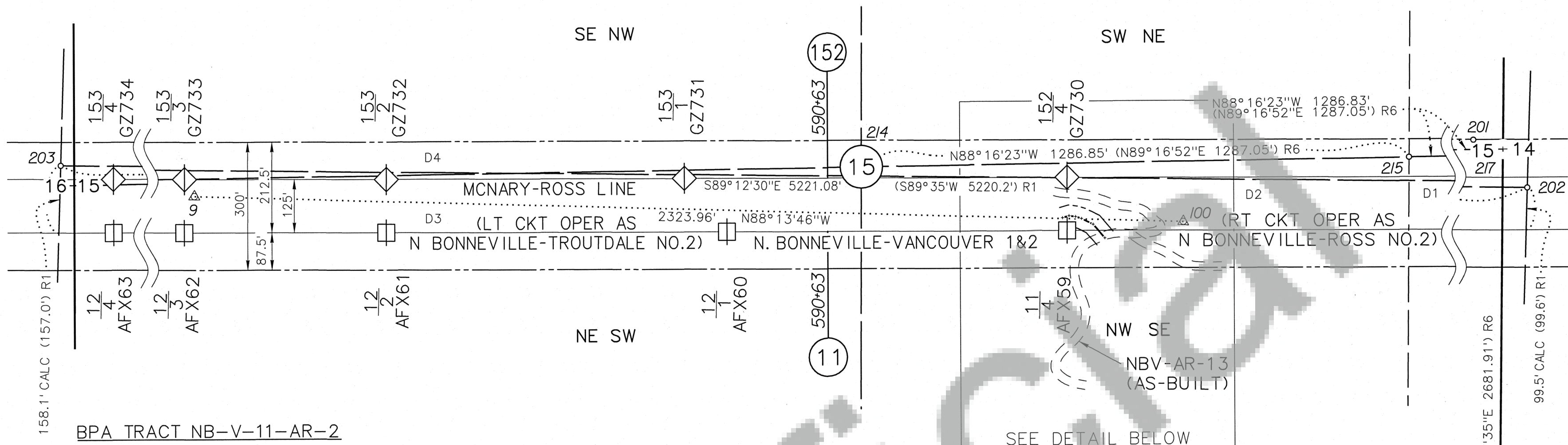
PROJECT NUMBER:
BPAX0000-0470

DRAWING FILE:
13-0062_NBN-
TROU_Mi.11_ROS.DGN

SHEET NO.

1

OF 2



BPA TRACT NB-V-11-AR-2

ACCESS TO THE BONNEVILLE POWER ADMINISTRATION (BPA) NORTH BONNEVILLE-VANCOUVER TRANSMISSION LINE RIGHT-OF-WAY AND ALL EXISTING AND FUTURE RIGHTS-OF-WAY.

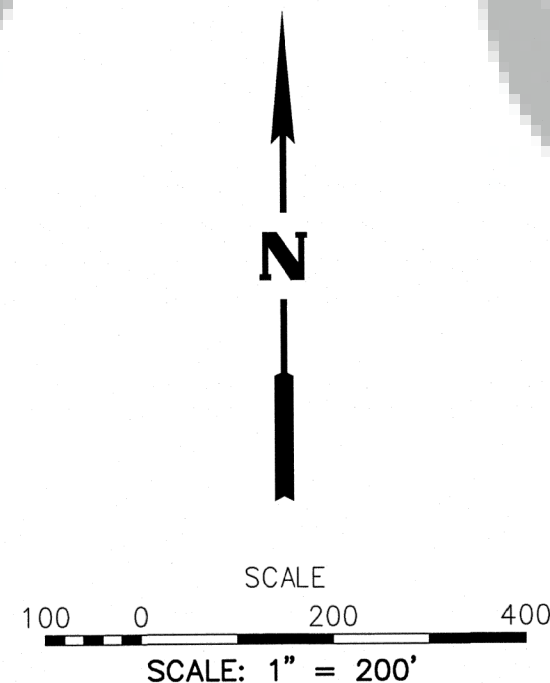
A RIGHT-OF-WAY 50 FEET WIDE, FOR A NEW ROAD TO BE CONSTRUCTED, OVER AND ACROSS THE NW/4SE/4 OF SECTION 15, TOWNSHIP 2 NORTH, RANGE 5 EAST, WILLAMETTE MERIDIAN, SKAMANIA COUNTY, WASHINGTON, AS SHOWN HEREON.

NB-V-11-AR-2 CONTAINS 0.14 ACRES, MORE OR LESS

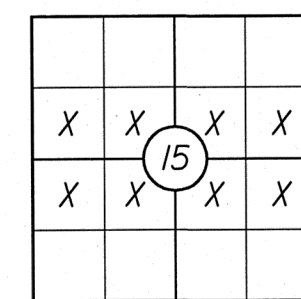
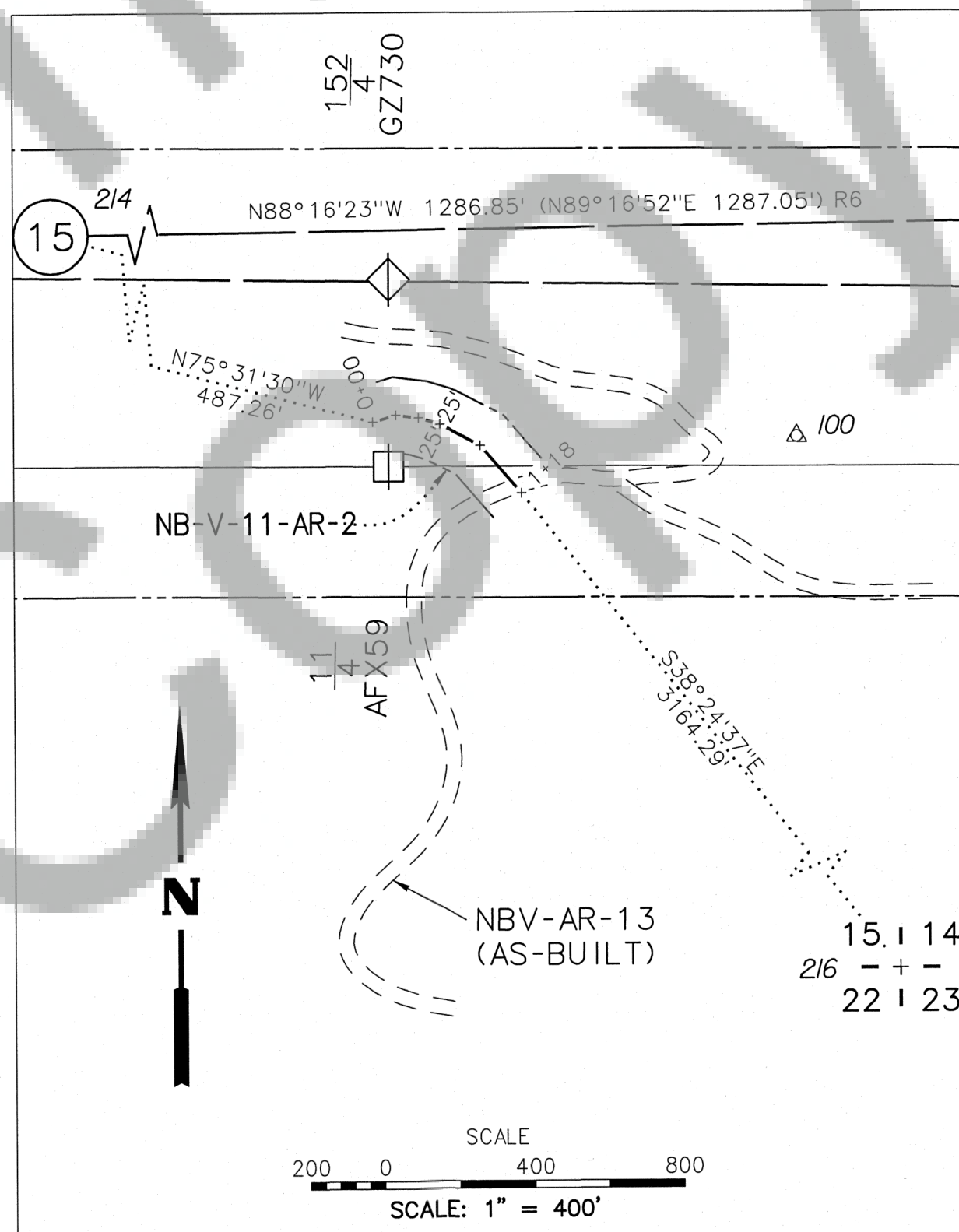
LEGEND

- CONTROL MONUMENT
- FOUND MONUMENT (AS NOTED)
- BPA STEEL TOWER
- CENTER OF SECTION MONUMENT (FOUND)
- SECTION CORNER (FOUND)
- QUARTER CORNER (FOUND)
- QUARTER CORNER (NOT FOUND)
- PLSS SECTION LINE
- PLSS QUARTER SECTION LINE
- PLSS QUARTER SECTION LINE
- TIE/OBSERVATION LINE
- BPA SURVEY LINE
- BPA RIGHT-OF-WAY LINE
- EXISTING ROAD
- ROAD TO BE CONSTRUCTED

NB-V-11-AR-2	
1	585+11 "L" TIE 30 Rt
2	0+00 BEG CONST
3	N 122° 81' 4" E 122.814
4	N 73° 47' 1" E 121.979
5	S 82° 44' 1" E 122.814
6	S 72° 12' 1" E 122.814
7	S 62° 36' 1" E 122.814
8	S 40° 42' 1" E 122.814
9	1+18 END CONST
10	N 122° 76' 1" E 121.212
11	0+76
12	0+46
13	0+31
14	0+16
15	0+00 BEG CONST
16	585+11 "L" TIE 30 Rt
17	0.14 ACRES±



DETAIL OF TRACT NB-V-11-AR-2



T2N, R5E, W.M.

BPA SERIAL NO. 351915-C

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A PORTION OF SECTION 15
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TROU_Mi.T1_ROS.DGN

SHEET NO.

2

OF 2