



KEYNOTES

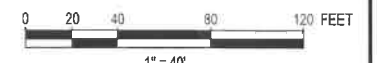
- ① INSTALL CHAIN LINK FENCE.
- ② INSTALL 20' DOUBLE SWING CHAIN LINK GATE.
- ③ PROPOSED STATION ROCK SURFACE, SEE SITE DETAILS.
- ④ PROPOSED WEST ACCESS ROAD, SEE SITE DETAILS.
- ⑤ PROPOSED EAST ACCESS ROAD, SEE SITE DETAILS.
- ⑥ PROPOSED BASE ON EXISTING ROAD, SEE SITE DETAILS.

PROTECTION KEYNOTES

- ① PROTECT EXISTING UNDERGROUND VAULTS.

GENERAL NOTES

1. THE INFORMATION SHOWN ON THESE DRAWINGS IS PROVIDED TO BETTER ENABLE THE CONTRACTOR TO ACCURATELY ESTIMATE THE AMOUNT OF WORK REQUIRED TO BRING THE SITE TO THE ELEVATIONS SHOWN ON THE GRADING PLAN.
2. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
3. ALL NEW CONTOURS SHOWN ON THIS DRAWING ARE FINISHED GRADE ELEVATIONS, UNLESS OTHERWISE SPECIFIED. SEE GRADING AND DRAINAGE PLAN FOR MORE DETAILS.
4. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL AMOUNT OF EARTHWORK QUANTITIES AND IS ENCOURAGED TO PERFORM ANY ADDITIONAL SURVEY WORK DEEMED NECESSARY TO COMPLETE THE WORK.
5. BASIS OF BEARING WASHINGTON STATE PLANE SOUTH, NAD83 (2011)
6. BASIS OF ELEVATION IS NAVD88
7. SURVEY WAS PERFORMED IN NOVEMBER OF 2018 BY DAVID EVANS AND ASSOCIATES USING A LEICA GS14 GPS UNIT AND LEICA C10 HIGH DEFINITION LASER SCANNER.
8. STATE PLANE COORDINATES WERE ESTABLISHED AT DEA BASE STATION POINT NO. 101 (N: 657243.5805 E: 1590825.5158 E: 2518.64, GRID, US SURVEY FEET) AND POST-PROCESSED USING NGS OPUS WITH A HORIZONTAL REFERENCE FRAME OF NAD_83 (2011)(EPOCH:2010.0000) AND A VERTICAL DATUM OF NAVD88 (COMPUTED USING GEOID12B).
9. A COMBINED SCALE FACTOR OF 1.000156521 AND A -100.000 SHIFT TO BOTH THE NORTHINGS AND EASTINGS WAS APPLIED TO ACHIEVE THE GROUND COORDINATES USED IN THIS MAP.
10. CONVERGENCE ANGLE AT BASE POINT NO. 101 = -00°08'41"
11. UNDERGROUND UTILITIES: THIS DRAWING MAY NOT SHOW ALL UNDERGROUND UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE LOCATION OF UNDERGROUND UTILITIES ARE SHOWN AS ACCURATELY AS POSSIBLE FROM UTILITY COMPANY MARKINGS, BUT DOES NOT REFLECT THE EXACT LOCATION OF THESE UTILITIES. CALL 811 FOR UTILITY LOCATION PRIOR TO ANY EXCAVATION
12. THE CONTRACTOR SHALL VERIFY THAT NO EXISTING UNDERGROUND UTILITIES EXIST IN THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
13. CONTRACTOR SHALL TAKE CARE WHILE WORKING AROUND AND BELOW EXISTING UTILITIES.
14. CONTRACTOR SHALL VERIFY DIMENSIONS, PROPERTY SURVEY, AND EXISTING BENCHMARKS PRIOR TO CONSTRUCTION.
15. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING BENCHMARKS AND CONTROL POINTS THAT MAY BE LOCATED WITHIN THE AREA OF WORK.
16. CONTRACTOR SHALL CLEAR, GRUB, REMOVE, AND DISPOSE OF ALL VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIAL WITHIN THE LIMITS OF THE AREA OF WORK. STRIPPING SHALL BE A MINIMUM OF SIX (6) INCHES AND SHALL BE PLACED IN THE STOCKPILE.
17. CONTRACTOR SHALL NOTIFY THE ENGINEER OF UNEXPECTED SUBSURFACE CONDITIONS OR HAZARDOUS MATERIAL ENCOUNTERED, AND DISCONTINUE WORK IN THE AFFECTED AREA UNTIL NOTIFIED TO RESUME WORK.
18. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
19. IF A CONFLICT EXISTS BETWEEN THESE PLANS AND THE SOILS REPORT, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
20. ALL DISTANCES, CURVE RADII, AND ELEVATIONS SHOWN IN FEET.
21. CHDPE CULVERTS SHALL BE SIZED ACCORDING TO THE PLANS. RIPRAP APRONS SHALL BE PROVIDED AT INLETS, OUTLETS, AND AROUND SIDE SLOPES AS SHOWN. MAINTAIN MINIMUM 12" COVER AT CULVERT LOCATIONS.
22. SEE DRAWING C2-1 FOR EROSION CONTROL PLAN AND C8-1 AND C8-2 FOR EROSION CONTROL DETAILS.
23. CONTRACTOR IS RESPONSIBLE TO RE-SEED AND ESTABLISH VEGETATION IN NATIVE AREAS DISTURBED OUTSIDE THE GRADING LIMITS.



POWER ENGINEERS, INC.
FORT WORTH, TEXAS
WASHINGTON LICENSE NO. 423

OVERALL SITE PLAN
SCALE: 1"=40'

LEGEND

- 25.35 — EXISTING CONTOUR
- x- EXISTING CHAIN LINK FENCE
- OE EXISTING OVERHEAD ELECTRIC
- APPROXIMATE EXISTING TOP ROCK AREA
- 25.35- PROPOSED CONTOUR
- x- PROPOSED CHAIN LINK FENCE
- PROPOSED 8" FLEXIBLE BASE
- PROPOSED 6" FLEXIBLE BASE
- PROPOSED 4" FLEXIBLE BASE
- FG FINISHED GRADE
- SW SITE WORK GRADE

THIS DRAWING IS ISSUED FOR REVIEW PURPOSES ONLY UNDER THE AUTHORITY OF PHILLIP STENBURG, WASHINGTON P.E. NO. 20850, ON JANUARY 13, 2021. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.

C1-1.DWG
THIS DRAWING WAS PREPARED BY POWER ENGINEERS, INC. FOR A SPECIFIC PROJECT, TAKING INTO CONSIDERATION THE SPECIFIC AND UNIQUE REQUIREMENTS OF THE PROJECT. REUSE OF THIS DRAWING OR ANY INFORMATION CONTAINED IN THIS DRAWING FOR ANY PURPOSE IS PROHIBITED UNLESS WRITTEN PERMISSION FROM BOTH POWER AND POWER'S CLIENT IS GRANTED.

REV	ISSUED FOR REVIEW	02-10-2021	BRG	JRM	BHR	JRM	REFERENCE DRAWINGS

DSGN	JRM	DEC 2020
DRN	BRG	DEC 2020
CKD	BHR	FEB 2021
SCALE:		1"=40'
FOR 22x34 DWG ONLY		



KITKITAS PUD		JOB NUMBER	REV
BETTAS ROAD SUBSTATION		162484	A
OVERALL SITE PLAN		DRAWING NUMBER	C1-1

43/211

05/14/2021 05:09:35 PM V: 43 P: 211 202105140072
DAVID EVANS AND ASSOCIATES, INC.
KITTITAS COUNTY AUDITOR

30 FT UTILITY EASEMENT

A STRIP OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 19 NORTH, RANGE 17 EAST, WILLAMETTE MERIDIAN, KITTITAS COUNTY, WASHINGTON, AS SHOWN HEREON AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 15, AN ALUMINUM CAP BY PLS 18078, FROM WHICH THE WEST QUARTER CORNER OF SAID SECTION 15 BEARS N44°08'17"W A DISTANCE OF 3712.32 FEET; THENCE N31°40'51"W A DISTANCE OF 1600.14 FEET TO A 5/8 INCH REBAR BY PLS 36815; THENCE S72°43'53"E A DISTANCE OF 182.89 FEET TO A 5/8" REBAR BY PLS 46875 AND THE TRUE POINT OF BEGINNING;

THENCE S72°43'53"E A DISTANCE OF 31.29 FEET TO A 5/8" REBAR BY PLS 46875;

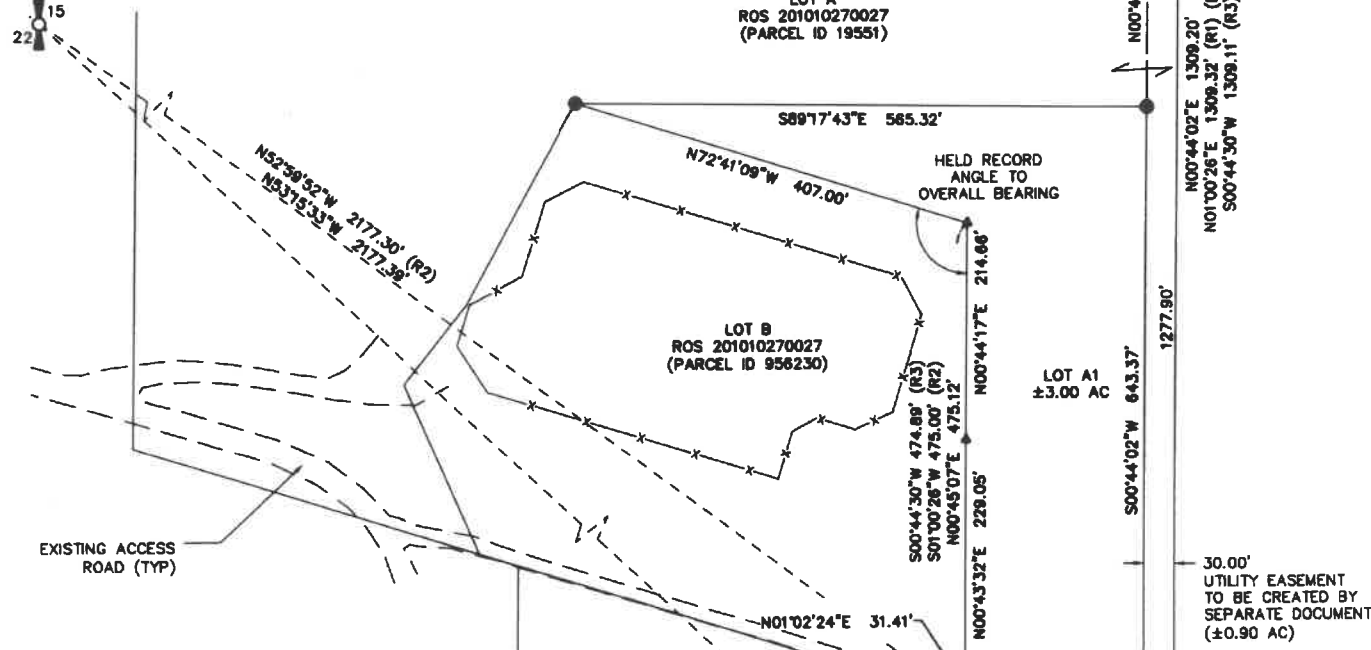
THENCE N00°44'02"E A DISTANCE OF 1309.20 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF BETTAS ROAD;

THENCE NORTHWESTERLY, ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, TO A POINT THAT BEARS N00°44'02"E FROM THE POINT OF BEGINNING;

THENCE S00°44'02"W A DISTANCE OF 1315.69 FEET TO THE POINT OF BEGINNING.

CONTAINING 0.90 ACRES, MORE OR LESS.

1/4 CORNER
FOUND ALUMINUM CAP
PLS 16915 PER R1, R2 & R3



NEW LOT A1

A PARCEL OF LAND LOCATED IN THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 19 NORTH, RANGE 17 EAST, WILLAMETTE MERIDIAN, KITTITAS COUNTY, WASHINGTON, AS SHOWN HEREON AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 15, AN ALUMINUM CAP BY PLS 18078, FROM WHICH THE WEST QUARTER CORNER OF SAID SECTION 15 BEARS N44°08'17"W A DISTANCE OF 3712.32 FEET; THENCE N31°40'51"W A DISTANCE OF 1600.14 FEET TO A 5/8 INCH REBAR BY PLS 36815 AND THE TRUE POINT OF BEGINNING;

THENCE N01°02'24"E A DISTANCE OF 31.41 FEET TO A 5/8 INCH REBAR BY PLS 36815;

THENCE N00°43'32"E A DISTANCE OF 229.05 FEET TO A 5/8 INCH REBAR BY PLS 36815;

THENCE N00°44'17"E A DISTANCE OF 214.66 FEET TO A 5/8 INCH REBAR BY PLS 36815;

THENCE N72°41'09"W A DISTANCE OF 407.00 FEET TO A 5/8 INCH REBAR BY PLS 46875;

THENCE S89°17'43"E A DISTANCE OF 565.24 FEET TO A 5/8 INCH REBAR BY PLS 46875;

THENCE S00°44'02"W A DISTANCE OF 643.37 FEET TO A 5/8 INCH REBAR BY PLS 46875;

THENCE N72°43'53"W A DISTANCE OF 182.89 FEET TO THE POINT OF BEGINNING.

CONTAINING 3.00 ACRES, MORE OR LESS.

RECORD OF SURVEY

SECTION 15, TOWNSHIP 19 NORTH, RANGE 17 EAST, W.M.
KITTITAS COUNTY, WASHINGTON

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS 14 DAY OF MAY 2021
AT 03:09 P.M. IN BOOK 43 OF SURVEYS AT
PAGE(S) 211 AT THE REQUEST OF DAVID EVANS AND ASSOCIATES.
KITTITAS COUNTY AUDITOR (DEPUTY) 202105140072
AUDITOR'S FILE NUMBER

LEGEND

- QUARTER CORNER (AS NOTED)
- FOUND BRASS CAP
- ▲ FOUND REBAR PLS 36815
- FOUND REBAR PLS 18078, OR AS NOTED
- SET 5/8" REBAR W/ CAP PLS 46875
- () RECORD DATA - SEE REFERENCES
- AFN AUDITORS FILE NUMBER
- X-X- FENCE LINE

REFERENCES

- R1 - RECORD OF SURVEY BY PLS 18078, RECORDED FEBRUARY 4TH, 2004, BOOK 29 OF SURVEYS, PAGE 242, AFN 200402040026
- R2 - RECORD OF SURVEY BY PLS 36815, RECORDED AUGUST 7, 2009, BOOK 36 OF SURVEYS, PAGE 140, AFN 200908070001
- R3 - RECORD OF SURVEY (BOUNDARY LINE ADJUSTMENT) BY PLS 33487, RECORDED OCTOBER 27, 2010, BOOK 37 OF SURVEYS, PAGE 74, AFN 201010270027

BASIS OF BEARINGS

BEARINGS SHOWN HEREON BASED ON GRID NORTH, WASHINGTON STATE PLANE, SOUTH ZONE, NAD83(2011) EPOCH: 2010.0000
CONVERGENCE ANGLE = -00°08'41" (46°51'36.54"N, 121°05'49.18"W)

SURVEYORS NOTES

- 1) PURPOSE OF SURVEY IS TO CREATE A LOT PURSUANT TO KITTITAS COUNTY CODE, TITLE 16.04.020 (8).

EQUIPMENT AND PROCEDURES

LEICA GS14 GPS RECEIVERS AND SINGLE BASE RTK METHODS WERE UTILIZED FOR THIS SURVEY. FIELD PROCEDURES WERE USED TO ENSURE MEASUREMENTS MEET OR EXCEED THE REQUIREMENTS OF WAC 332-130-190.

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 PUD #1 OF KITTITAS COUNTY IN APRIL 2021.

Gilbert C. Bailey DATE 5/10/2021

GILBERT C. BAILEY, REGISTERED PROFESSIONAL LAND SURVEYOR
WASHINGTON REGISTRATION NO. 46875



AUDITOR'S INDEX SECTION 15

SW 1/4	SE 1/4	SW 1/4	SE 1/4
SW 1/4	SE 1/4	SW 1/4	SE 1/4
SW 1/4	SE 1/4	SW 1/4	SE 1/4
SW 1/4	SE 1/4	SW 1/4	SE 1/4



DAVID EVANS AND ASSOCIATES INC.
908 N Howard, STE 300
Spokane Washington 99201
Phone: 509.252.5800

PROJECT: KCPU0000-0003
DRAWING NO: KCPU00000003-Bettas Road Substation ROS.dwg
SHEET 1 OF 1

1/4 CORNER
FOUND ALUMINUM CAP
PLS 18078 PER R1, R2 & R3