

By <u>R. SCHOWENGERDT</u>	Date <u>12/20/07</u>	Subject <u>PROPOSED WEIR FOR</u>	Sheet No. <u>1</u> of <u>3</u>
Checked By	Date	<u># 72-7364</u>	Project No.

TO: TIM LUKE IDWR

FROM: RICH SCHOWENGERDT
 (208) 899-4572
 (262) 844-1543 (cell)

AD
 RECEIVED

JAN 02 2008

DEPARTMENT OF
 WATER RESOURCES

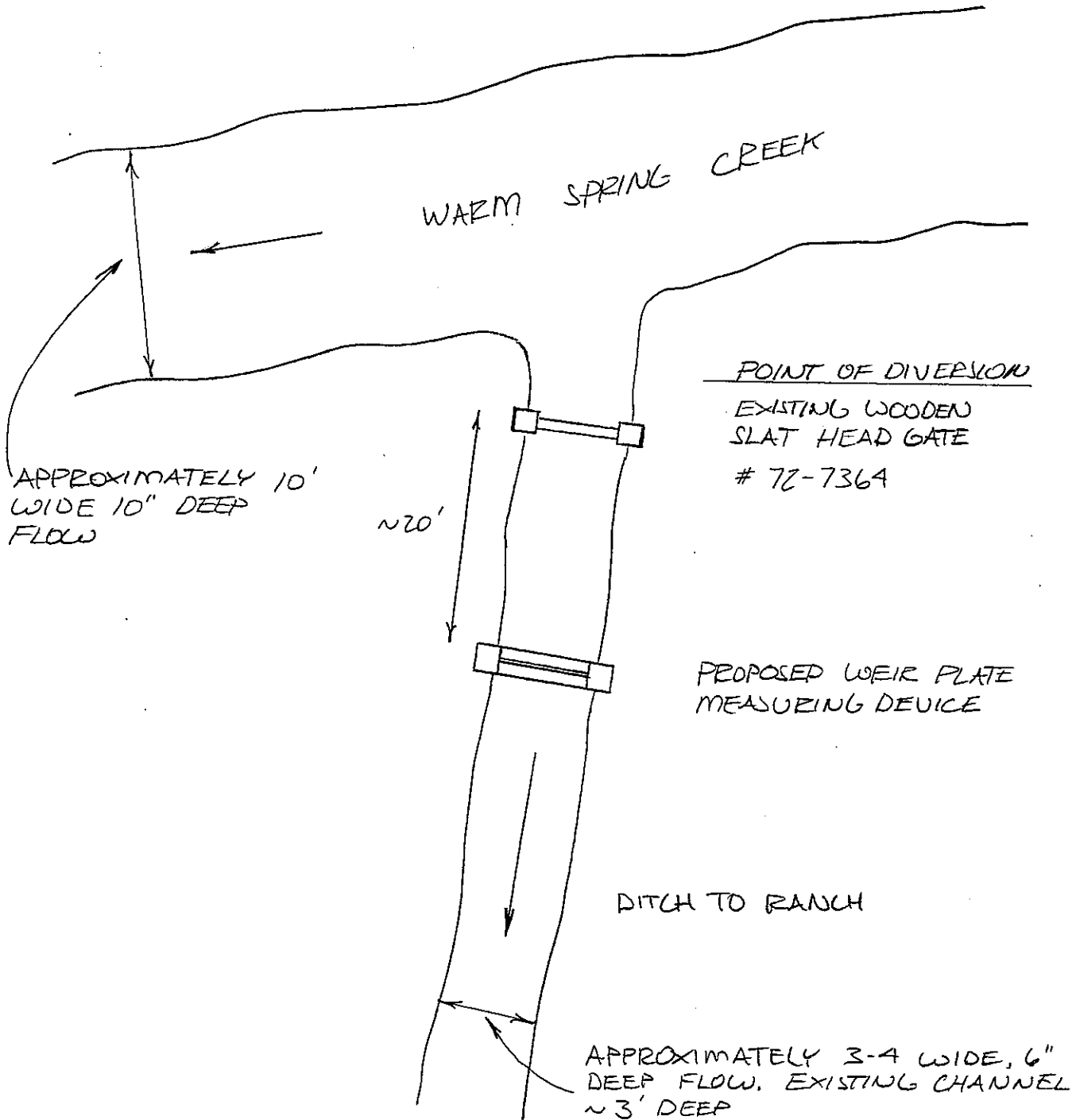
IN RESPONSE TO YOUR 2/20/2007 LETTER, PLEASE FIND
 HEREIN A SET OF PLANS TO INSTALL A WEIR FLOW
 MEASURING DEVICE ASSOCIATED WITH WATER RIGHT
 #72-7364.

Rich Schowengerdt

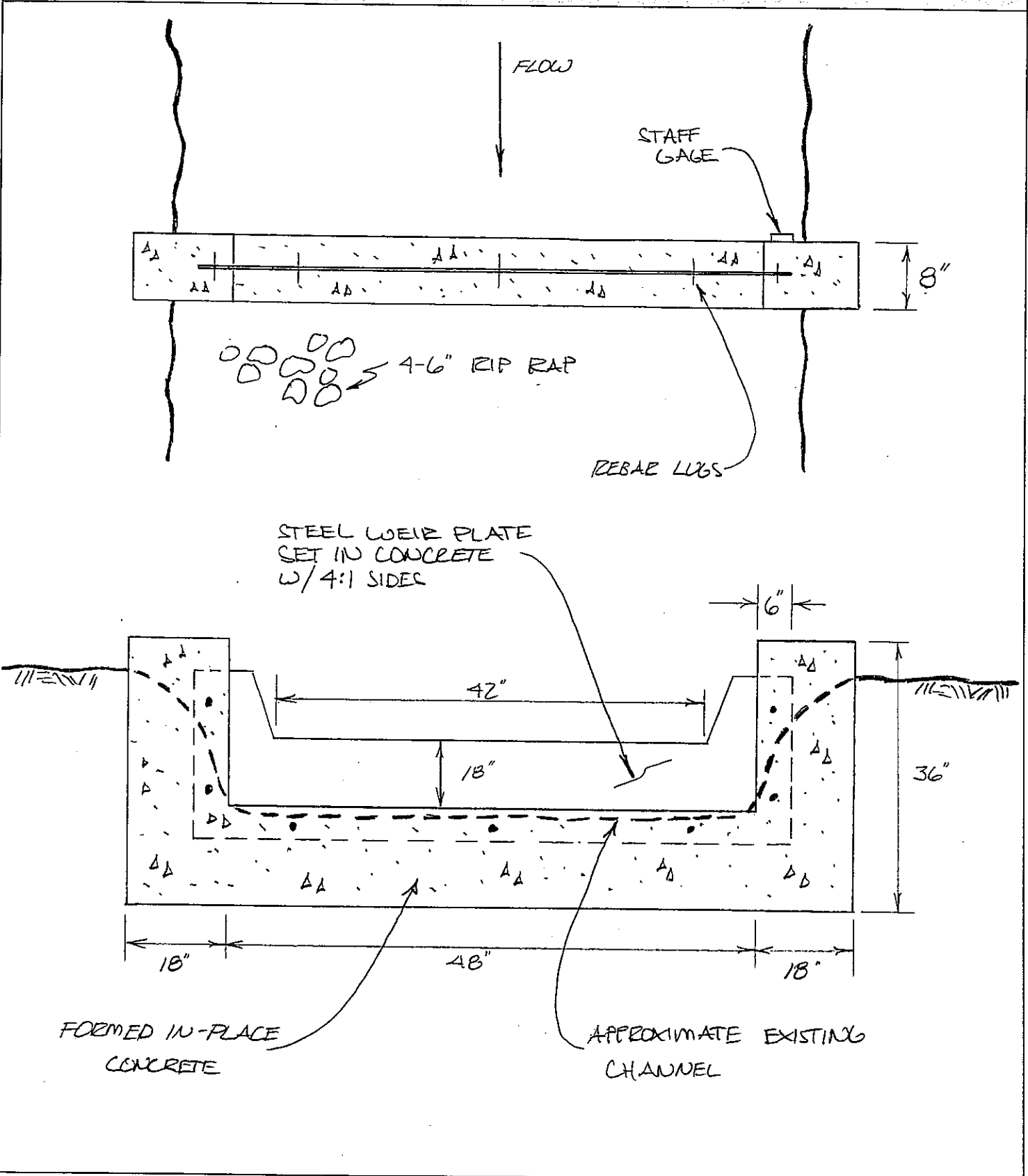
SALMON RIVER RANCHES
 12/20/07



By R SCHOWENGEPT	Date 12/20/07	Subject PROPOSED WEIR FOR	Sheet No. 2 of 3
Checked By	Date	#72-7364	Project No.



By *R. SCHWENGERDT* Date *12/29/07* Subject *PROPOSED WEIR FOR* Sheet No. *3* of *3*
 Checked By _____ Date *#72-7364* Project No. _____





Shaw® Shaw Environmental & Infrastructure, Inc.

By R SCHOWENGERDT	Date 12/20/07	Subject FLOW METERING	Sheet No. 1 of 7
Checked By	Date	#72-10235 #72-4192C	Project No.

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JAN 02 2008

DEPARTMENT OF
WATER RESOURCES

TO: TIM LUKE IDWR

FROM: RICH SCHOWENGERDT

(208) 894-4572

(262) 844-1543 (CELL)

rich.schowengerdt@shawgrp.com

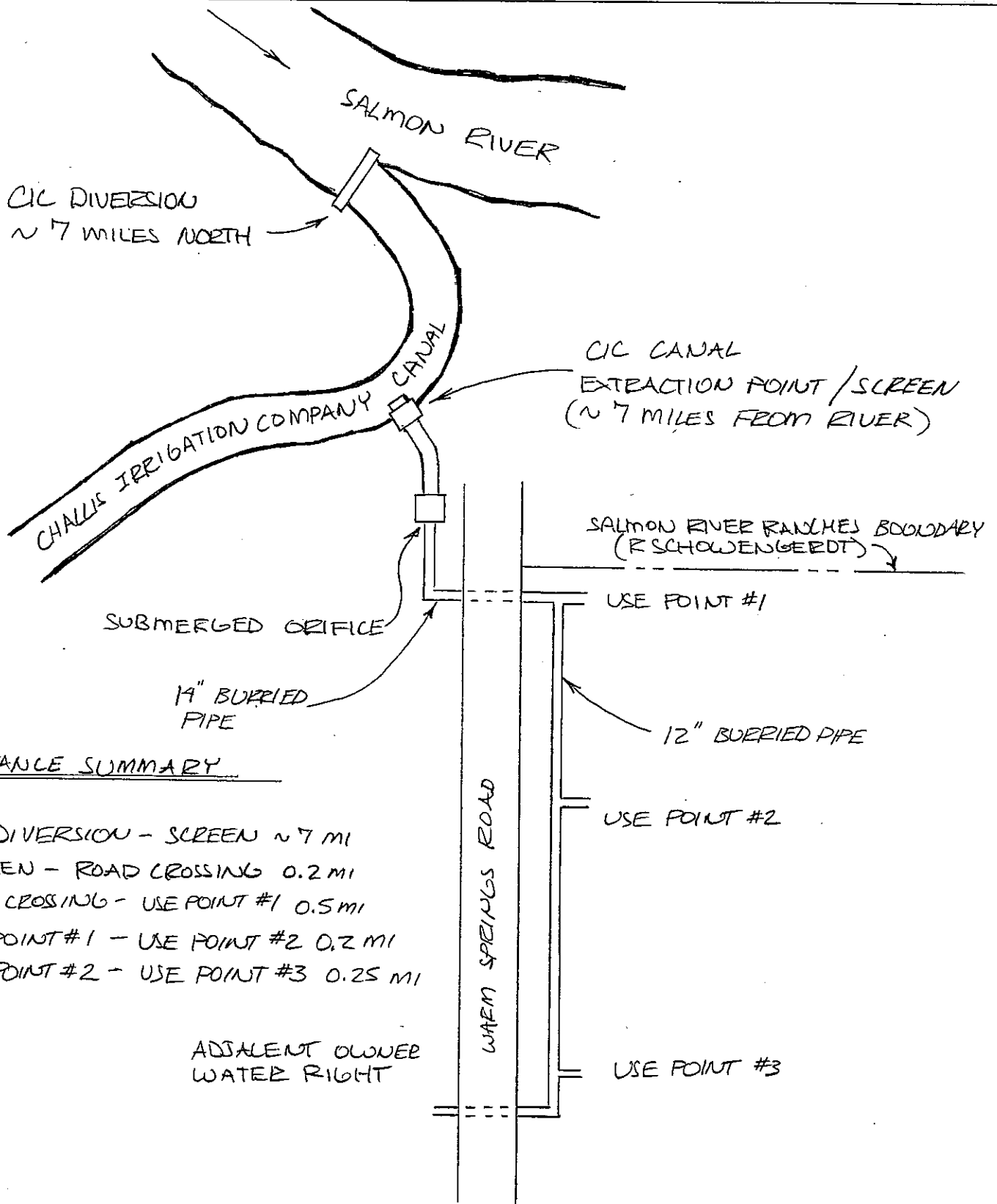
IN RESPONSE TO YOUR 2/20/2007 LETTER, PLEASE FIND HEREIN A SET OF PLANS TO INSTALL FLOW MONITORING DEVICES ASSOCIATED WITH WATER RIGHTS #72-10235 AND #72-4192C. PLEASE NOTE THAT FROM THE POD ON THE SALMON RIVER, WATER IS DELIVERED VIA THE CHALLIS IRRIGATION COMPANY VIA THE CIC CANAL TO AN UNDERGROUND PIPELINE AND EVENTUALLY TO MY RANCH. THE PROPOSED METERING AND APPROPRIATE CANAL LOSSES SUBTRACTED FROM THE CIC DIVERSION QUANTITY AT THE POD SHOULD DOCUMENT MY WATER RIGHT FLOW.

Rich Schowengerdt

SALMON RIVER RANCHES

12/20/07

By R. SCHOWENGERDT Date 12/20/07 Subject FLOW METERING Sheet No. 2 of 7
Checked By _____ Date _____ # 72-10235 # 72-4192C Project No. _____



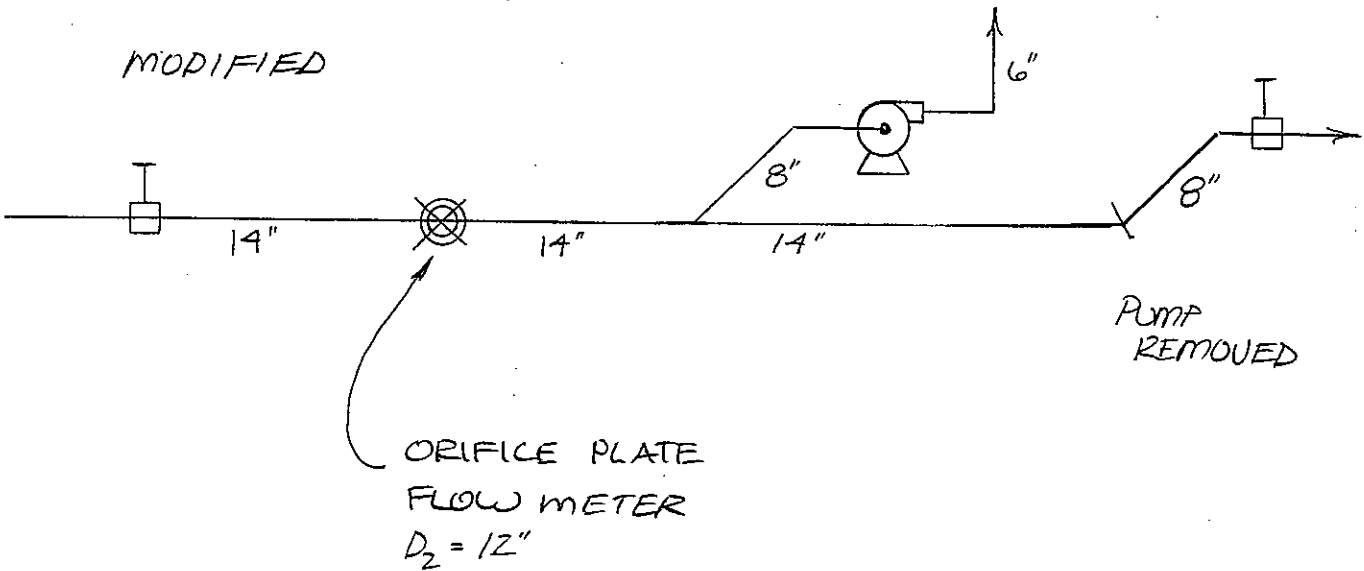
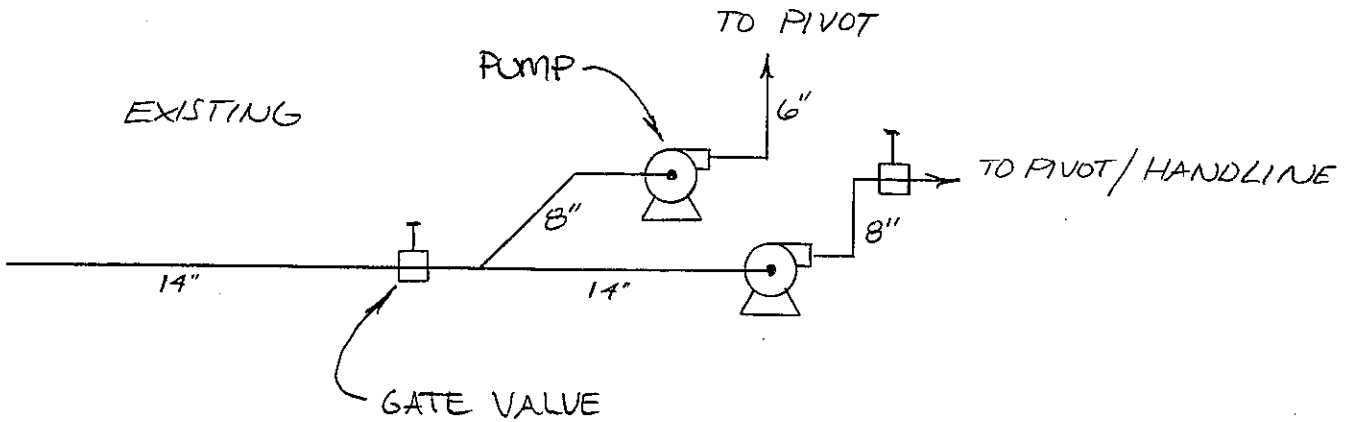
DISTANCE SUMMARY

- CIC DIVERSION - SCREEN ~ 7 MI
- SCREEN - ROAD CROSSING 0.2 MI
- ROAD CROSSING - USE POINT #1 0.5 MI
- USE POINT #1 - USE POINT #2 0.2 MI
- USE POINT #2 - USE POINT #3 0.25 MI

ADJACENT OWNER
WATER RIGHT

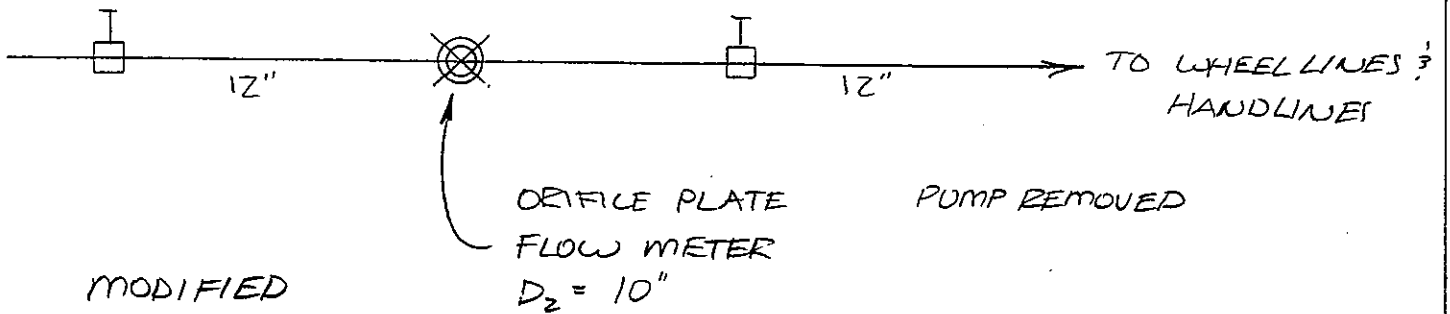
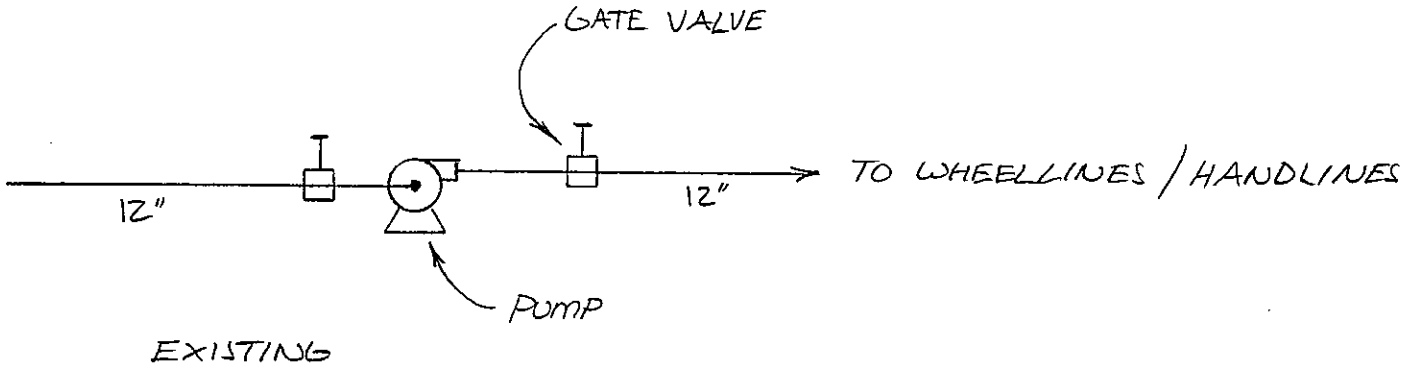
By <u>R SCHOWENGERST</u>	Date <u>12/20/07</u>	Subject <u>FLOW METERING</u>	Sheet No. <u>3</u> of <u>7</u>
Checked By	Date	<u>#72-1023S #72-4192C</u>	Project No.

USE POINT #1



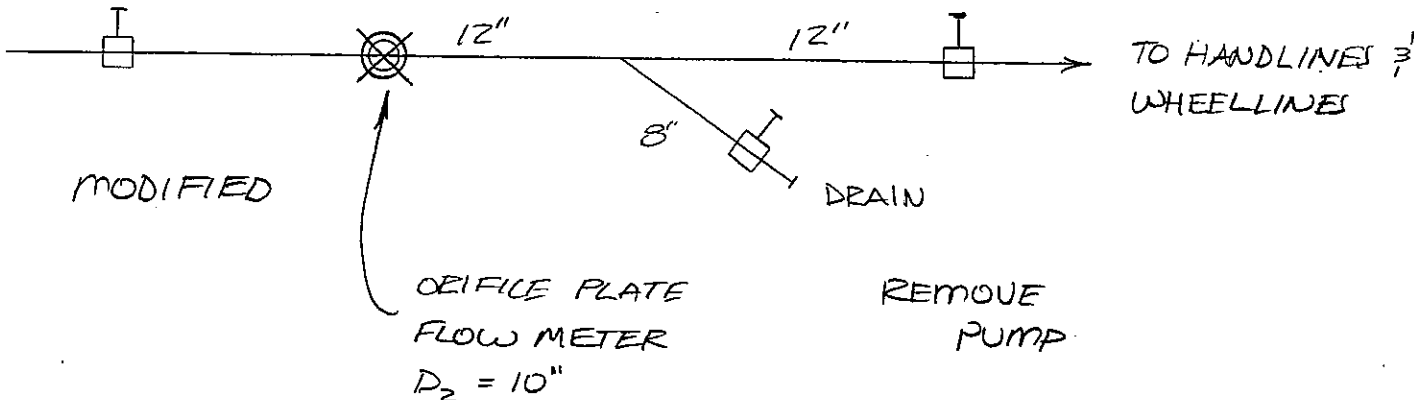
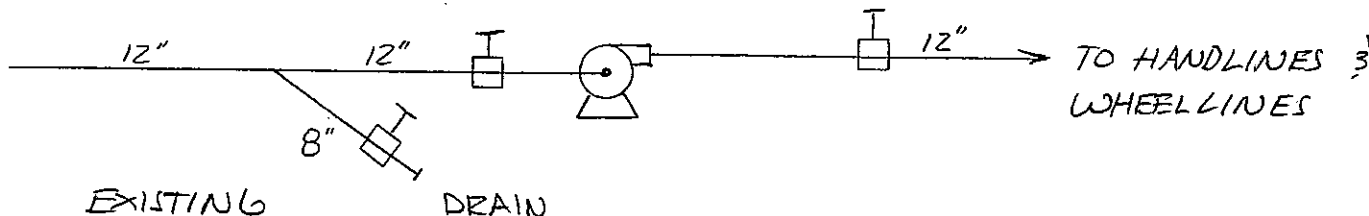
By R SCHLOWENGEEDT Date 12/20/07 Subject FLOW METERING Sheet No. 4 of 7
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USE POINT # 2



By R SCHOLWENGERDT Date 12/20/07 Subject FLOW METERING Sheet No. 5 of 7
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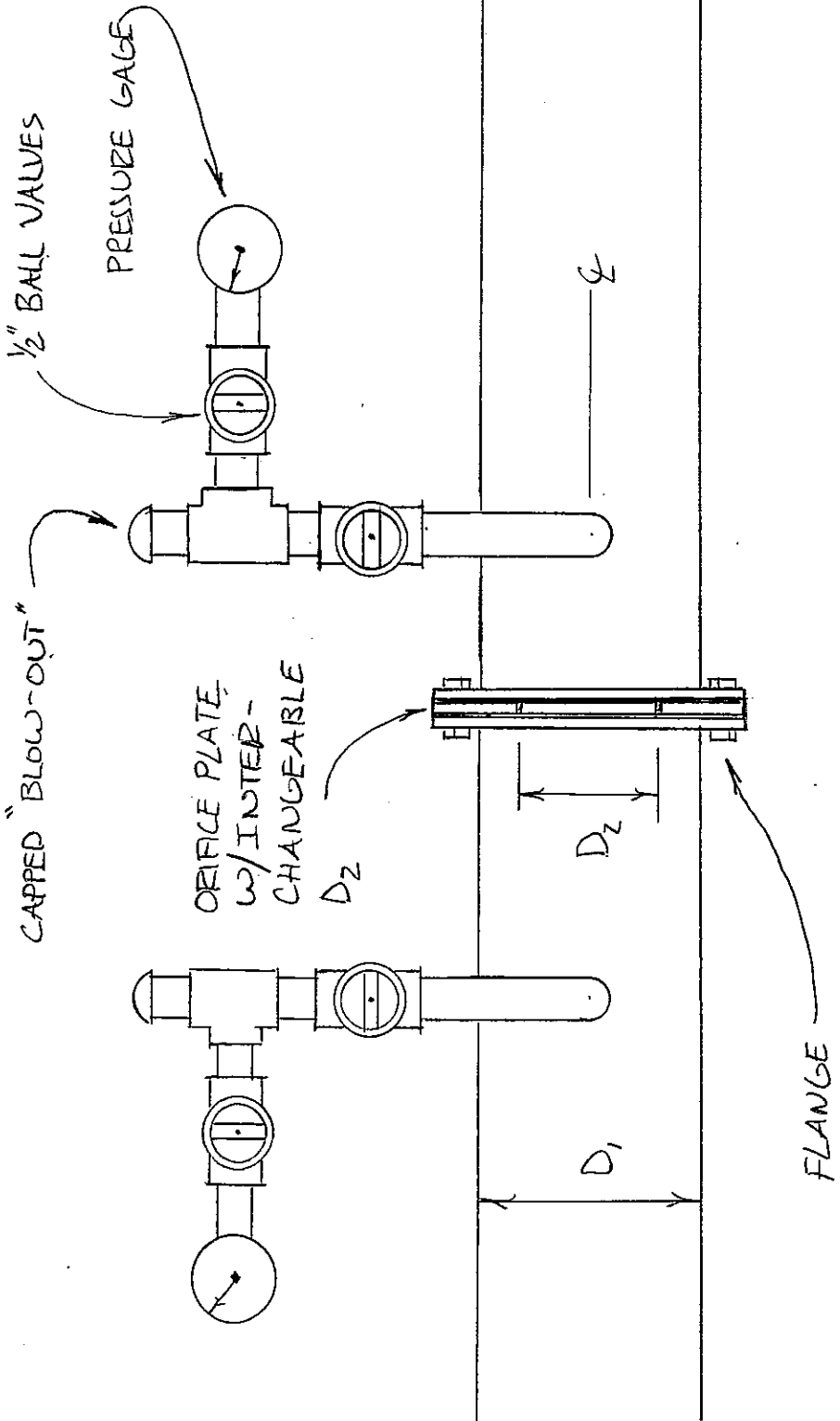
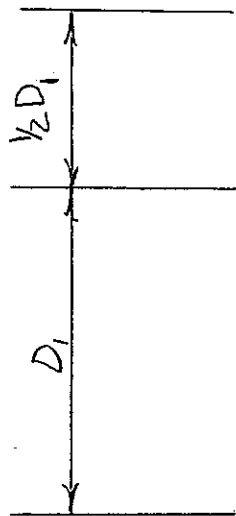
USE POINT #3





By R SCHOWENGERDT Date 12/29/07 Subject FLOW METERING Sheet No. 6 of 7
 Checked By _____ Date _____ # 72-10235 # 72-4192C Project No. _____

D_1 PIPE DIAMETER
 D_2 ORIFICE DIAMETER
 ORIFICE PLATE LOCATED
 $6 \times D_1$ DOWNSTREAM OF
 $4 \times D_1$ UPSTREAM OF
 PIPE OBSTRUCTIONS



USE POINT	D_1	D_2
#1	14"	12"
#2	12"	10"
#3	12"	10"



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