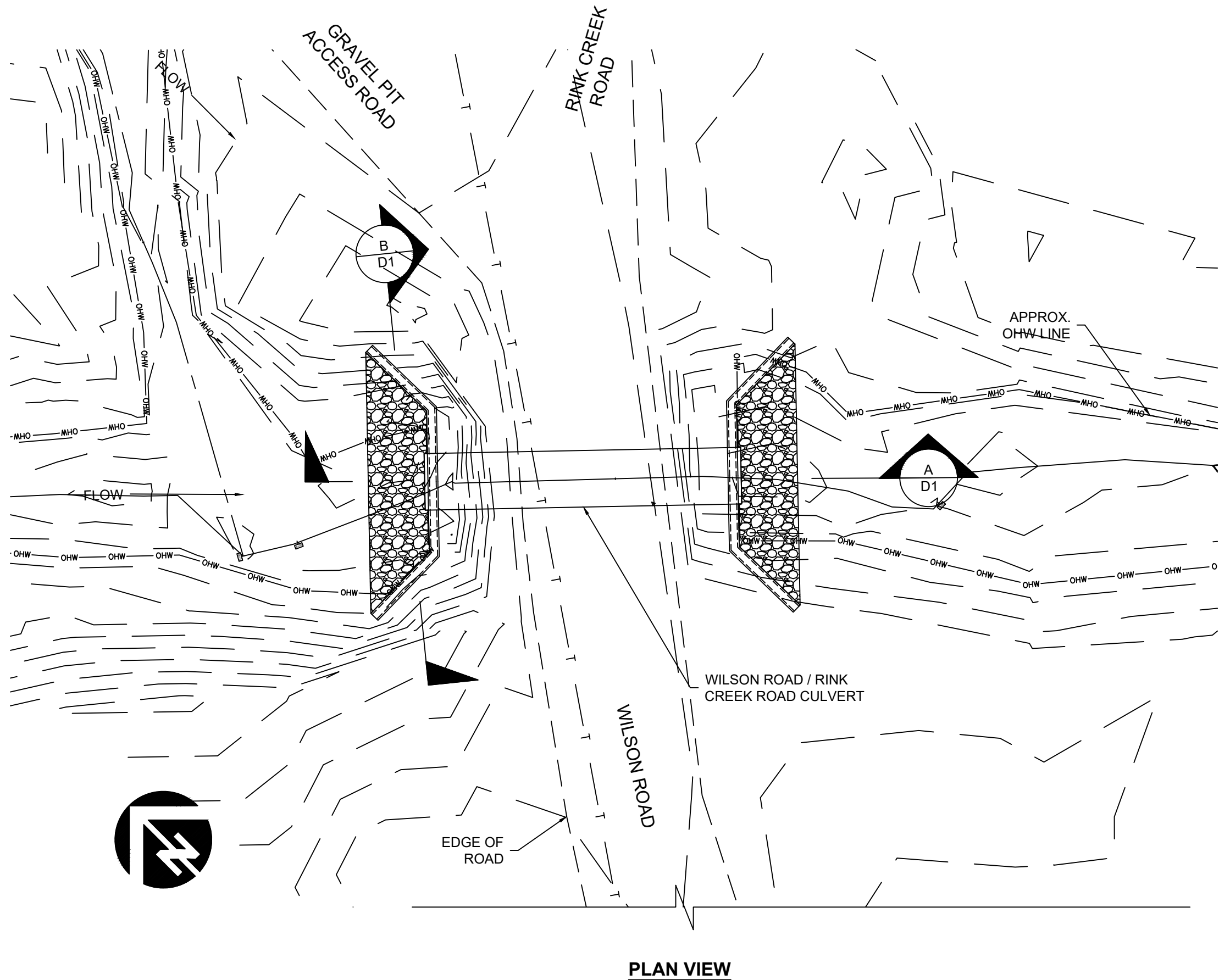


PLAN VIEW

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

PATH:F:\MY DOCUMENTS\IGST ROAD
ADVICE\CULVERT.DWG

TAB: S1 August 23, 2021

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

GUSTAVUS WILSON RD / RINK CREEK RD
CULVERT SCOUR PROTECTION

SITE PLAN

RINK CREEK ROAD

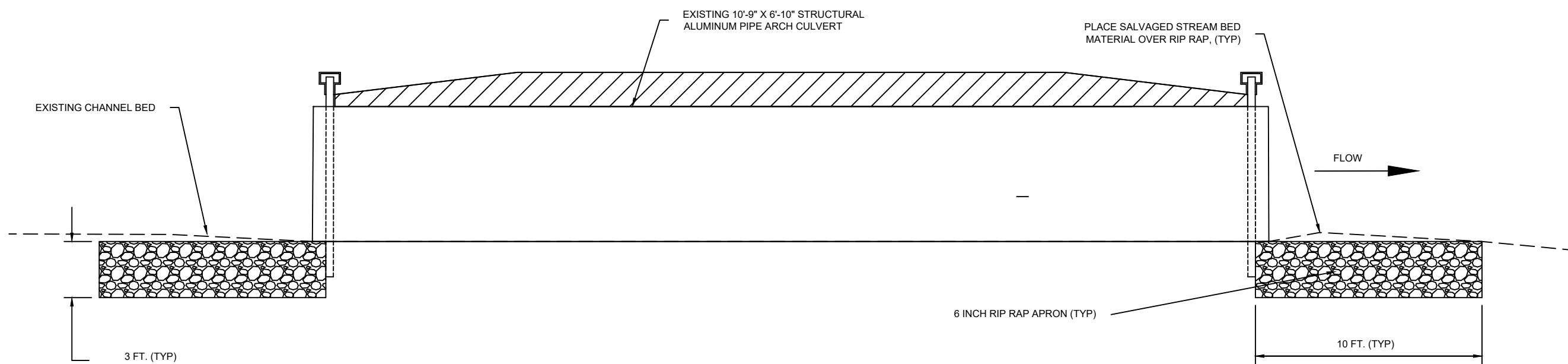
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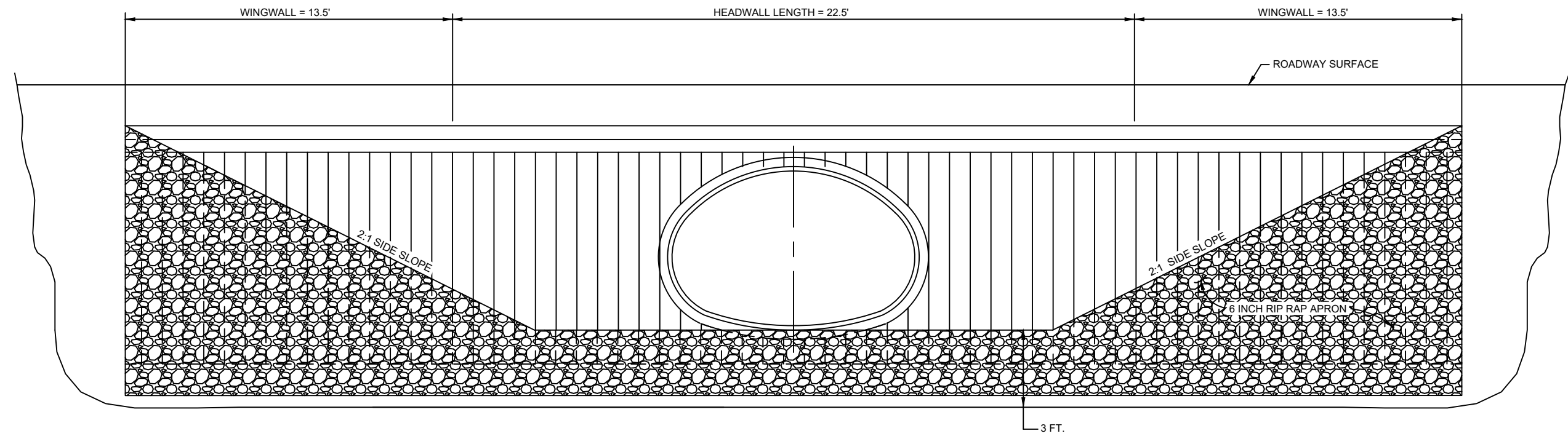
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PROJECT DESIGNATION

STATE	YEAR
ALASKA	2021
SHEET NUMBER	TOTAL SHEETS
S1	3



**CROSS-SECTION OF
CULVERT / SCOUR PROTECTION**
NTS



**CROSS-SECTION OF
CULVERT SCOUR PROTECTION**
NTS

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PATH:F:\MY DOCUMENTS\IGST ROAD
ADVICE\CULVERT.DWG

TAB: D1 August 23, 2021

ADDENDUM NUMBER

ATTACHMENT NUMBER

RECORD OF REVISIONS

No.	DATE	DESCRIPTION

GUSTAVUS WILSON RD / RINK CREEK RD
CULVERT SCOUR PROTECTION

DETAILS

CHECKED BY:

DESIGNED BY:

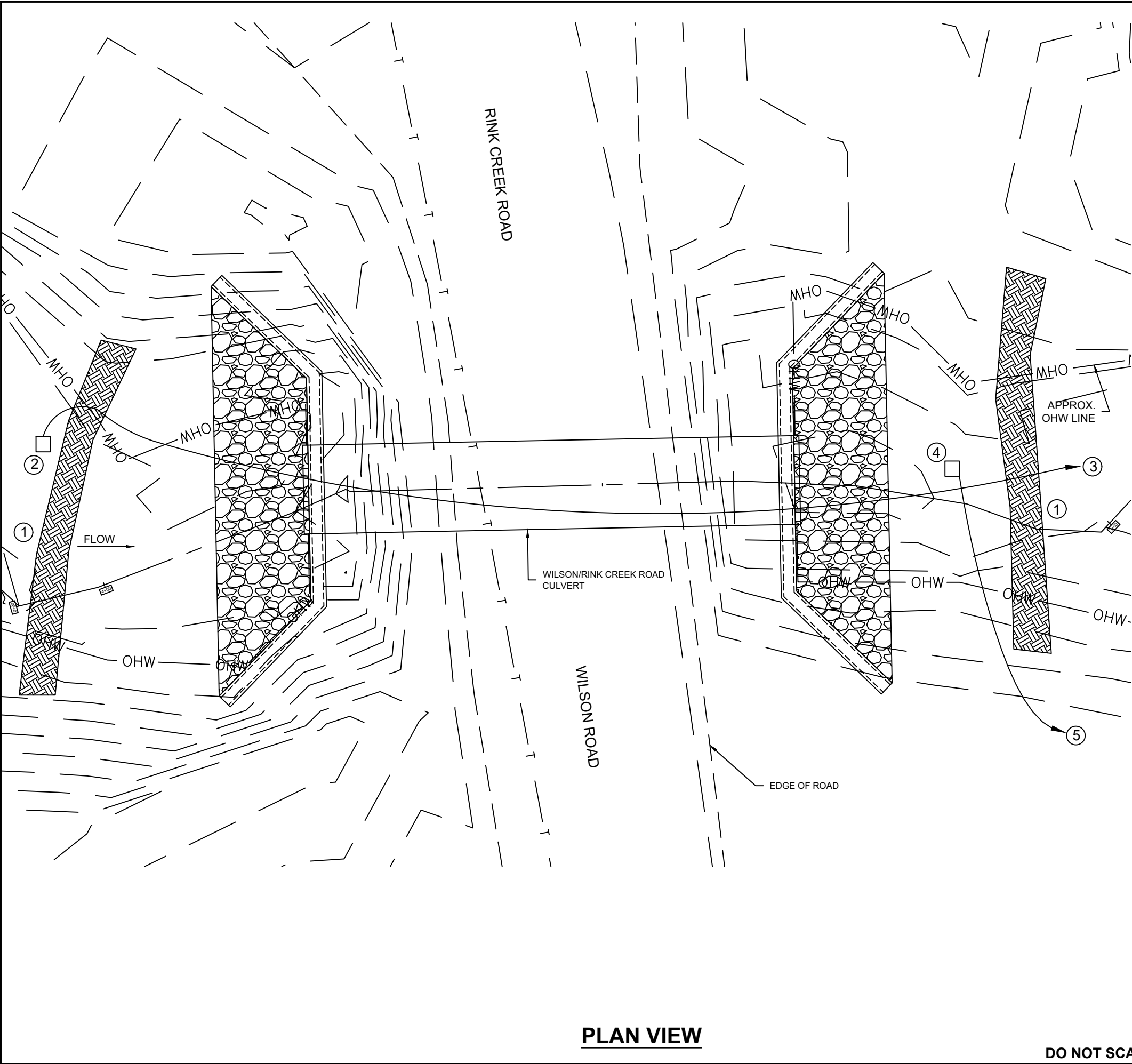
DRAWN BY:

DETAILS

PROJECT DESIGNATION

STATE	YEAR
ALASKA	2021

SHEET NUMBER	TOTAL SHEETS
D1	3



PLAN VIEW

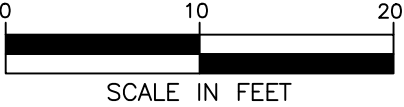
SURFACE WATER DIVERSION
& EXCAVATION DEWATERING
INSTALLATION NOTES

DEWATERING:

- 1. BUILD DIVERSION DAMS. THE DOWNSTREAM DIVERSION DAM MAY BE ELIMINATED IF STREAM REVERSE FLOW DOES NOT OCCUR.
- 2. INSTALL PUMP(S) WITH DISCHARGE CAPACITY EQUAL OR GREATER THAN THE STREAM IN-FLOW RATE.
- 3. INSTALL PROTECTIVE MEASURES THAT DISSIPATES ENERGY FROM THE PUMP DISCHARGE END TO PREVENT STREAM BED EROSION.
- 4. A CONSTRUCTION SITE DEWATERING PUMP MAY BE USED TO REMOVE GROUND WATER. DISCHARGE TO VEGETATION UPLAND.
- 5. PROTECT AGAINST EROSION BY INSTALLING AN ENERGY DISSIPATION SYSTEM AT THE PUMP DISCHARGE.

LEGEND:

- DIVERSION DAM
- RIP RAP



DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

No.	DATE	DESCRIPTION

GUSTAVUS WILSON RD / RINK CREEK RD
CULVERT SCOUR PROTECTION

DEWATERING PLAN

CHECKED BY:

DESIGNED BY:

DRAWN BY:

DEWATERING PLAN

PROJECT DESIGNATION

STATE	YEAR
ALASKA	2021
SHEET NUMBER	TOTAL SHEETS
E1	3