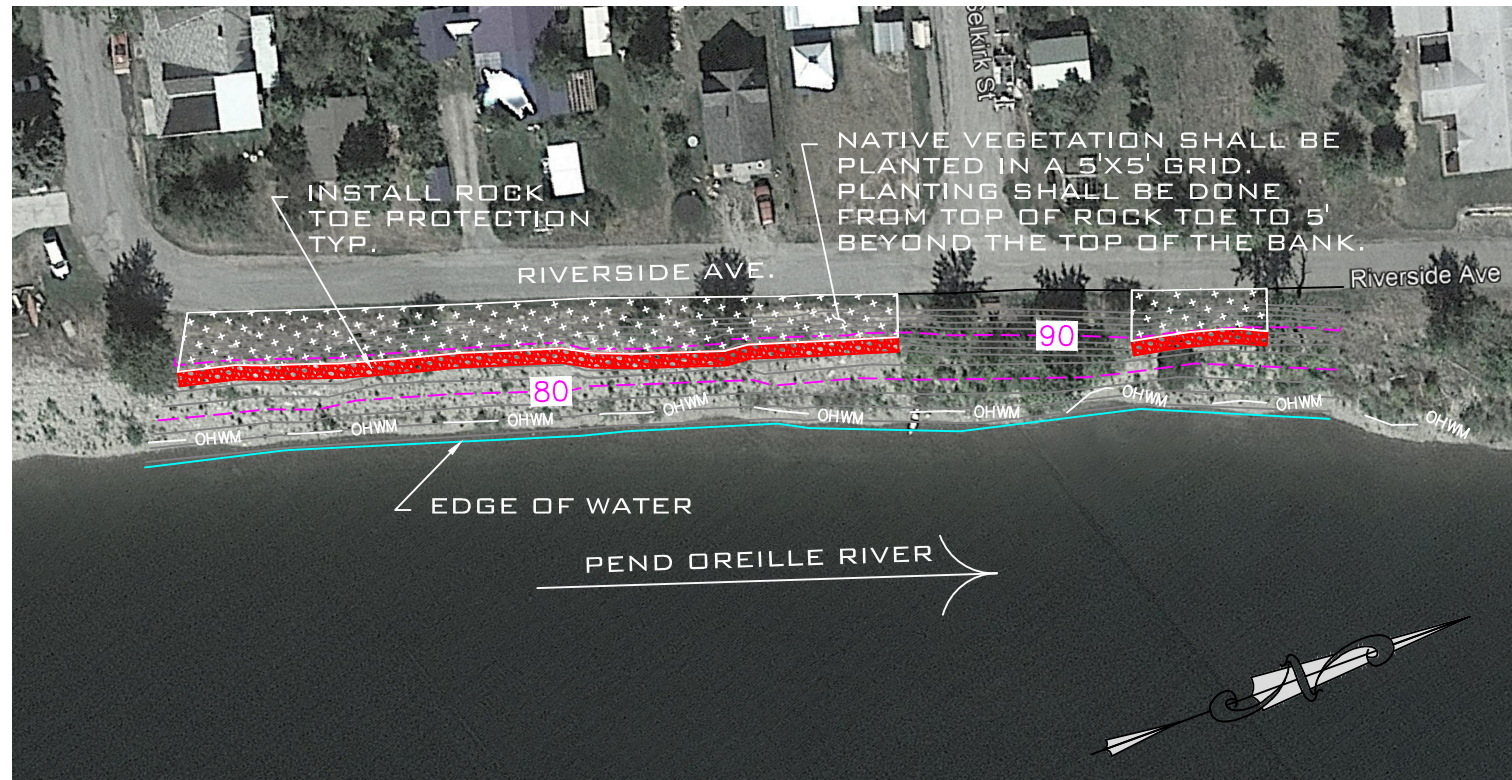
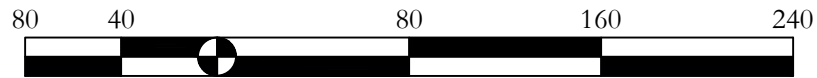


METALINE - PEND OREILLE RIVER BANK STABILIZATION SITE PLAN

LOCATED IN SEC. 28, T39N, R43E, W.M.,
PEND OREILLE COUNTY, WASHINGTON

H-SCALE 1" = 80'



General Notes

- 1) The attached NRCS Construction and Material Specifications are part of this plan and shall govern this installation.
- 2) This installation shall be constructed to the lines and grades as shown on the drawings and detailed in the construction specifications.
- 3) Construction activities will be conducted in a manner that minimizes soil, water and air pollution.
- 4) Construction activities will be conducted in a manner consistent with all safety regulations necessary for this installation.
- 5) The installation will be operated and maintained as described in the O&M plan prepared for this operation.

Utilities

The SE Area Engineer does not make any representation to the existence or non-existence of any public and private buried and overhead utilities. Where utilities are shown on the drawing their location and depth or height is approximate. The exact location and depth or height shall be determined by the responsible utility. Any work within the utility easement will conform to the requirements of the utility.

Permits

The SE Area Engineer does not assume any responsibility in the determination, application and/or securing of any necessary permits. All permits for the construction and operation of this facility are the responsibility of the Owner, Operator, Sponsor and/or Contractor.

Review and Acceptance

The Drawings and Construction Specifications for this project have been reviewed with me and are accepted for installation. I also acknowledge that any modifications prior to review by the SE Area Engineer before implementation may result in disapproval of this installation. I hereby acknowledge receipt of copy(ies) of this plan.

Owner/Sponsor _____
Date _____



VICINITY MAP
NO SCALE

VOLUME TABLE

ITEM DESCRIPTION	ITEM QTY.	QTY ABV OHWM	QTY BELOW OHWM
REACH OF PROJECT	460 L.F.	N/A	N/A
ROCK TOE PROTECTION	180 CY	180 CY/ 325 TN	0 CY/0 TN
EXCAVATION	30 CY	30 CY	0 CY
FILL	0 CY	0 CY	0 CY
NON-WOVEN GEOTEXTILE	320 SY	320 SY	0 SY

CONSTRUCTION NOTES:

- SEE SHEET 2 FOR CONSTRUCTION DETAILS.
- ALL LINEWORK, AND STRUCTURE LOCATIONS ARE APPROXIMATE.
- ENGINEER SHALL BE ON-SITE DURING CONSTRUCTION.
- ALL MATERIALS AND INSTALLATION MUST CONFORM TO NRCS SPECIFICATIONS.
- ANY CHANGES TO THE DESIGN OR SPECIFICATIONS MUST BE APPROVED BY THE ENGINEER.

PROPERTY LINES SHOWN ARE APPROXIMATE.
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



LOCATES (2 WORKING DAYS NOTICE REQUIRED PRIOR TO EXCAVATION)
LOCAL CALLING NUMBERS
Northwest Utility Notification Center 1-800-424-5555

METALINE - PEND OREILLE RIVER
BANK STABILIZATION
PEND OREILLE COUNTY, WASHINGTON

DRAWN BY: GJA

DESIGNED BY: GJA

APPROVED BY:

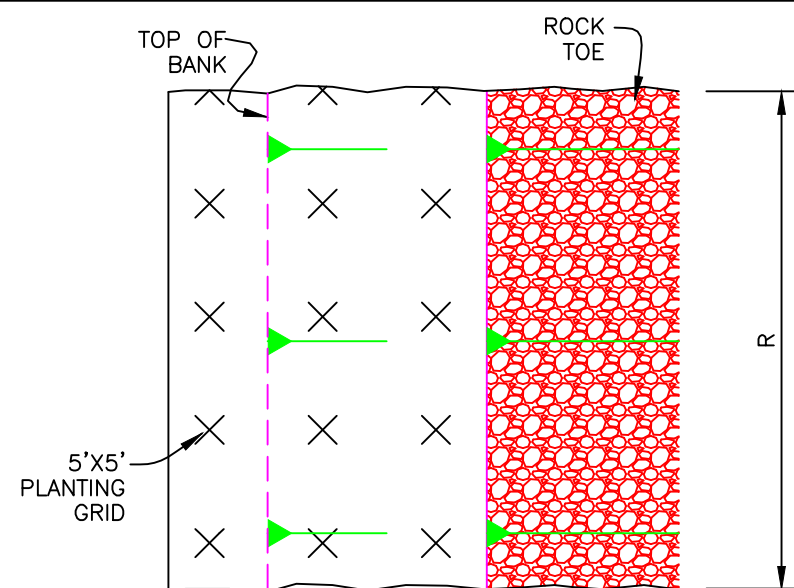
PROJECT
19-005

REVISED
01/20

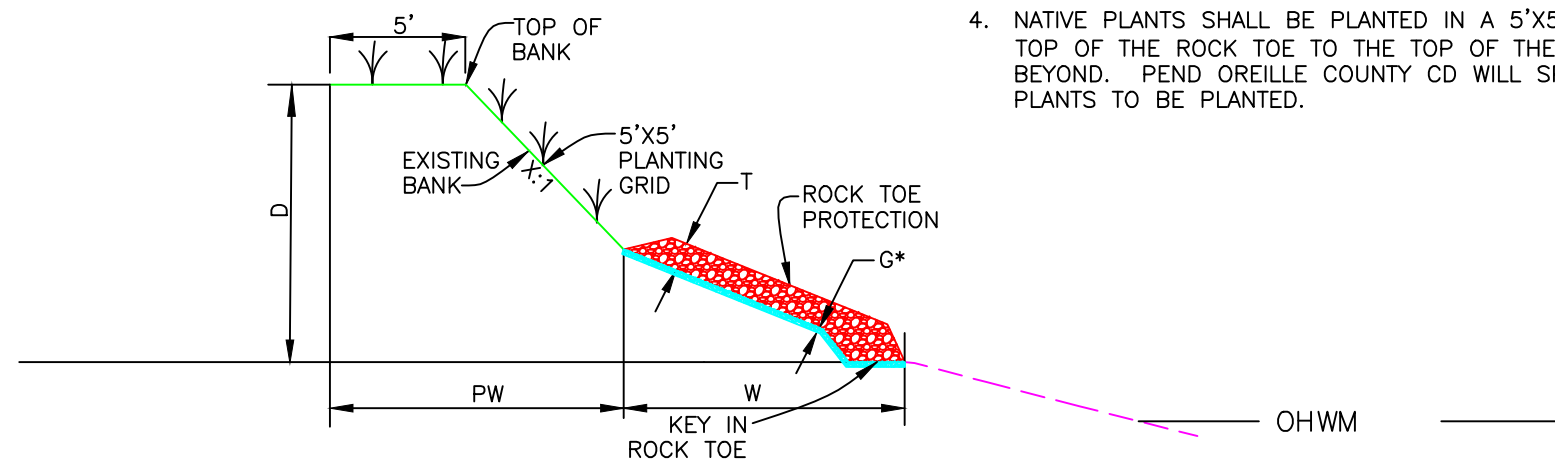
SHEET
1/2

METALINE - PEND OREILLE RIVER BANK STABILIZATION CONSTRUCTION DETAIL

LOCATED IN SEC. 28, T39N, R43E, W.M.,
PEND OREILLE COUNTY, WASHINGTON



PLAN VIEW



SECTION VIEW

DIMENSIONS

D = APPROX. 14 (ft)

R (reach) 460 (ft)

PW = APPROX. 28 (ft)

W = 6 (ft)

T = 2 (ft)

X = EXISTING

G* = GEOTEXTILE (in)

G* = BEDDING MATERIAL
OR GEOTEXTILE FABRIC

ROCK GRADATION

D₁₀₀ = 20 min (in) 24 max (in)

D₈₀ = 16 min (in) 20 max (in)

D₅₀ = 12 min (in) 16 max (in)

GENERAL NOTES

1. ROCK TOE WIDTH SHALL BE APPROXIMATELY 6' WIDE.
2. THE ROCK TOE SHALL BE KEYED INTO THE SLOPE.
3. GEOTEXTILE FABRIC SHALL BE PLACED BENEATH THE ROCK TOE PROTECTION
4. NATIVE PLANTS SHALL BE PLANTED IN A 5'x5' GRID FROM THE TOP OF THE ROCK TOE TO THE TOP OF THE SLOPE AND 5' BEYOND. PEND OREILLE COUNTY CD WILL SPECIFY THE TYPES OF PLANTS TO BE PLANTED.

ROCK TOE PROTECTION
STREAMBANK STABILIZATION
WASHINGTON SE AREA ENGINEER

DRAWING NOT TO SCALE

PROPERTY LINES SHOWN ARE APPROXIMATE.
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



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LOCAL CALLING NUMBERS
Northwest Utility Notification Center 1-800-424-5555

DRAWN BY: GJA

DESIGNED BY: GJA

APPROVED BY:

METALINE - PEND OREILLE RIVER
BANK STABILIZATION
PEND OREILLE COUNTY, WASHINGTON

PROJECT
19-005

REVISED
01/20

SHEET
2/2