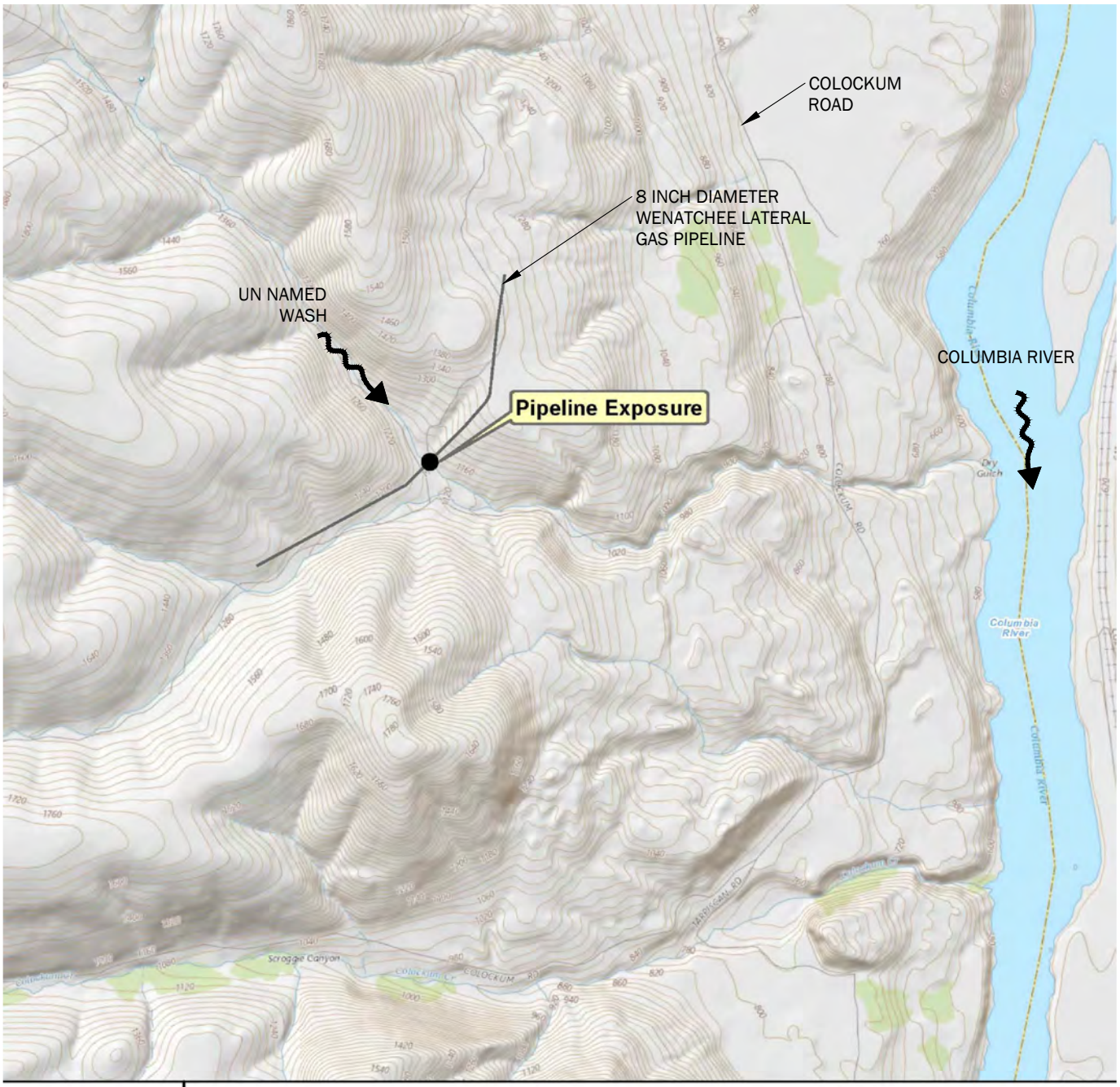


Data Source:
Mapbox Open Street Map, 2016

0 1,000 2,000
SCALE IN FEET

Sheet	Title
1	Vicinity Map
2	Existing Conditions
3	Existing Conditions Photos
4	Proposed Conditions
5	Proposed Stream Profile and Section
6	Proposed Retaining Wall Profile and Section
7	Details
8	Details

Vicinity Map

Applicant: Williams Northwest Pipeline

Reference Number:

Adjacent Property Owners:

1. Columbia River Ranch LLC.
   Parcel Numbers:
   212218140000, 212218140000, 212217000050, 212113000000, 212207000000, 212219000050

Location: From Wenatchee, travel South on the Malaga Alcoa Highway (Colockum Rd.) approximately 14 miles till the unmarked gravel access road is reached on the West (Dry Gulch Rd). Obtain access to the gated entrance and travel West approximately 1.5 miles till the site is reached.

Lat/Long: 47.314722°N, -120.118056°W

Datum: WA State Plane North
Horizontal=NAD83
Vertical=NAVD 88

Sheet: 1 of 8 **Date:** 11/8/2018

Proposed Project:
Wenatchee Lateral-MP 131

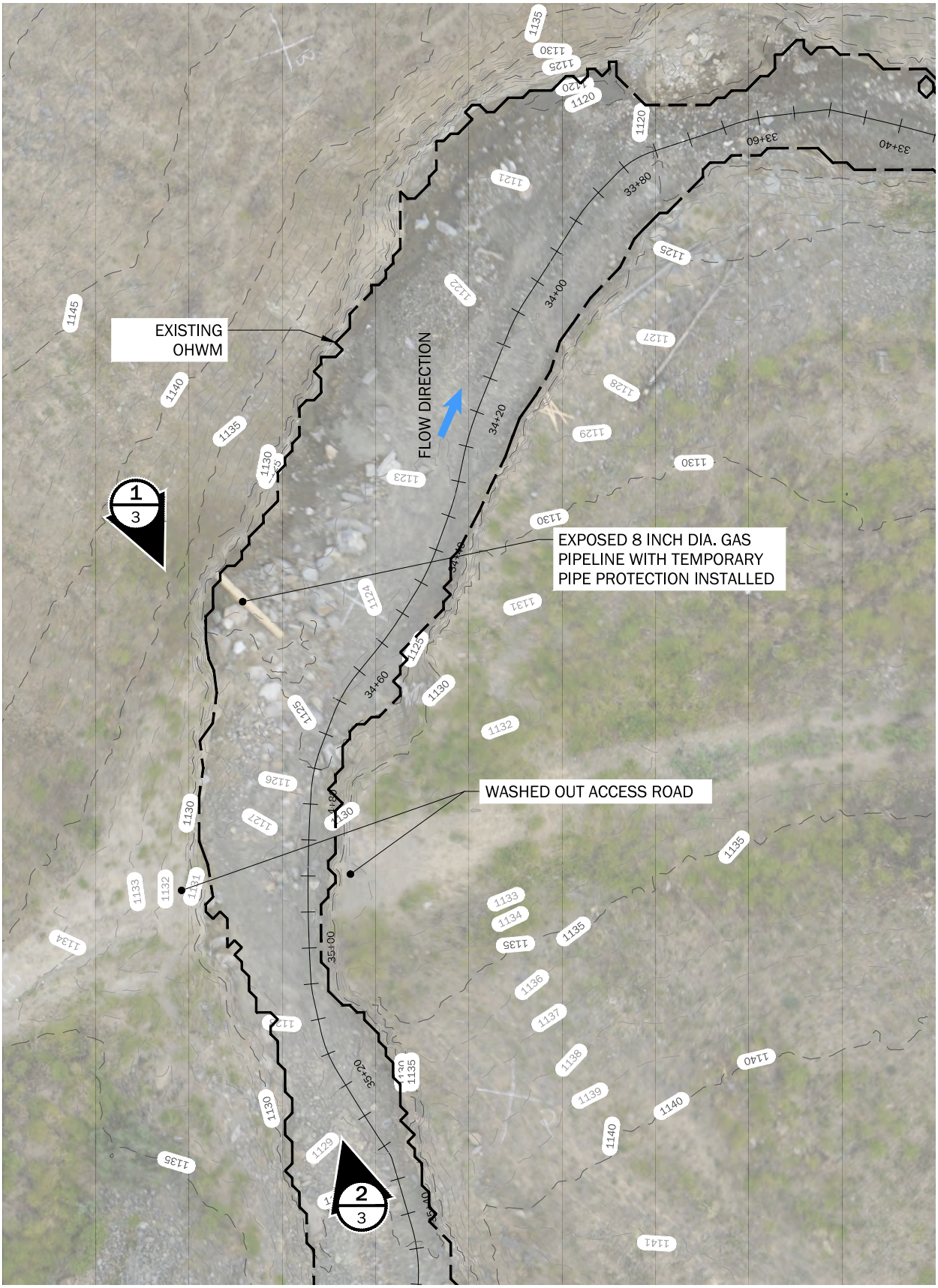
In: Unnamed Wash

Near/At: Wenatchee

County: Chelan

State: WA

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\816915501_JARPA_S01_Vicinity Map.dwg TAB:S01 Date Exported: 11/12/18 - 16:51 by esmiller



0 10 20
SCALE IN FEET

Existing Conditions

Applicant: Williams Northwest Pipeline

Reference Number:

Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Sheet: 2 of 8 Date: 11/8/2018

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\8169155501_JARPA_S02_Existing Conditions.dwg TAB:S02 Date Exported: 11/12/18 - 16:52 by esmiller

PHOTO 1
LOOKING UPSTREAM AT CROSSING -

SCALE: NOT TO SCALE -

PHOTO 2
LOOKING DOWNSTREAM AT CROSSING -

SCALE: NOT TO SCALE -

Applicant: Williams Northwest Pipeline

Reference Number:

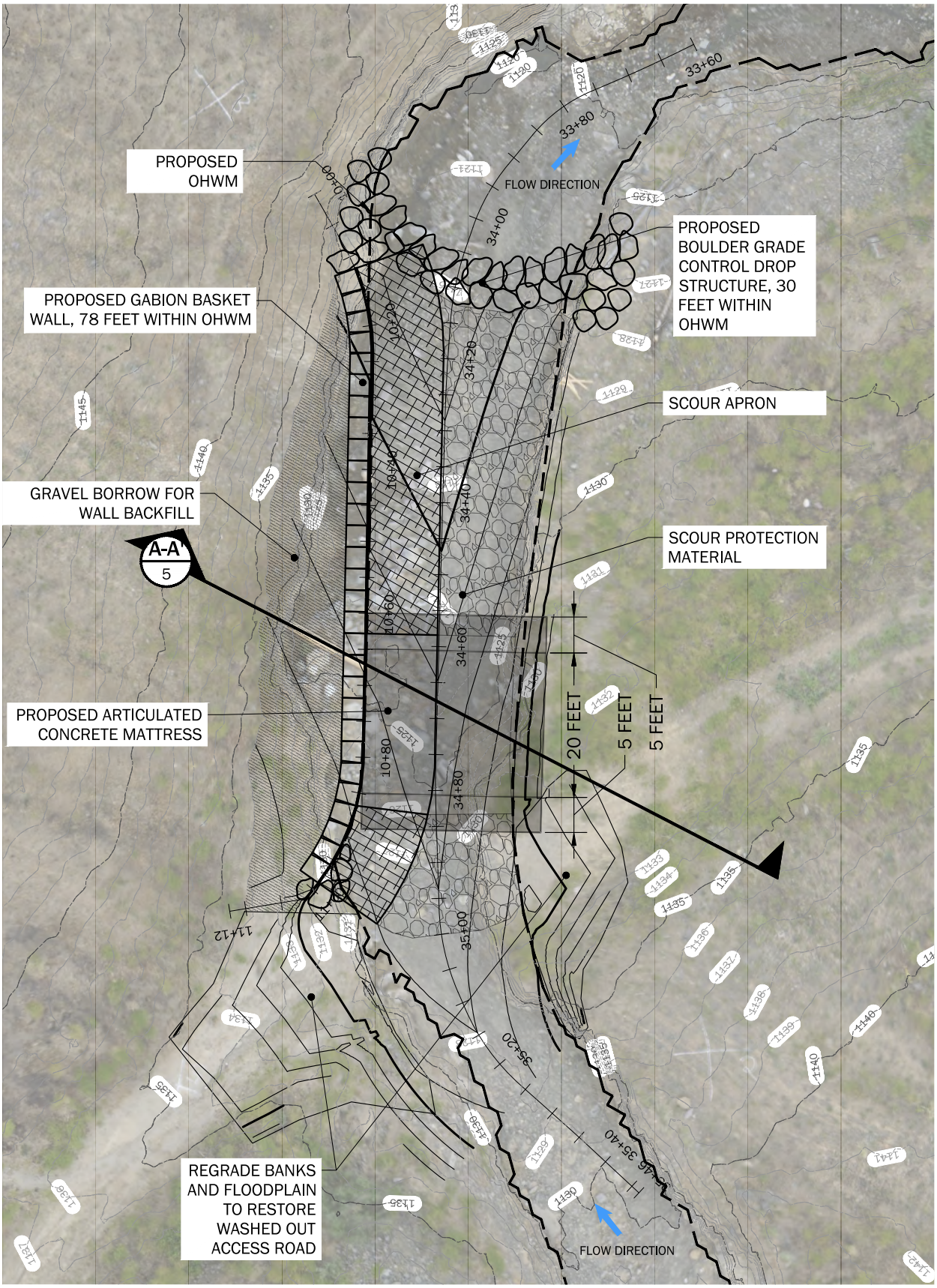
Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Existing Conditions Photos

Sheet: 3 of 8 Date: 11/8/2018

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\816915501_JARPA_S03_Existing Photos.dwg TAB:S03 Date Exported: 11/12/18 - 16:52 by esmiller



EXCAVATION AND FILL QUANTITIES		
LOCATION	EXCAVATE (CY)	FILL (CY)
WITHIN OHW	144	416
OUTSIDE OHW	81	63

0 10 20
SCALE IN FEET

Proposed Conditions

Applicant: Williams Northwest Pipeline

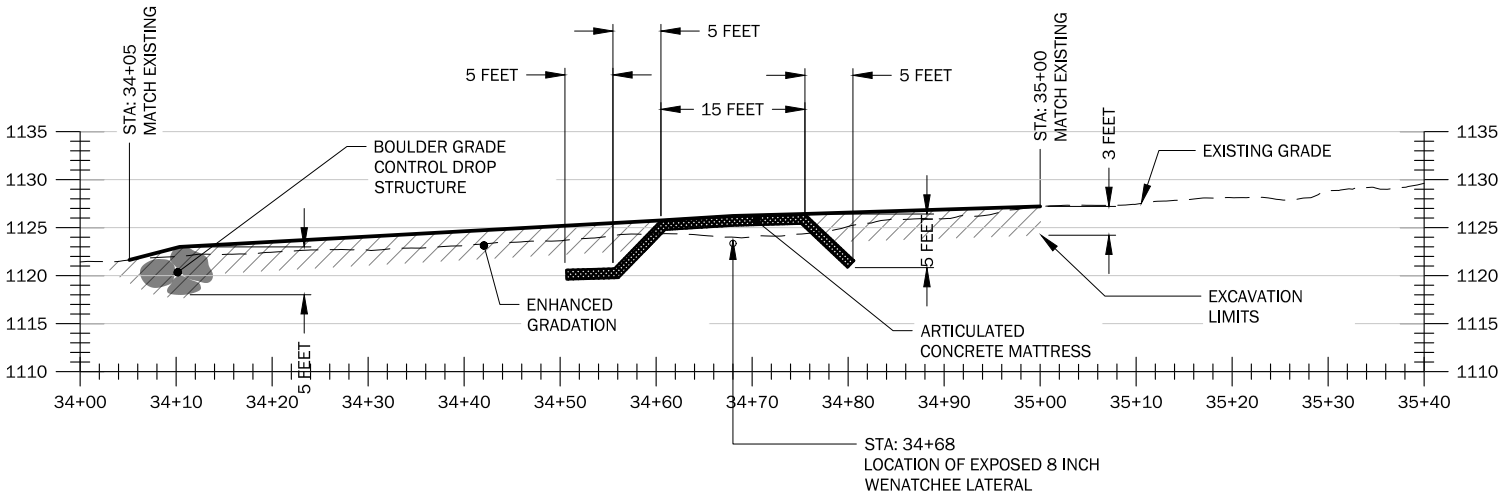
Reference Number:

Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Sheet: 4 of 8 Date: 11/8/2018

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\816915501_JARPA_S04_Proposed Conditions.dwg TAB:S04 Date Exported: 11/12/18 - 16:53 by esmiller

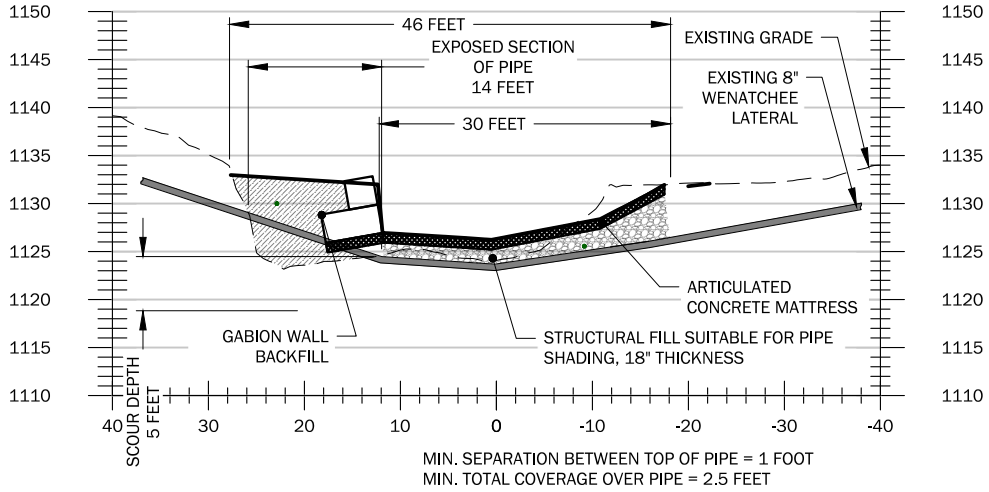


STREAM PROFILE

SCALE: 1 INCH = 15 FEET

0 10 20
SCALE IN FEET

--
1



PIPELINE SECTION
STA: 34+65

SCALE: 1 INCH = 15 FEET

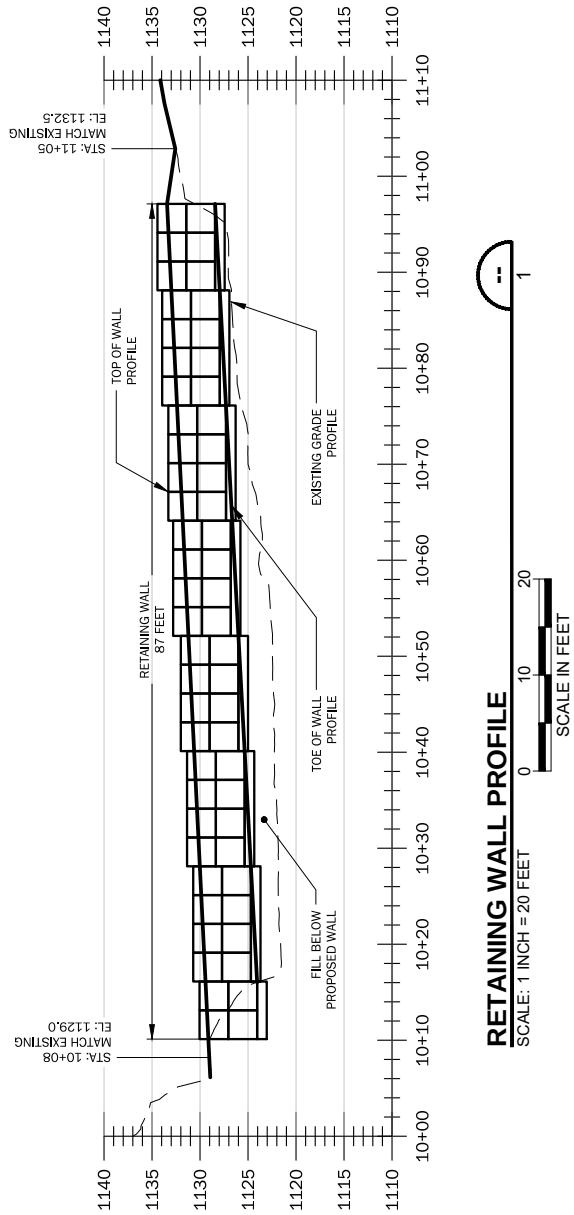
0 10 20
SCALE IN FEET

A-A'
1

ENHANCED GRADATION	
PERCENT PASSING	PARTICLE DIAMETER (INCHES)
D100	30
D84	28
D50	16
D16	5

Proposed Stream Profile and Section

Applicant: Williams Northwest Pipeline
Reference Number:
Proposed Project:
Wenatchee Lateral-MP 131
Location: See Sheet 1
Sheet: 5 of 8 Date: 11/8/2018



Applicant: Williams Northwest Pipeline

Reference Number:

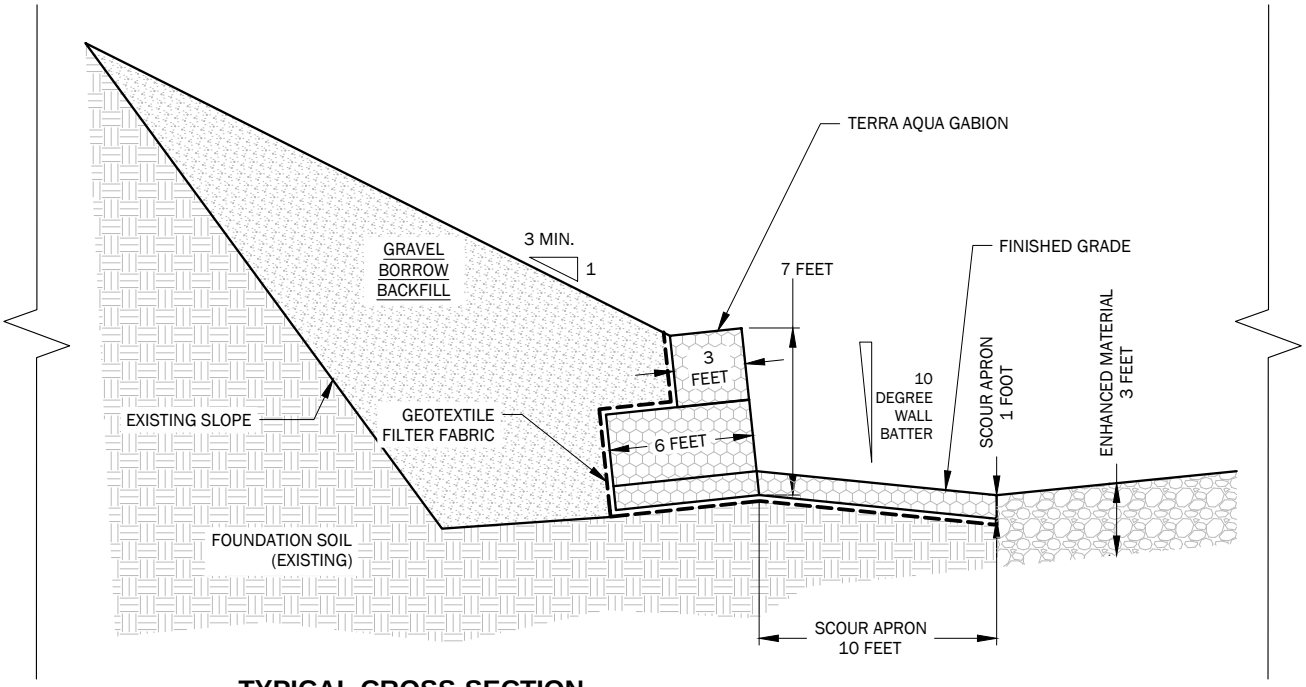
Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Sheet: 6 of 8 Date: 11/8/2018

Proposed Retaining Wall
Profile and Section

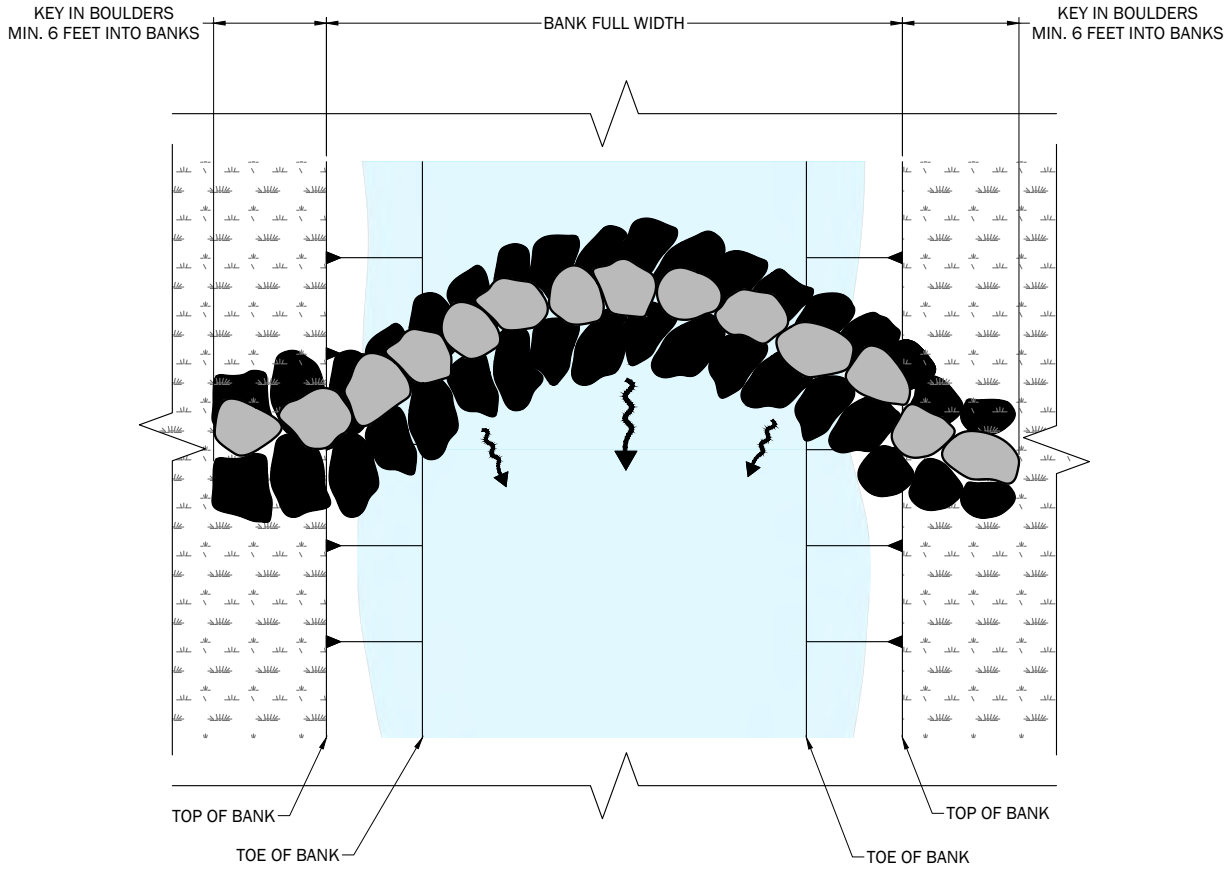
\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\ARPA\816915501_ARPA_S06_Proposed Retaining Wall Profile and Section.dwg TAB:S06 Date Exported: 11/12/18 - 16:53 by esmiller



TYPICAL CROSS-SECTION
BATTERED GABION WALL WITH BACK SLOPE

SCALE: NTS

-
1



TYPICAL PLAN VIEW
BOULDER GRADE CONTROL STRUCTURE

SCALE: NTS

-
1

Applicant: Williams Northwest Pipeline

Reference Number:

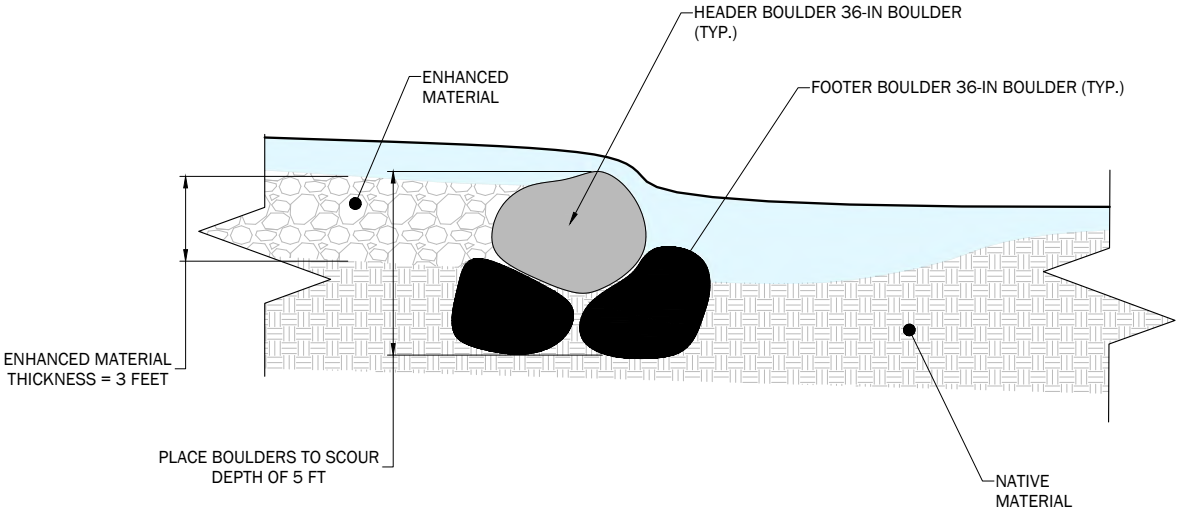
Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Details

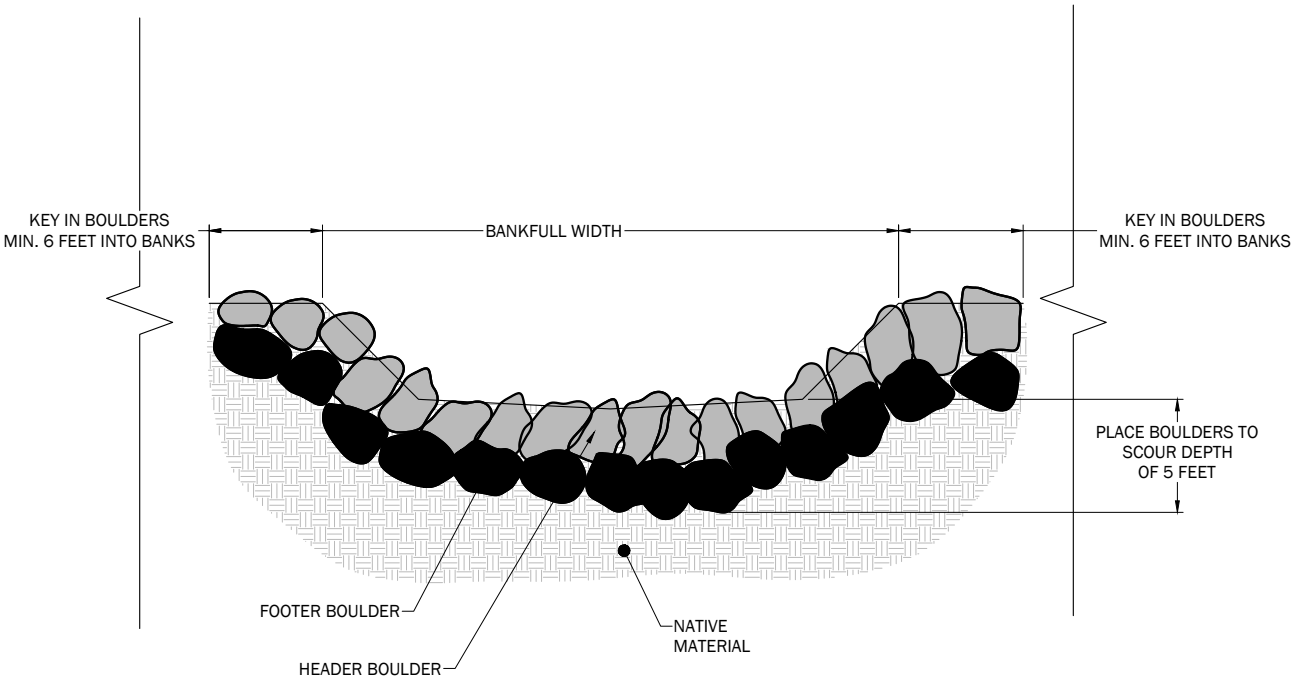
Sheet: 7 of 8 Date: 11/8/2018

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\816915501_JARPA_S07_Details.dwg TAB:S07 Date Exported: 11/12/18 - 16:53 by esmiller



TYPICAL PROFILE
BOULDER GRADE CONTROL STRUCTURE
SCALE: NTS

-
1



TYPICAL CROSS-SECTION
BOULDER GRADE CONTROL STRUCTURE
SCALE: NTS

-
1

Applicant: Williams Northwest Pipeline

Reference Number:

Proposed Project:
Wenatchee Lateral-MP 131

Location: See Sheet 1

Details

Sheet: 8 of 8 Date: 11/8/2018

\\geoengineers.com\WAN\Projects\8\8169155\CAD\01\JARPA\816915501_JARPA_S08_Details.dwg TAB:S08 Date Exported: 11/12/18 - 16:54 by esmiller