

Miller, Nick

From: Julian Piva [mbar@custertel.net]
Sent: Thursday, December 13, 2007 5:04 PM
To: Miller, Nick
Subject: Fw: Goat Creek Water Measurement

PN CALLS:

Attachments: Goat Ck 6-7 1678-102-X10.pdf

*12/12 9:30 A.M - says will we ~~can~~
speak on all Divs*

10:30 A.M - said sent email

*12/14 1:55 p.m - says ^{have} 10 divs
that they'll we
it on.*

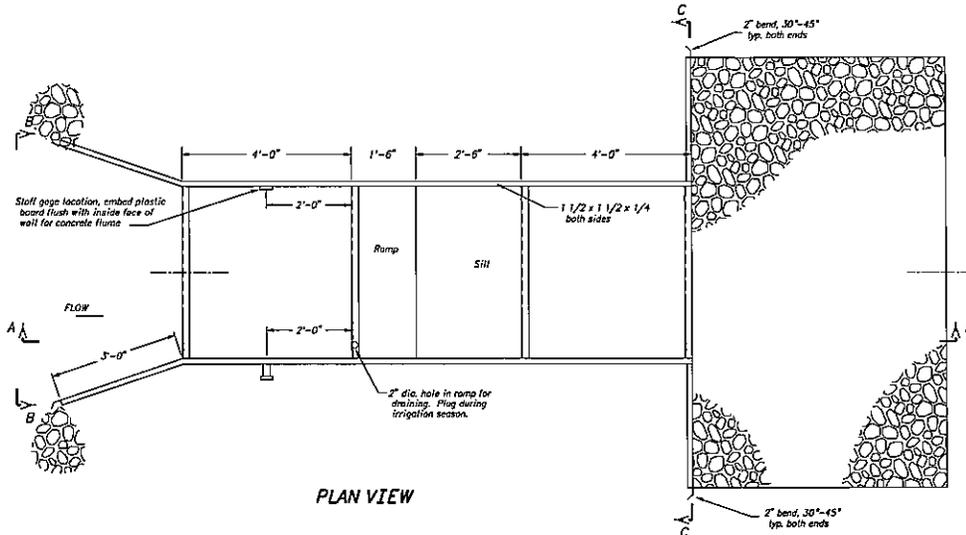


Goat Ck 6-7
678-102-X10.pdf (..

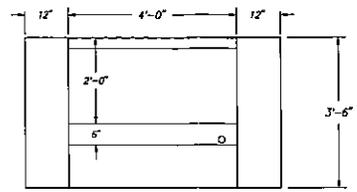
----- Original Message -----
From: "Brian Hamilton" <bhamilton@pn.usbr.gov>
To: <pfurey@cableone.net>; <mbar@custertel.net>
Sent: Tuesday, October 16, 2007 12:05 PM
Subject: Goat Creek Water Measurement

- > Pat/Julian - attached is a drawing for a water measurement device at the
- > Goat Creek 6/7 diversion. Actually this will be 2 identical measuring
- > devices, one in each ditch after the split in the new fish screen.
- > These flumes should be installed upstream of the road crossing in a
- > relatively straight section of ditch. This would be downstream of the
- > new fish screen that IDEFG is going to build. Each flume would
- > accurately measure 1 to 30 cfs.
- >
- > The 4' long section downstream of the sill can be eliminated to save a
- > little \$\$ if you like. This would not affect the measurement accuracy,
- > but will require a little more rock work and possible maintenance in the
- > future. The downstream cutoff wall would be moved upstream to the end
- > of the sill.
- >
- > You will want to send IDWR a copy of the drawing and let them know the
- > proposed location. I have discussed this concept briefly with Nick
- > Miller from IDWR and believe he is ok with it. SNRA also wanted to have
- > this information for a special use permit.
- >
- > Any questions please give me a call. I'll be out 10/22 - 11/13 on the
- > Grand Canyon.
- > Thanks - BH
- >
- > Brian Hamilton
- > US Bureau of Reclamation
- > 102 S Warpath
- > Salmon, ID 83467
- > 208-756-1064
- >

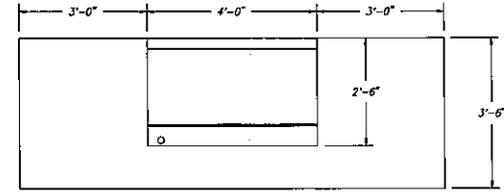
1678-100-X10



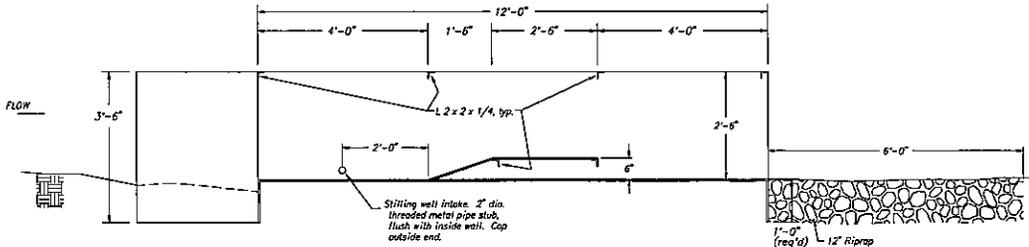
PLAN VIEW



SECTION B-B



SECTION C-C



SECTION A-A

NOTES:
 Ramp flume to be constructed out of steel, 3/16" minimum thickness, or concrete, 2" thick walls w/ #4 @ 12" o.c. centered.
 Crest must be level when flume is installed in the canal to within 0.01'.
 Engineer to specify location for flume installation in ditch.
 All joints to be welded full length or slit around with 1/4" weld.
 For a concrete flume, the 2" dia. drain hole is to be replaced with a 2" dia. PVC pipe that is embedded in the sill and daylighted at each end.

DATE PREPARED: 10/1/01
 DRAWN BY: J. W. BROWN
 CHECKED BY: J. W. BROWN
 APPROVED BY: J. W. BROWN

ALWAYS THINK SAFETY	
UNITED STATES DEPARTMENT OF THE INTERIOR COLUMBIA RIVER BUREAU OF RECLAMATION UPPER SALMON RIVER BASIN - SLUW GOAT CREEK 6-7 FUREY - PIVA RAMP FLUME PLAN AND SECTIONS	
DESIGNED BY: J. W. BROWN	CHECKED BY: J. W. BROWN
DRAWN BY: J. W. BROWN	NOT APP.
APPROVED BY: J. W. BROWN	
DATE: 10/01/01	1678-100-X10