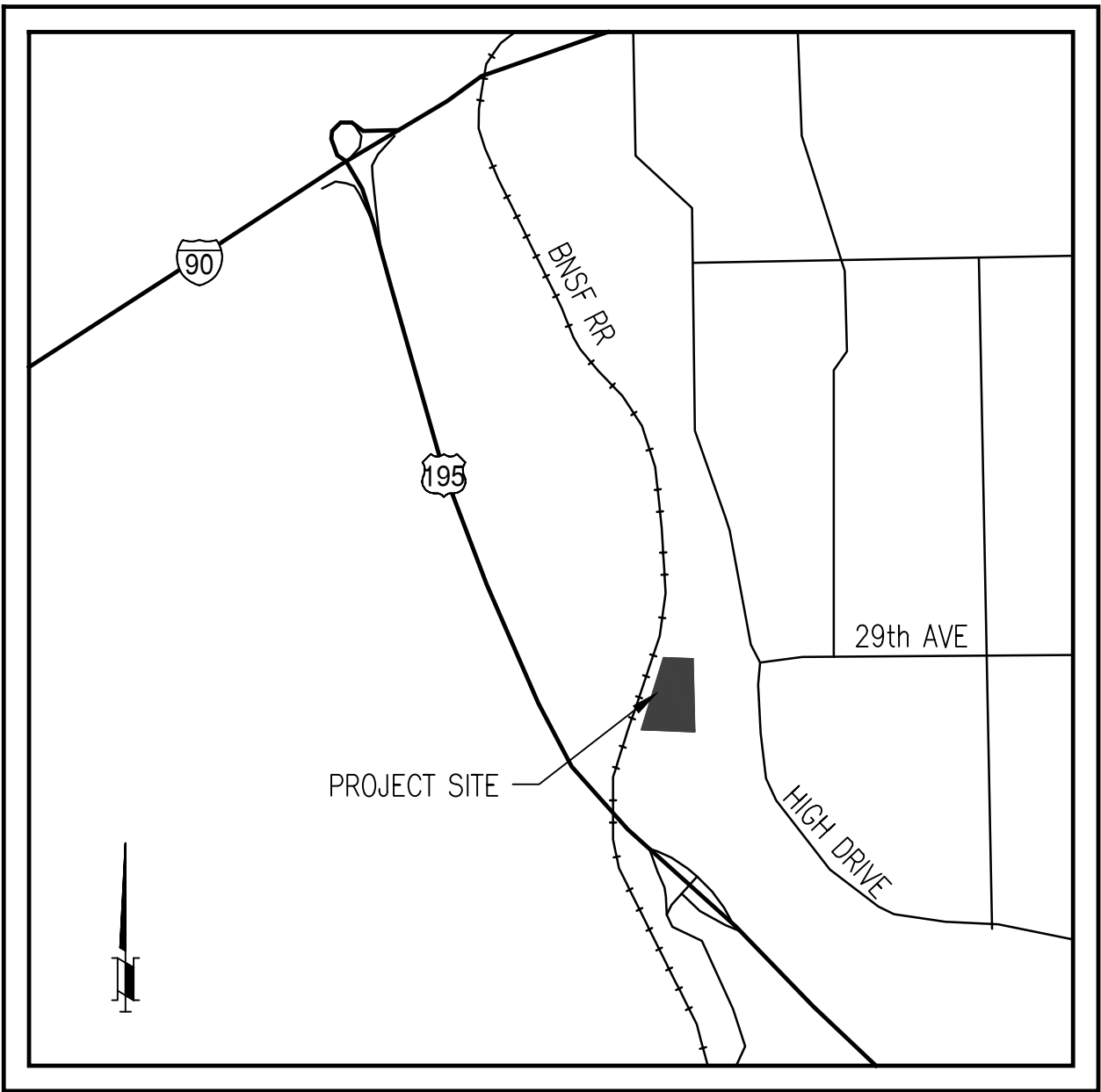
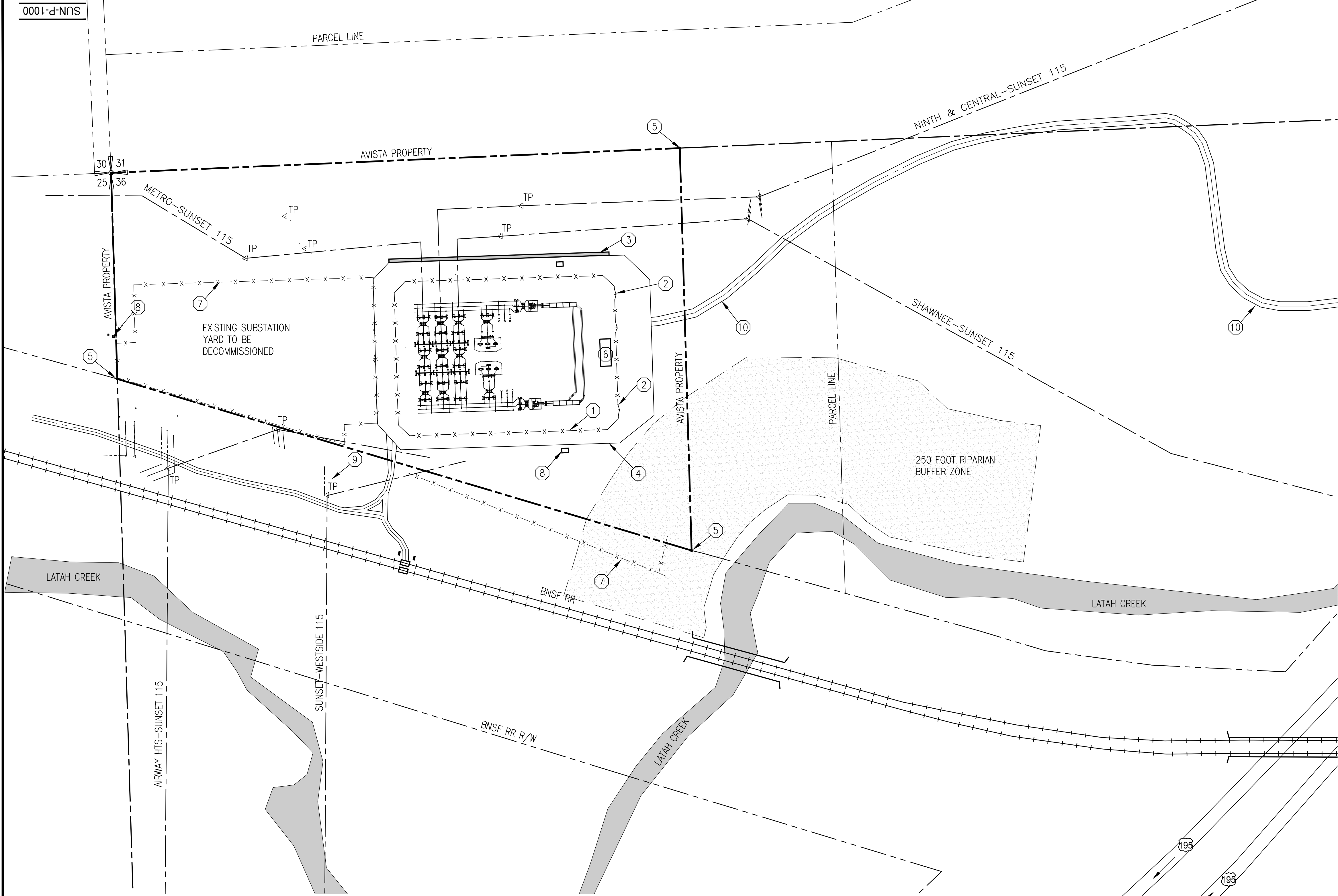




VICINITY MAP
SCALE: NONE

KEYNOTES

- 1 8' EXPANDED METAL FENCE W/ 3-STRANDS OF BARBED WIRE
- 2 20' DOUBLE SWING DRIVE GATE
- 3 6-FT HIGH RETAINING WALL
- 4 GRAVEL AREA BOUNDARY
- 5 PROPERTY CORNER
- 6 CONTROL ENCLOSURE
- 7 EXISTING FENCE
- 8 DISTRIBUTION VAULT
- 9 FIBER OPTIC VAULT
- 10 ACCESS ROAD BY EASEMENT

GENERAL CONSTRUCTION NOTES:

- THESE PLANS ARE FOR CONSTRUCTION OF THE SUBSTATION PAD AND GRADING. SEE AVISTA PLANS FOR DEVELOPMENT OF SUBSTATION EQUIPMENT AND STRUCTURES.
- OFFSETS MEASURED FROM PROPERTY CORNERS.
- CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL PER DEPARTMENT OF ECOLOGY, LOCAL CITY REQUIREMENTS AND THE STORM WATER POLLUTION PREVENTION (SWPP) PLAN REQUIREMENTS.
- ALL DISTURBED AREAS OUTSIDE THE GRAVEL PAD ARE TO BE SEEDED WITH A NATIVE GRASS MIX PER LANDSCAPE PLAN.

SITE DATA

ADDRESS: 3400 S. Inland Empire Way
Spokane, WA 99203
LEGAL DESCRIPTION: NE/4 Sec 36, T25N, R42E WM
PARCEL NUMBER: 25361.0015
ZONING: RESIDENTIAL AGRICUTURAL (RA)
FLOOD PLAIN: NONE
CODE EDITION: 2012 NATIONAL ELECTRIC SAFETY CODE
PROPERTY AREA: 13.73 ACRES
PROJECT AREA: 8 ACRES
IMPERVIOUS AREA: _____ SQ FT
TALLEST STRUCTURE: 36-FT STEEL A-FRAME

LEGEND

- DP DISTRIBUTION POLE
- CP COMMUNICATION POLE
- TP TRANSMISSION POLE
- FH FIRE HYDRANT
- TBM TEMP BENCH MARK
- SECTION QUARTER CORNER
- GUY ANCHOR
- 6-FT CHAIN LINK FENCE
- 7-FT SUBSTATION FENCE

PRELIMINARY

10-15-2019



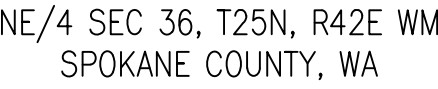
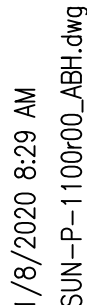
Know what's below.
Call before you dig.

115 kV SUBSTATION
SUNSET - SPOKANE, WA
SITE PLAN

AVISTA CORP
SPOKANE, WASHINGTON

1"=100'		APPROVED	
SCALE	DATE		
DESIGN	CHECKED		
DRAWN	NOTED		
CHECKED	NOTED		
		DATE	
		SHT 1 OF	SUN-P-1000

A	1-8-2020	CUP PERMIT			
NO	DATE	REVISION	BY	CKD	AS BUILT



GRADING AREA: 10 ACRES
EXCAVATION VOLUME: 22,000± CY
EXCAVATION DEPTH: 3 FT MAX
FILL VOLUME: 60,000± CY
FILL DEPTH: 6 FT MAX

1. SUBSTATION PAD AND AREAS OF FILL: GRUB AND STRIP ALL ORGANIC MATERIAL UNTIL UNDISTURBED NATIVE MATERIAL IS REACHED (12" +/-). STOCKPILE THE NATIVE TOPSOIL FOR USE ON SLOPES. TOPSOIL TO BE FREE OF ROOTS, WOODY ORGANIC MATTER, AND MAN-MADE DEBRIS. MAXIMUM DEPTH OF STOCKPILE TO BE 5 FEET ABOVE EXISTING GROUND. BACKFILL WITH APPROVED FILL, SEE GRADING SPECIFICATION.
2. CONTOURS AND SPOT ELEVATIONS SHOW FINAL GRADED ELEVATIONS. BLEND SIDE SLOPES TO EXISTING GROUND ELEVATION AT GRADING CORNERS. ALL CUTS AND FILLS SHALL BE SLOPED 1V:2.5H MAXIMUM UNLESS NOTED OTHERWISE ON GRADING PLAN.
3. BASIS OF VERTICAL CONTROL: TEMPORARY BENCH MARK SET AS PART OF AVISTA SURVEY - ELEVATION = 635.00 FT (NAVD 88)
4. EXCAVATION SPOILS TO BE REMOVED AND DISPOSED OFF SITE IN A LEGAL MANNER.
5. SEE SPECIFICATIONS FOR FILL MATERIAL REQUIREMENTS.
6. NATIVE SOILS AT FILL AREAS SHALL BE SCARIFIED AND ALLOWED TO DRY PRIOR TO COMPACTION. FILL AREA TO BE PROOF COMPACTED TO 95% ASTM D-1557 PRIOR TO PLACING FILL PER THE GEOTECHNICAL REPORT.
7. FILL SHALL BE PLACED IN NOT MORE THAN 8 INCH UNCOMPACTED LIFTS AND BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY (MODIFIED PROCTOR). ALL CRUSHED ROCK ACCESS ROAD SURFACES SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY.
8. ALL COMPACTION SHALL BE DONE BY MECHANICAL MEANS.
9. CONTRACTOR SHALL CALL UTILITY LOCATE SERVICE PRIOR TO START OF CONSTRUCTION.

	HUB		AVISTA HUB & TACK
	DP		DISTRIBUTION POLE
	TP		TRANSMISSION POLE
			PROPERTY PIN
			NGS MONUMENT
			PHONE PEDESTAL
			GUY ANCHOR

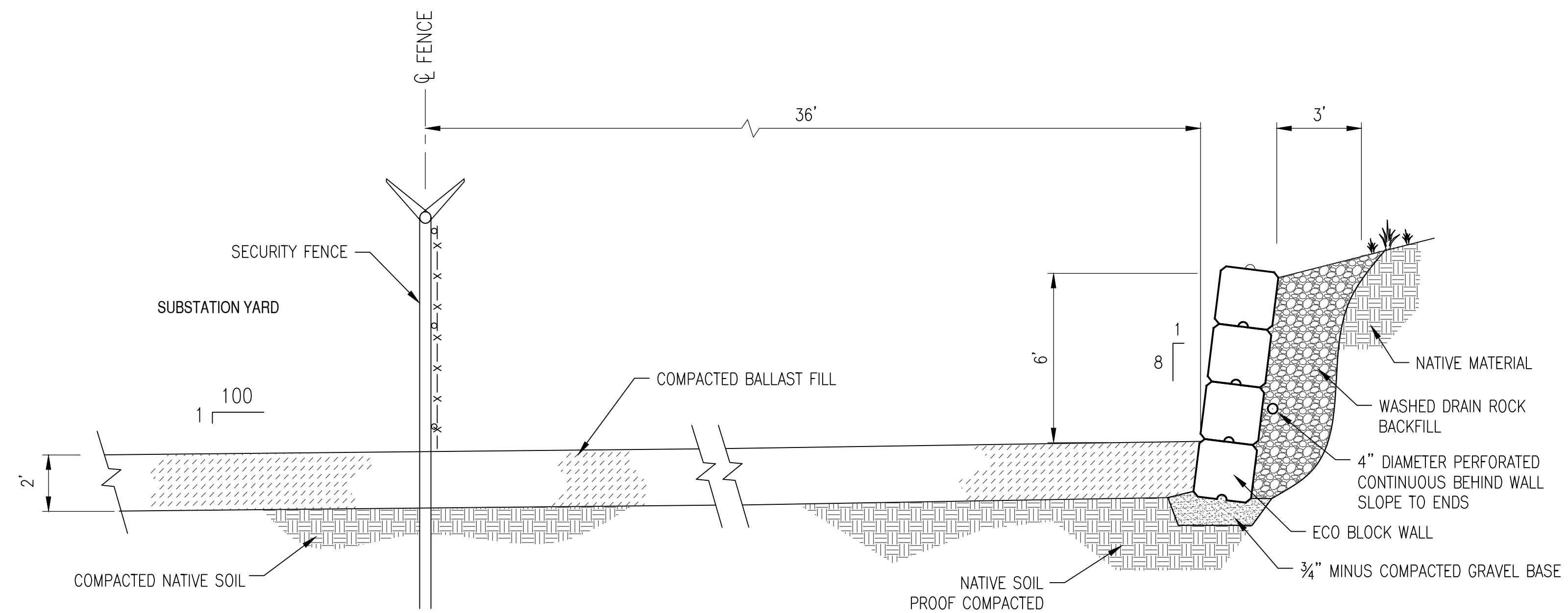
- EXISTING 1' CONTOURS
 _____ NEW 1' GRADED CONTOURS
 ----- EXISTING 5' CONTOURS
 _____ NEW 5' GRADED CONTOURS
 -x-x-x-x- SECURITY FENCE

10-15-2019

115 kV SUBSTATION SUNSET - SPOKANE, WA GRADING PLAN

AVISTA CORP
SPOKANE, WASHINGTON

A	1-8-2020	CUP PERMIT				DRAWN _____	NOTED _____	DATE _____
NO	DATE	REVISION	BY	CKD	AS BUILT	CHECKED _____	NOTED _____	SHT _____ OF _____ SUN-P-1100



SECTION AA
SCALE: 1"=40'

SCALE: 1"=40'



Know what's **below**.
Call before you dig.

PRELIMINARY

10-15-2019

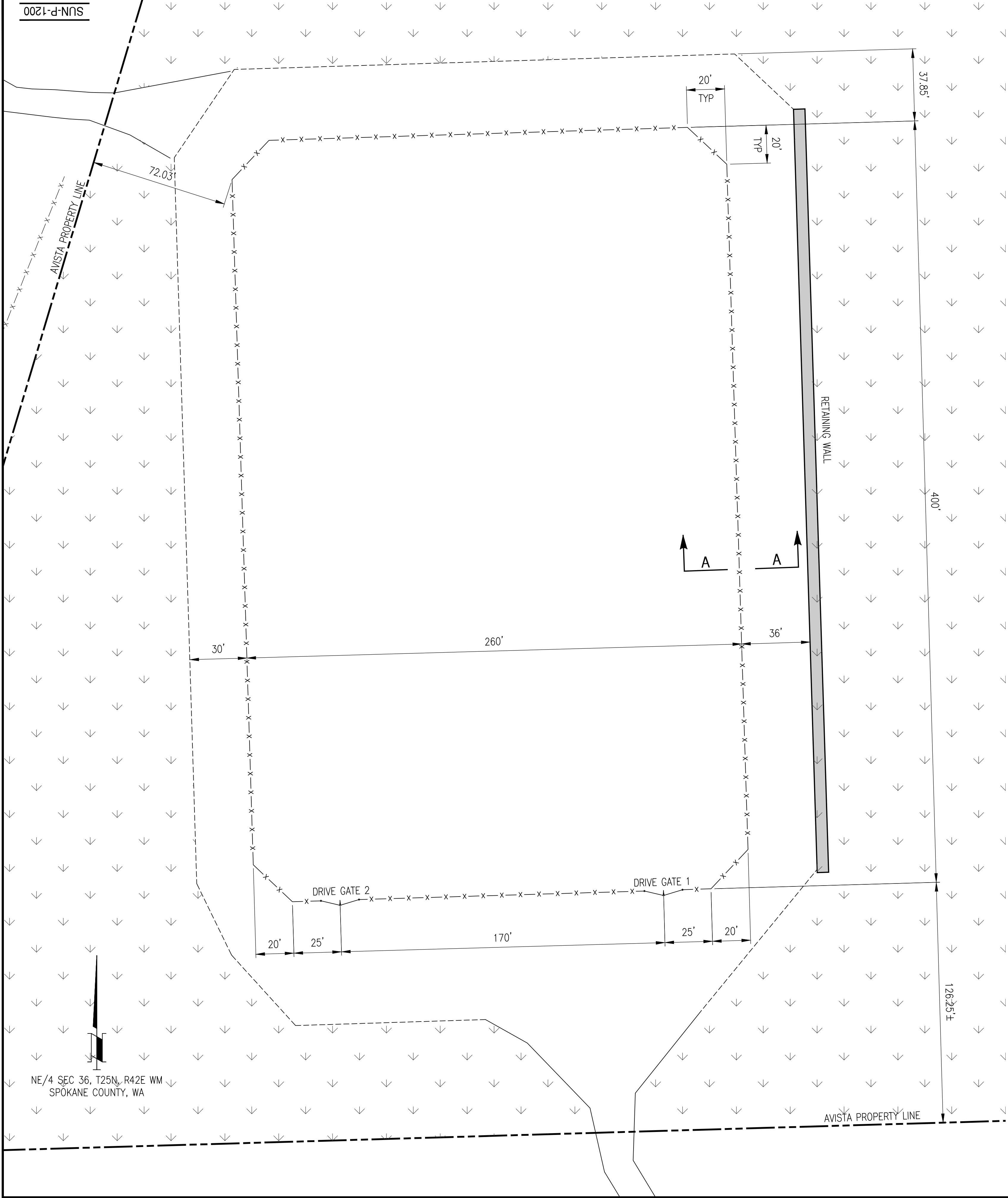
115 kV SUBSTATION SUNSET - SPOKANE, WA GRADING DETAILS

AVISTA CORP
SPOKANE, WASHINGTON

AS NOTED		10-26-19		APPROVED	
SCALE		DATE			
DESIGN HENSON		CHECKED		DATE	
DRAWN		NOTED		SUN-P-1150	
CHECKED		NOTED		SHT ____ OF ____	

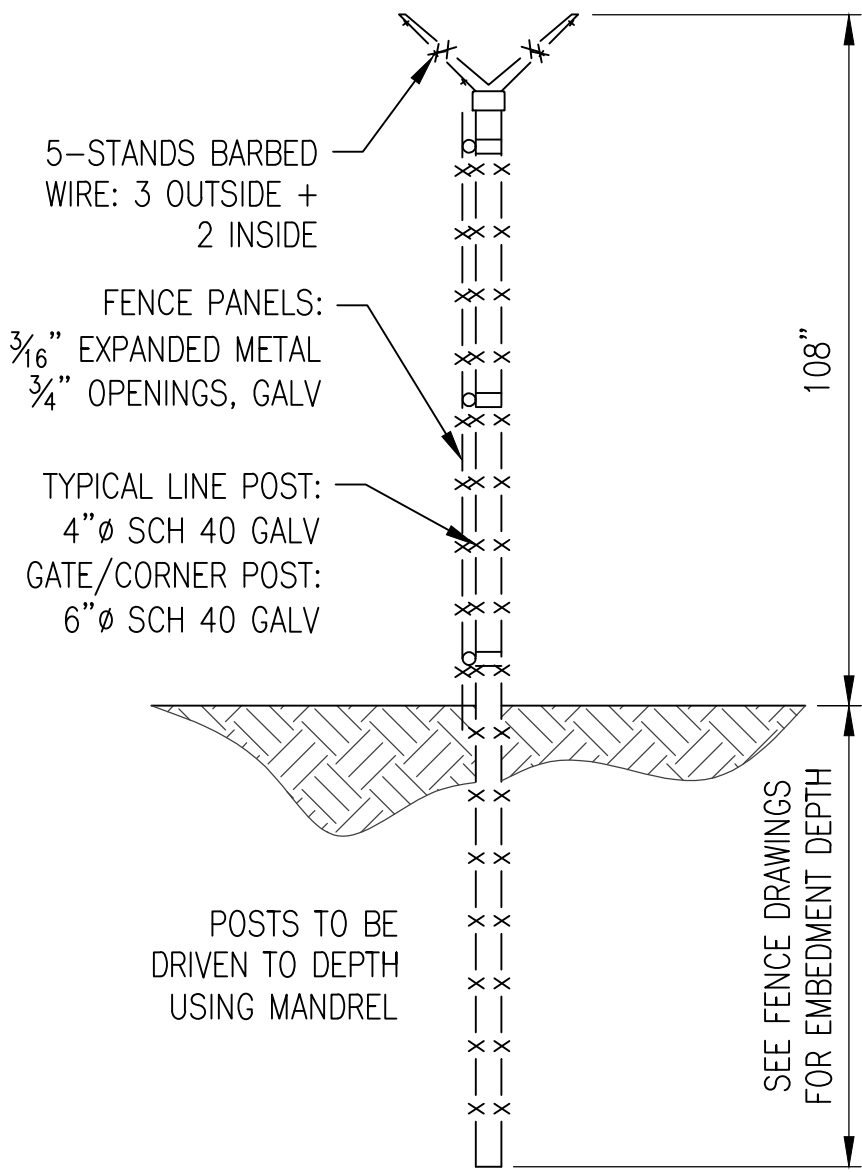
A	1-8-2020	CUP PERMIT			
NO	DATE	REVISION	BY	CKD	AS B

1/8/2020 8:31 AM
SUN-P-1200-00.ABH.dwg



SUN-P-1200

NE/4 SEC 36, T25N, R42E WM
SPOKANE COUNTY, WA



A TYPICAL FENCE SECTION
SCALE: NONE

- LEGEND**
- HUB
 - DP
 - TP
 -
 - NGS MONUMENT
 - PHONE PEDESTAL
 - GUY ANCHOR

- EXISTING 1' CONTOURS
- NEW 1' GRADED CONTOURS
- EXISTING 5' CONTOURS
- NEW 5' GRADED CONTOURS
- SECURITY FENCE

PRELIMINARY
10-15-2019

FENCE DATA

BETAFENCE GUARDIAN 5000

- PANELS: 108-INCH HIGH MINILOUVER 75 EXPANDED METAL WITH HOT DIPPED GALVANIZED FINISH AND TOPPED WITH 5 STRANDS OF GALVANIZED BARBED WIRE ON V-BRACKETS.
- POSTS: 4-INCH MANDREL-DRIVEN GALVANIZED POSTS. EMBEDMENT PER FENCE DESIGNER AND GEOTECHNICAL REPORT.
- GATES: GATES TO HAVE MINILOUVER 75 MATERIAL WITH FROST FREE LATCH. DRIVE GATES TO BE FITTED WITH PNEUMATIC RAM FOR SAFE OPERATION.
- POSTS AND PANELS TO BE TREATED WITH STAIN PRIOR TO INSTALLATION.

QUANTITIES

PANELS	1,230 FEET
DRIVE GATE	2 @ 20 FEET

SITE INFORMATION

ADDRESS: 3400 S. Inland Empire Way
SPOKANE, WA 99203
LEGAL DESCRIPTION: NE/4 Sec 36, T25N, R42E WM
SPOKANE COUNTY

**115 kV SUBSTATION
SUNSET - SPOKANE, WA
PERIMETER SECURITY PLAN**

AVISTA CORP
SPOKANE, WASHINGTON

1"=30'	DATE	APPROVED
SCALE	DATE	
DESIGN	CHECKED	DATE
DRAWN	NOTED	DATE
CHECKED	NOTED	SHT OF SUN-P-1200

A	1-8-2020	CUP PERMIT	BY	CKD	AS BUILT
NO	DATE	REVISION	BY	CKD	AS BUILT

SEC 18, T25N, R45WWM
SPOKANE VALLEY, WA

PLANT LIST				
QTY	CODE	SCIENTIFIC NAME	COMMON NAME	PLANTING SIZE
30	PIPO	Pinus ponderosa	PONDEROSA PINE	SEEDLING
10	PSMEG	Pseudotsuga menziesii	DOUGLAS-FIR	SEEDLING
23	JUSC2	Juniperus scopulorum	ROCKY MT JUNIPER	SEEDLING
21	CRD02	Crataegus douglasii	DOUGLAS HAWTHORN	1 GAL
52	AMALA	Amelanchier alnifolia	SERVICEBERRY	1 GAL
66	SYAL	Symphoricarpus albus	SNOWBERRY	1 GAL
200k			DRYLAND GRASS MIX	HYDROSEED

PLANT SYMBOL KEY				
EXISTING DECIDUOUS	EXISTING EVERGREEN	EXISTING SHRUB	GRASS	PIPO
PSMEG	JUSC2	CRD02	AMALA	SYAL

DRY-LAND GRASS MIX		
Idaho fescue	Festuca idahoensis	25%
Sandberg's bluegrass	Poa Sandbergii	15%
Bluebunch wheatgrass	Pseudoroegneria spicata	15%
Prairie junegrass	Koeleria macrantha	15%
Streambank wheatgrass	Elymus lanceolatus	15%
Arrowleaf balsamroot	Balsamorhiza sagittata	7%
Western Yarrow	Achillea millefolium	1%
Silky lupine	Lupinus sp.	4%

HYDROSEED at 40 POUNDS PER ACRE

PLAN NOTES:

- EXISTING TREES SHOWN ON THIS PLAN SHALL BE PRESERVED AS PART OF THE PROJECT LANDSCAPE PLAN.
- ALL PLANTINGS, PRESENT AND FUTURE STATES, SHALL MAINTAIN 40 FOOT CLEARANCE FROM ANY OVERHEAD ELECTRIC LINE.
- ALL AVISTA SUBSTATION ARE ON AN ANNUAL WEED CONTROL PLAN. EACH SUBSTATION IS VISITED AT LEAST ONCE DURING THE YEAR AND SPRAYED TO PREVENT THE GROWTH OF PANTS IN THE GRAVEL AREAS AND NOXIOUS WEEDS IN THE REMAINDER OF THE PROPERTY.

GENERAL LANDSCAPE NOTES:

- CONTRACTOR SHALL CALL FOR UTILITY LOCATES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL FOLLOW THE PLANTING DETAILS FOR ALL PLANTS IN THIS CONTRACT.
- BACKFILL AROUND ROOT BALL WITH AN APPROVED SOIL MIXTURE SUITABLE FOR THE GIVEN PLANT.
- CONTRACTOR SHALL PROVIDE A 3" LAYER OF ORGANIC MULCH AT THE BASE OF EACH TREE EXTENDING 18 INCHES RADIALY FROM TRUNK OR THE DIAMETER OF THE HOLE, WHICH EVER IS GREATER.
- CONTRACTOR SHALL PROVIDE WATER TO ALL NEW PLANTS AS NECESSARY TO ENSURE THE PLANTS SURVIVAL FOR ONE YEAR AFTER PLANTING.



Know what's below.
Call before you dig.

PRELIMINARY

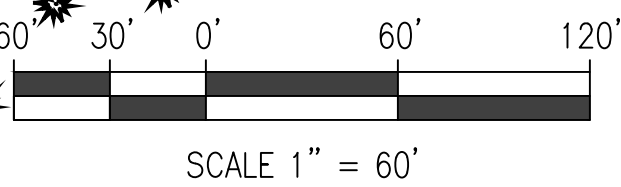
10-15-2019

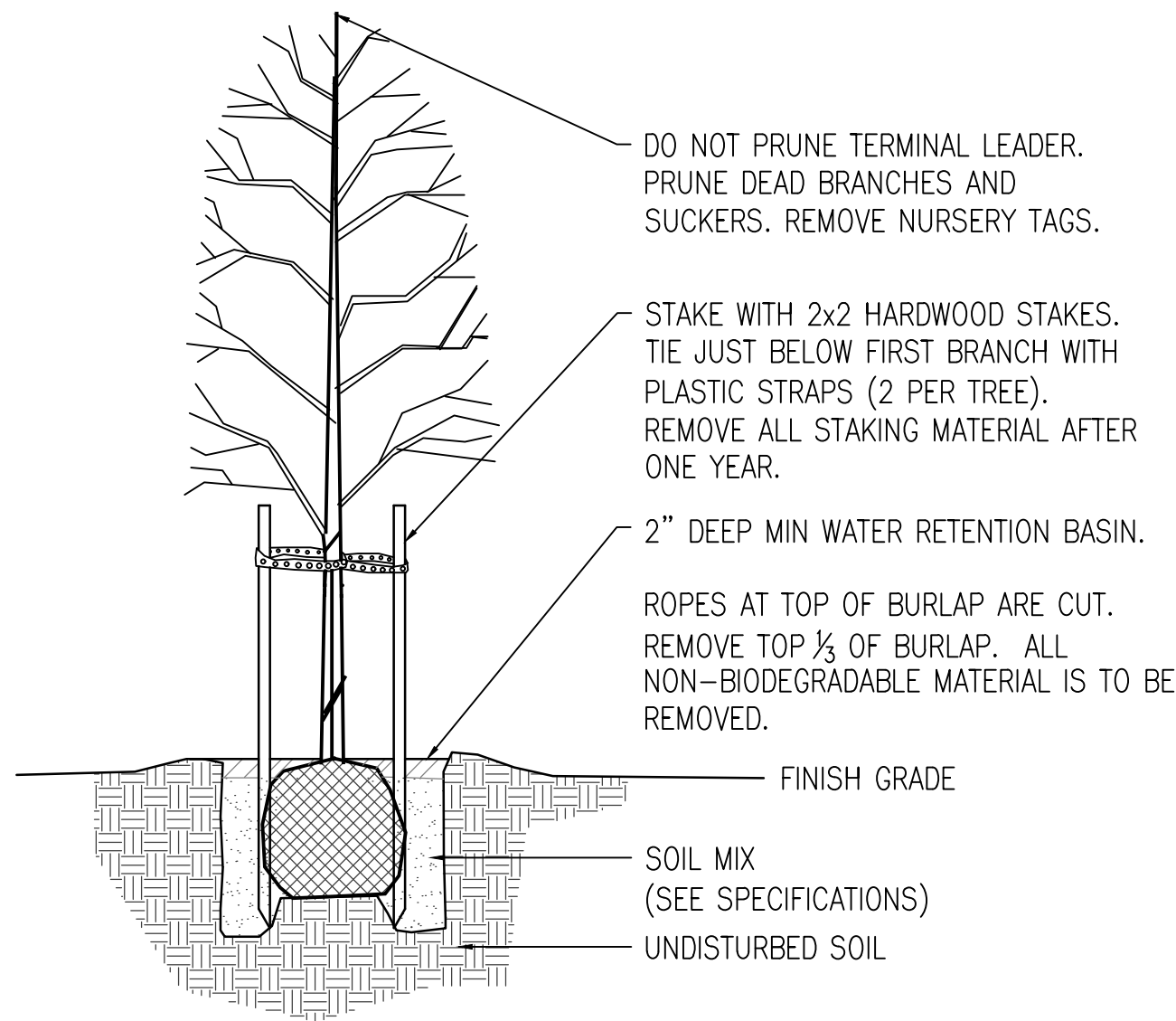
115KV SUBSTATION
SUNSET - SPOKANE
LANDSCAPE PLAN

AVISTA CORP
SPOKANE, WASHINGTON

1"=60'	SCALE	DATE	APPROVED
DESIGN ABH	CHECKED	DATE	
DRAWN HENSON	NOTED	DATE	
CHECKED	NOTED	SHT OF	P-1300

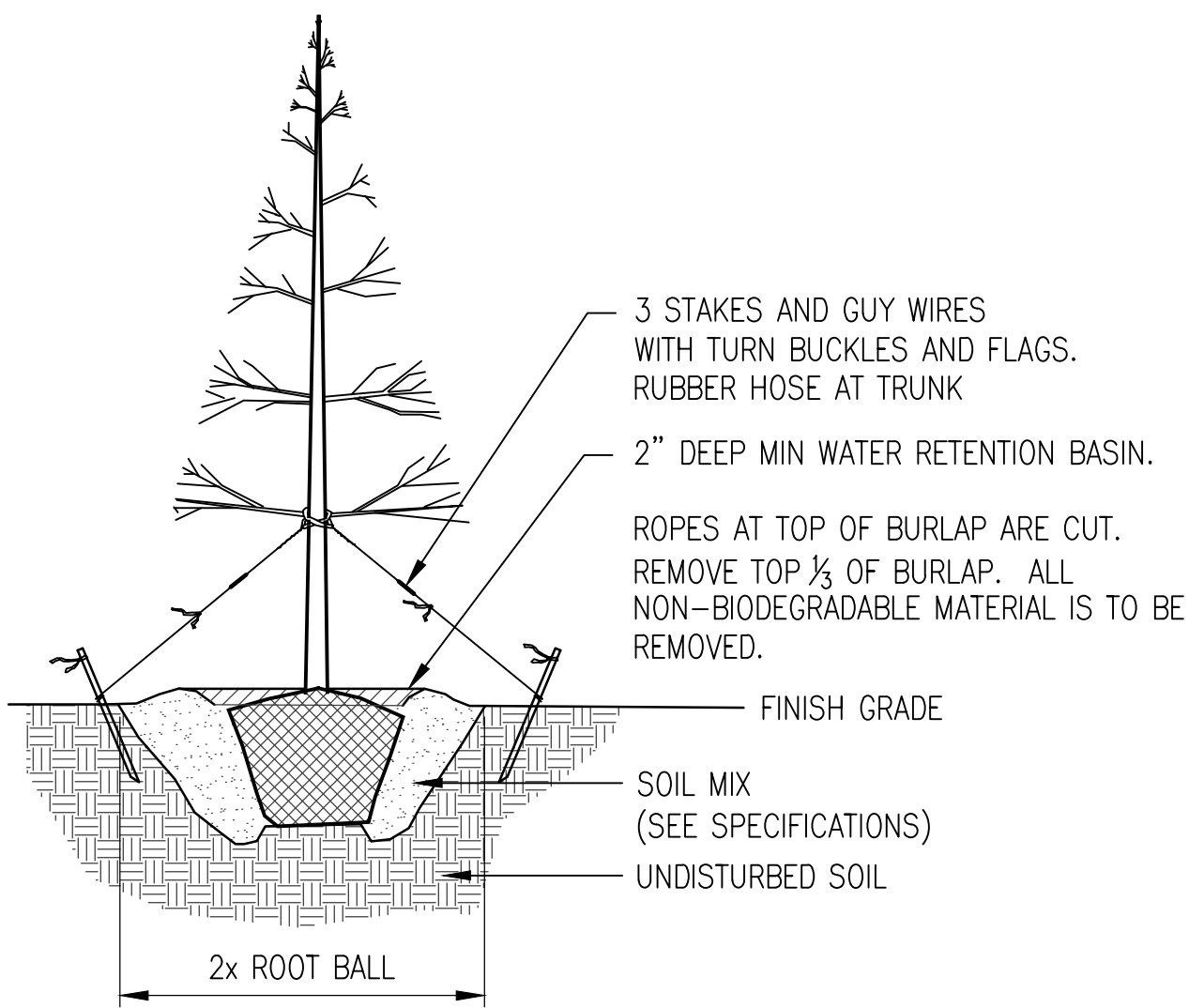
A	1-8-2020	CUP PERMIT				
NO	DATE	REVISION	BY	CKD	AS BUILT	





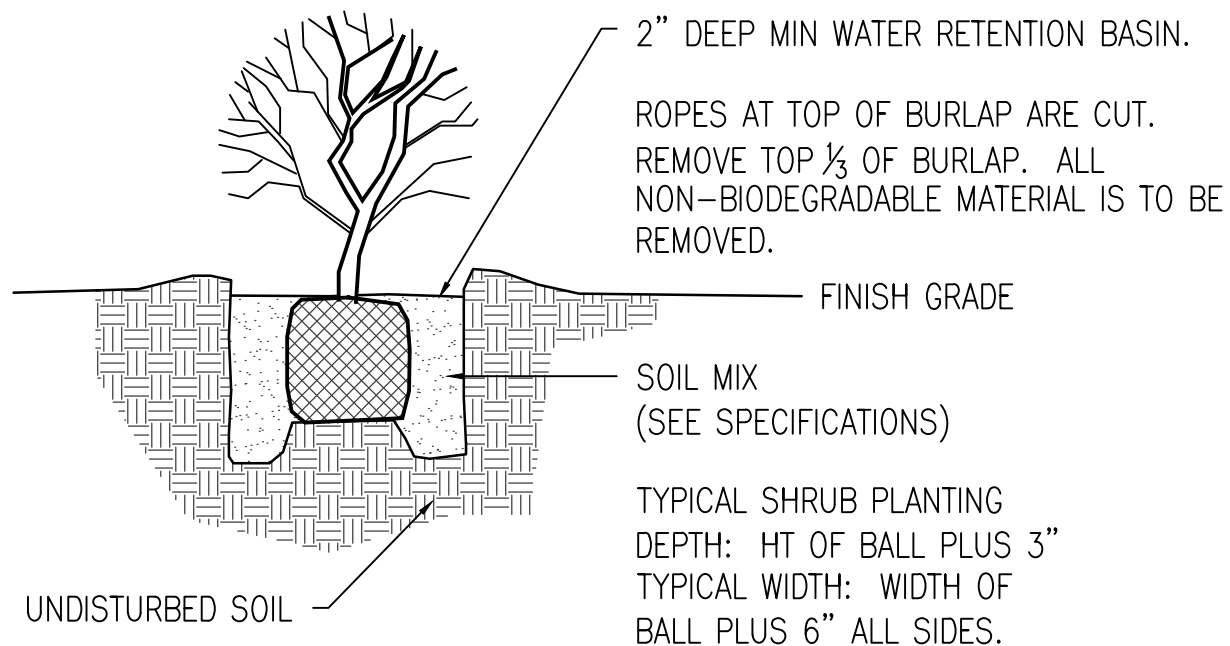
DECIDUOUS TREE PLANTING DETAIL

SCALE: NONE



EVERGREEN TREE PLANTING DETAIL

SCALE: NONE



SHRUB PLANTING DETAIL

SCALE: NONE



Know what's below.
Call before you dig.

PRELIMINARY

10-15-2019

115 kV SUBSTATION
SUNSET - SPOKANE, WA
LANDSCAPE DETAILS

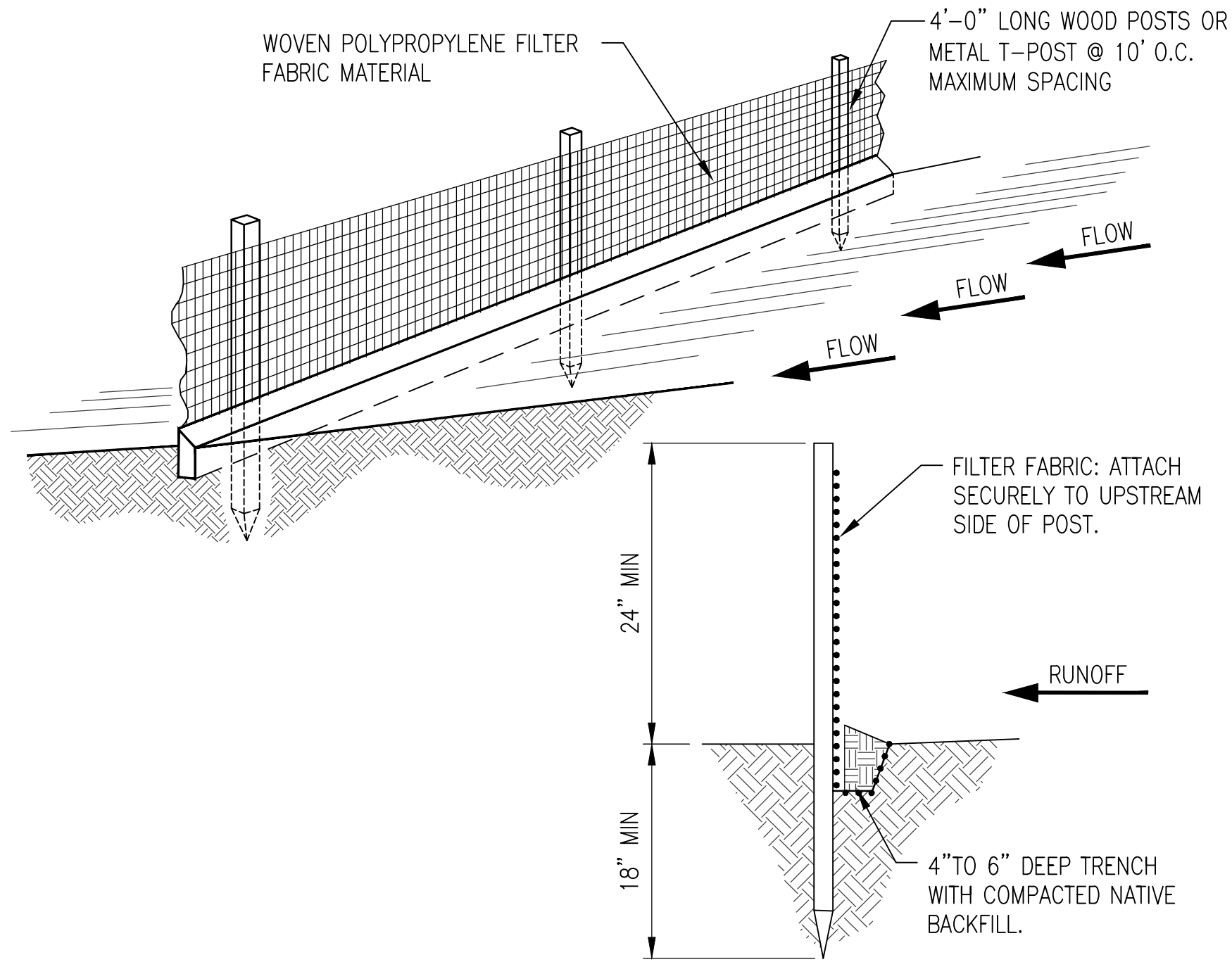
AVISTA CORP
SPOKANE, WASHINGTON

AS NOTED	10-26-19
SCALE	DATE
DESIGN HENSON	CHECKED
DRAWN	NOTED
CHECKED	NOTED

APPROVED
DATE
SHT OF SUN-P-1350

A	1-8-2020	CUP PERMIT	BY	CKD	AS BUILT
NO	DATE	REVISION	BY	CKD	AS BUILT

SEC 18, T25N, R45WWM
SPOKANE VALLEY, WA



MAINTENANCE STANDARDS:

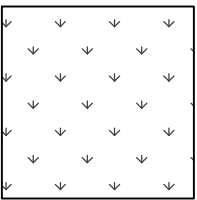
1. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT POND.
3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
4. SEDIMENT DEPOSITS SHALL EITHER BE REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-THIRD THE HEIGHT OF THE SILT FENCE, OR A SECOND SILT FENCE SHALL BE INSTALLED.
5. IF THE FILTER FABRIC IS DAMAGED OR DETERIORATED, IT SHALL BE REPLACED IMMEDIATELY.

SILT FENCE

NOT TO SCALE

NOTES

1. SILT FENCE TO BE INSTALLED PRIOR TO GROUND DISTURBANCE AND MAINTAINED UNTIL SITE IS STABILIZED AND GROUND DISTURBANCE IS COMPLETE.DRYLAND GRASS MIXTURE
2. PLANTED IN FALL OF THE YEAR FOR BEST CHANCE OF NATURAL ESTABLISHMENT.



PRELIMINARY

10-15-2019

115KV SUBSTATION
SUNSET - SPOKANE
EROSION CONTROL PLAN

AVISTA CORP
SPOKANE, WASHINGTON

1"=60'

SCALE

APPROVED

DATE

DESIGN ABH

CHECKED

DRAWN HENSON

NOTED

DATE

SHT OF

P-1500

A 1-8-2020

CUP PERMIT

NO DATE

REVISION

BY

CKD

AS BUILT



Know what's below.
Call before you dig.