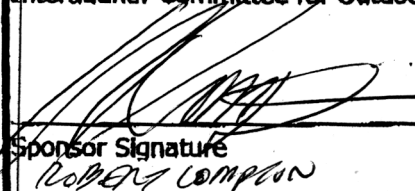


RECEIVED

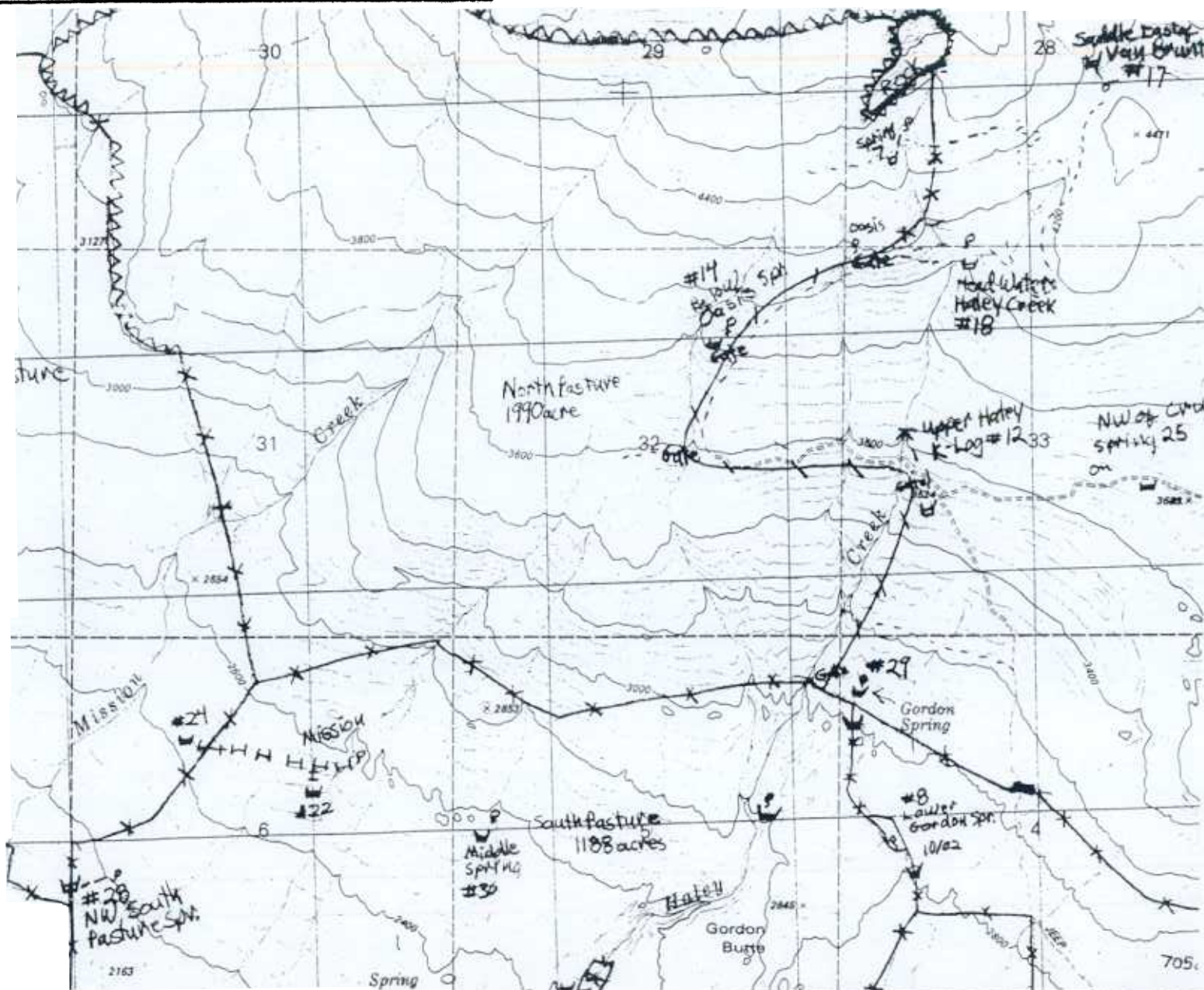
NOV 20 2006

DEVELOPMENT/RESTORATION FINAL REPORT

INTERAGENCY COMMITTEE
FOR OUTDOOR RECREATION

Sponsor Name: COLVILLE CONFEDERATED TRIBES		IAC Project Number: 00-1683A	
Project Name: OMAK CREEK WATERSHED RESTORATION		IAC Invoice Voucher	
1. Reporting period:		Contract Start: 1-31-03	Project Completion: 11-30-04
2. Provide a site plan identifying the development completed in this project [2 copies, no larger than 11" x 17" size]. Please date the plans.			
3. Did this project include elements as part of a mitigation plan? No ☒ Yes ☐ If yes, explain:			
4. Type and number of facilities developed [be specific]:			
12 SPRING DEVELOPMENTS			
3 ROCKED CROSSING			
RIPARIAN ENCLOSURE FENCE			
PASTURE BOUNDARY FENCE			
Sponsor Comments:			
PROTECT INSTALLATIONS FOLLOWED NRCS SPECIFICATIONS SEE SITE PLANS ATTACHED			
I hereby certify that this project has been completed in accordance with the Project Agreement. Further, I certify the completed project is consistent with both the scope of the project approved (as amended) by the Interagency Committee for Outdoor Recreation (IAC) or Salmon Recovery Funding Board (SRFB) and with the			
Sponsor Signature  ROBERT LOMPTON		Date 11/16/06	Title Land Ops Officer
		Telephone (509) 634-2308	

North
1:24,000



Location Map, Spring 25, 28, 14, 18, 17

OKANOGAN COUNTY

WASHINGTON

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

DESIGNED Will Keller DATE 5/04

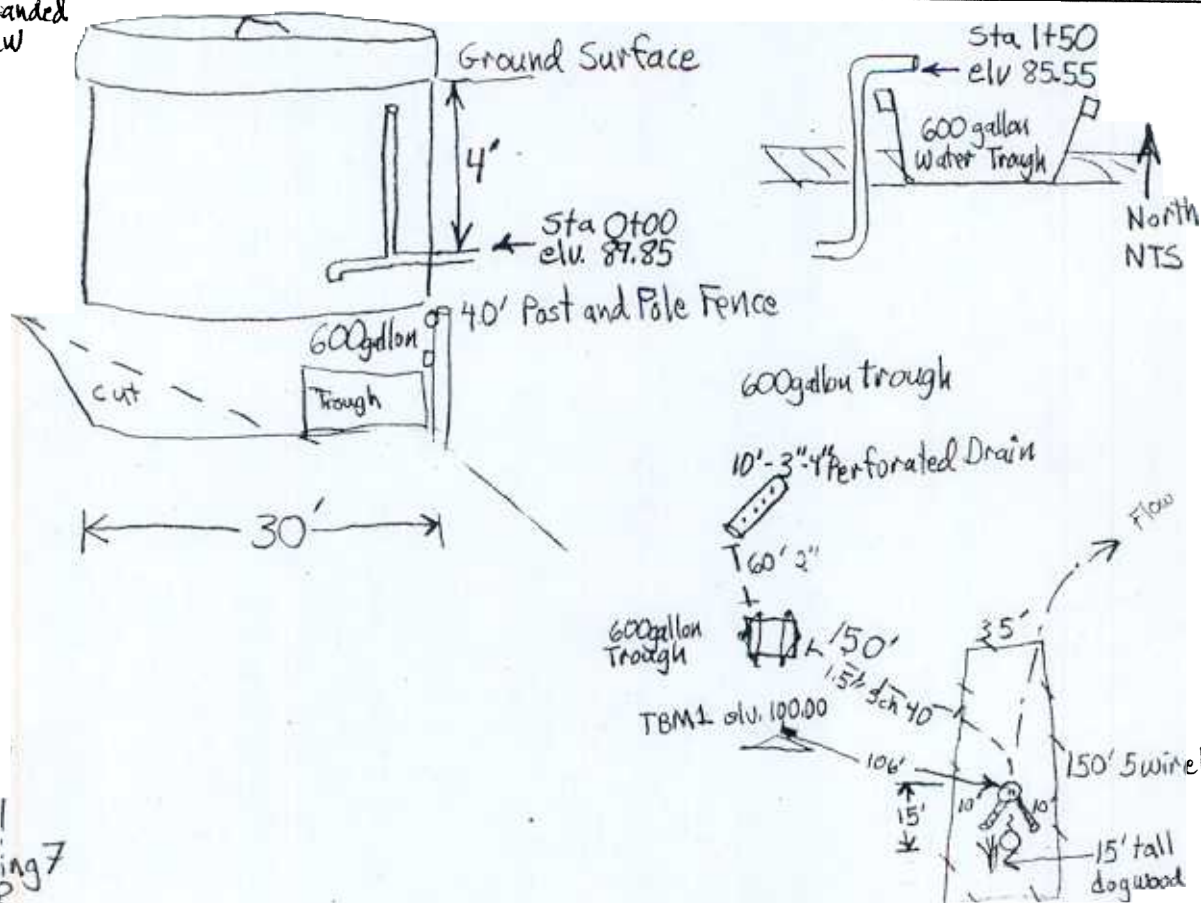
DRAWN _____ DATE _____

TRACED _____ DATE _____

CHECKED _____ DATE _____

FILE _____

Expanded View



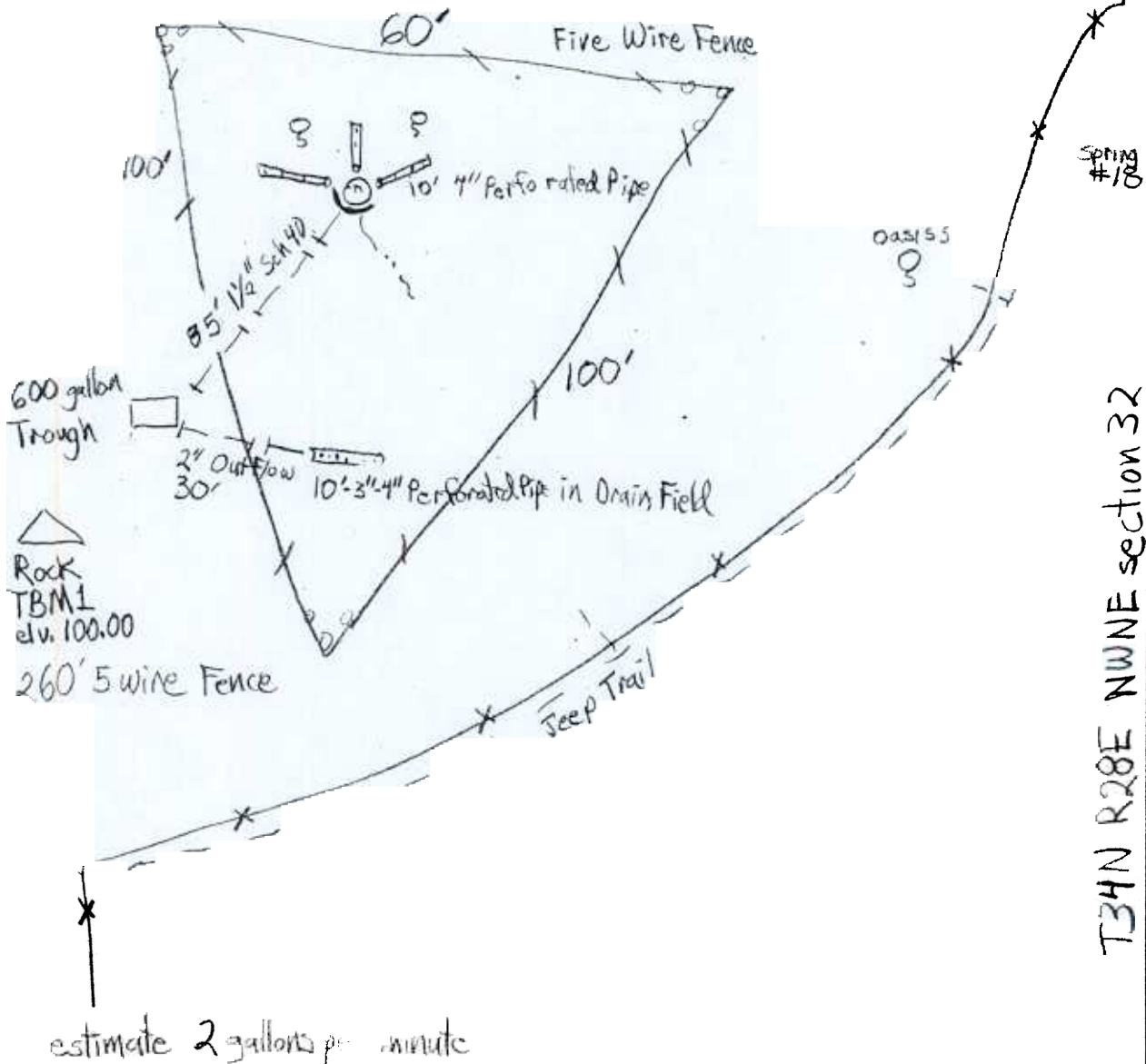
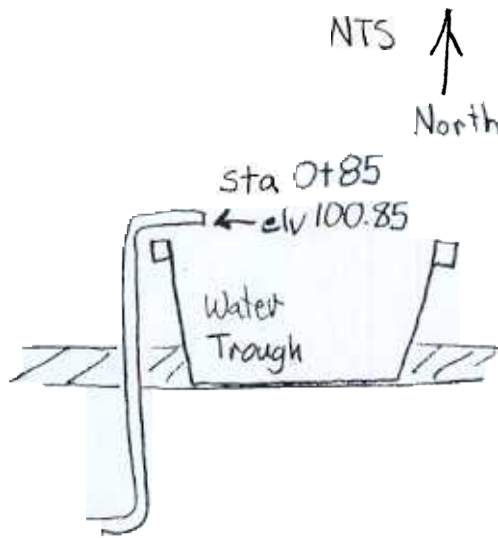
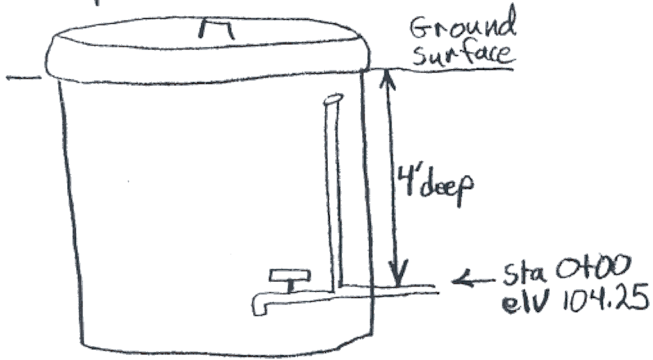
DATE 11/5/02
 DESIGNED Will Keller
 DRAWN
 TRACED
 CHECKED

DATE 11/5/02
 DATE
 DATE
 DATE

WASHINGTON
 OKANOGAN COUNTY
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE
 PLAN VIEW
 T34N R28E VWSW section 28
 CCT Range Unit 52
 Spring 17
 East of Van Bryant
 16.32

est mate gpm Flow
 Named
 Spring

Expanded View



T34N R28E NWNE section 32

CCT Range Unit 52

Spring #14

OKANOGAN COUNTY Below Oasis Spring

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

WASHINGTON

PLAN VIEW

DESIGNED Will Keller

DATE 11/5/02

DRAWN

DATE

TRACED

DATE

CHECKED

DATE

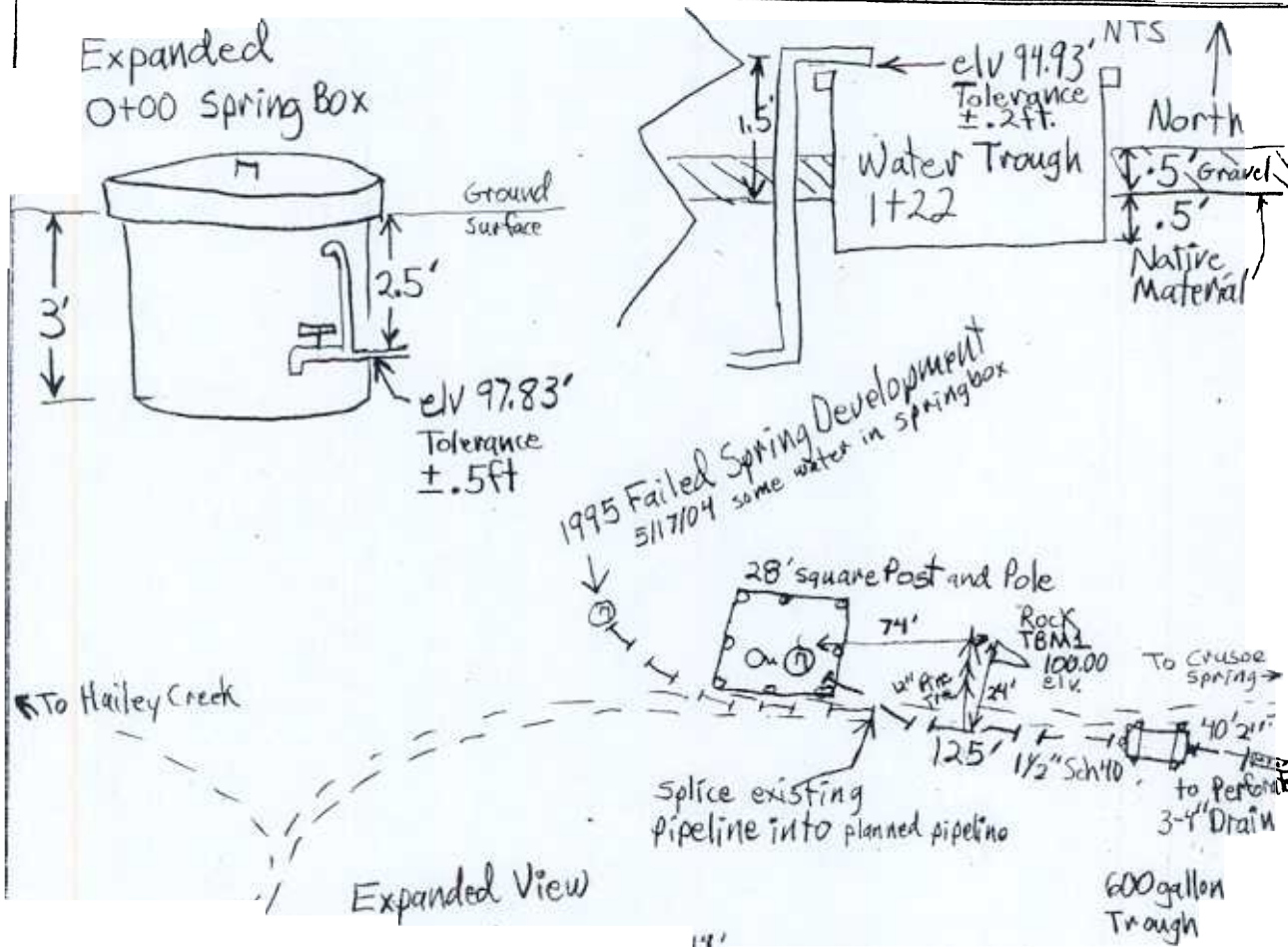
TITLE

DATE 6/18/04

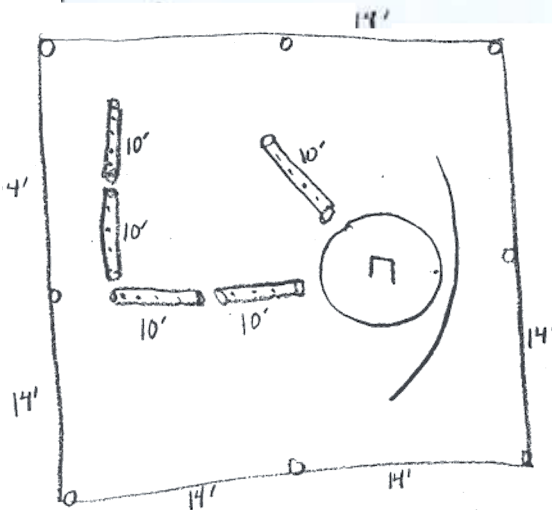
FILE

DATE

13.22



Expanded View

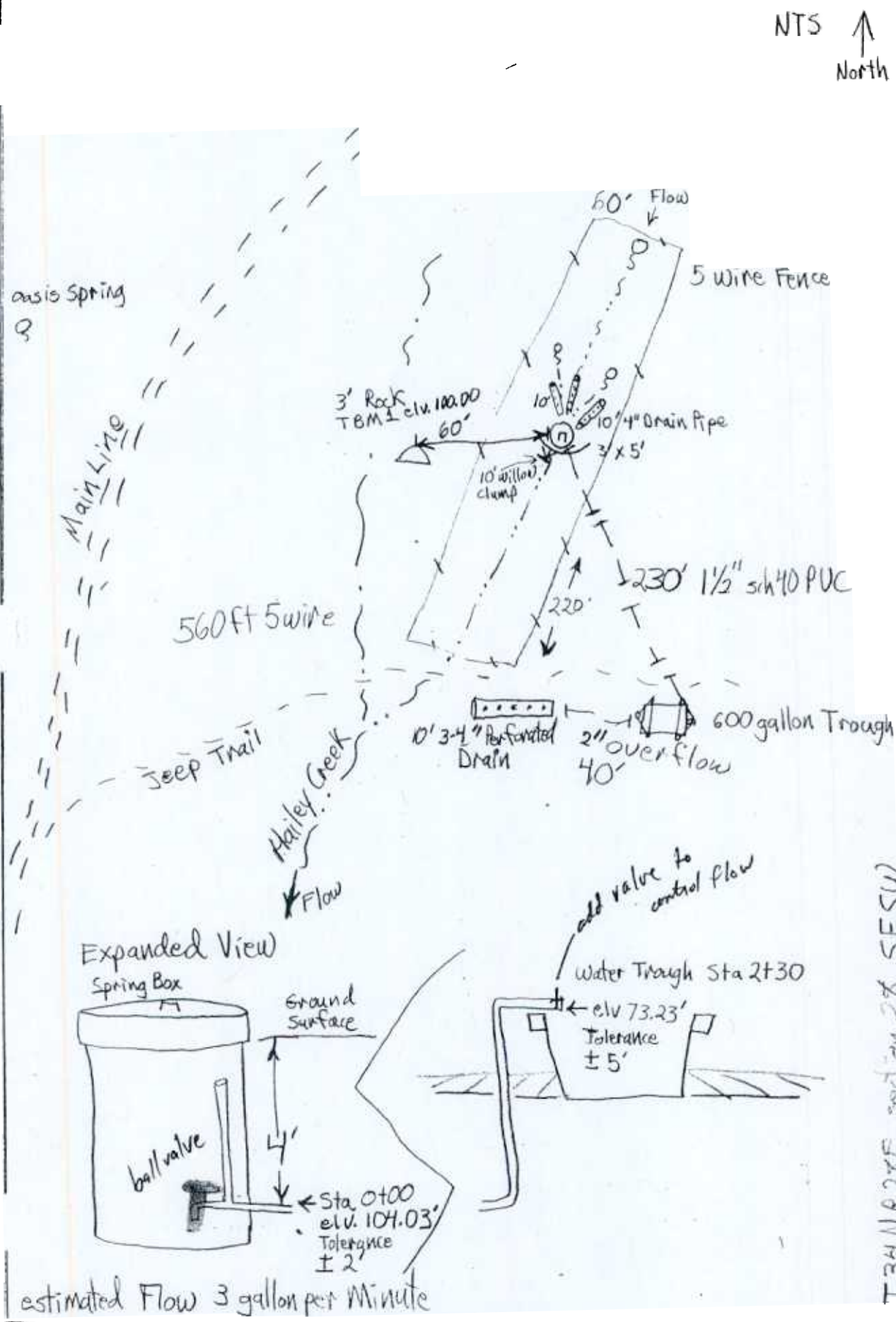


1/2 foot Post and Pole Fence

DESIGNED	DATE	11/5/01
DRAWN	DATE	
RAISED	DATE	
CHECKED	DATE	

T3 N R 28 E NW section 33
 CCT Range Unit 52
 Spring #25, NW of Crusoos Spr
 OKANOGAN COUNTY
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE
 WASHINGTON
 PLAN VIEW
 10-22

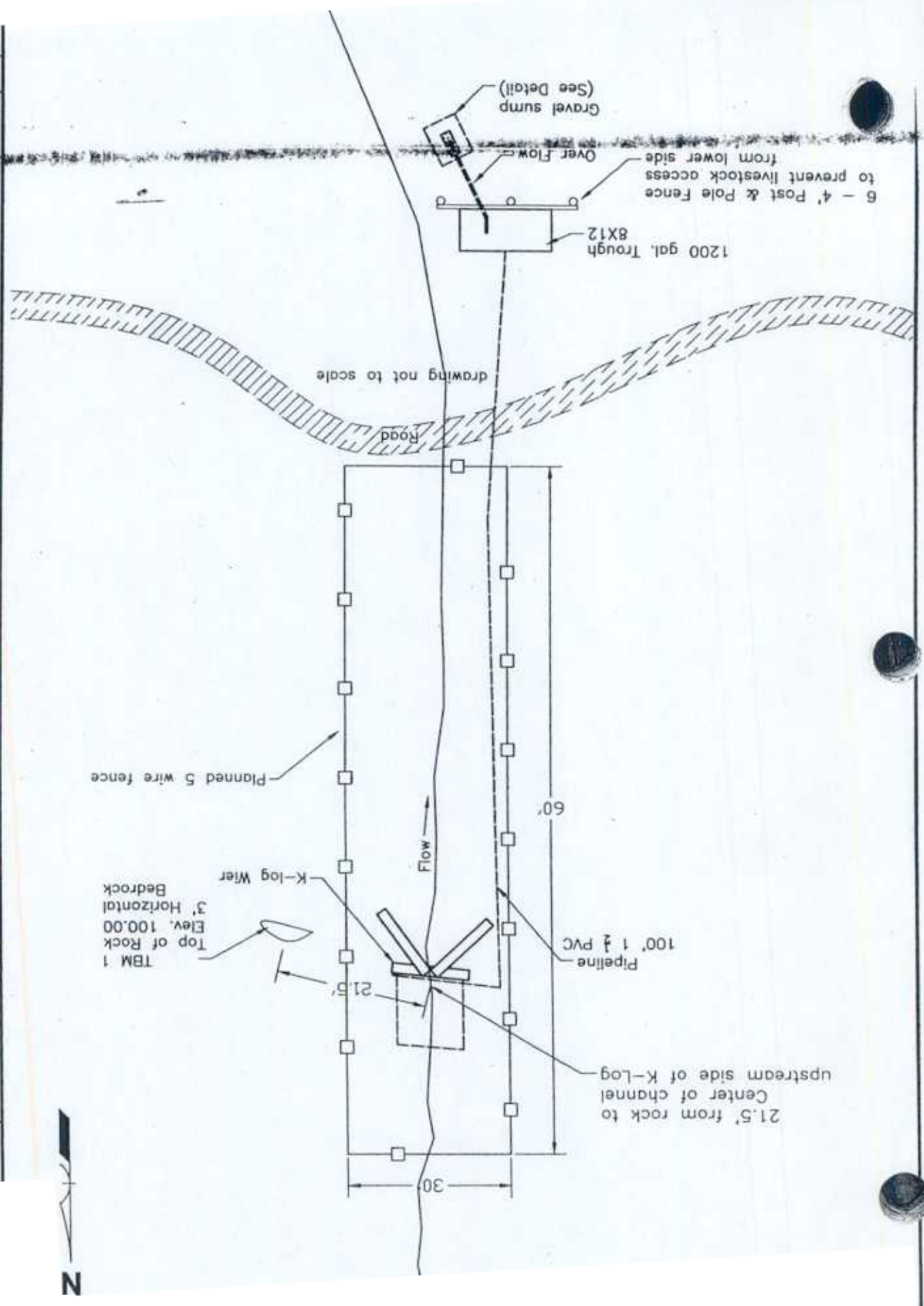
Estimated Flow 5 gallon per Minute

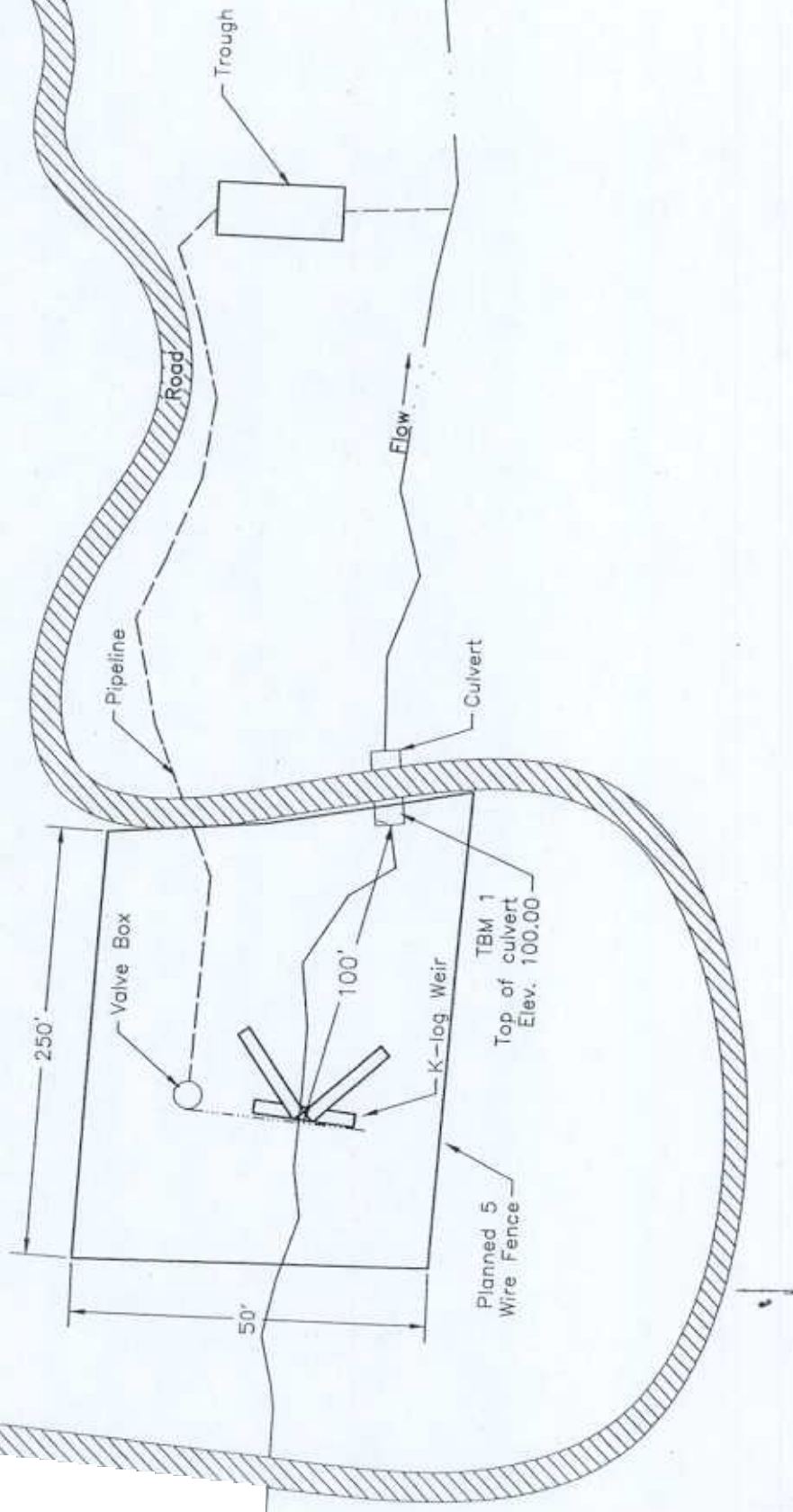


TITLE 6/18/04		DATE 11/5/02		DESIGNED Will Keller	
DATE 6/18/04		DATE 11/5/02		DRAWN Will Keller	
DATE 6/18/04		DATE 11/5/02		RECD Will Keller	
DATE 6/18/04		DATE 11/5/02		CHECKED Will Keller	
PLAN VIEW T34N R22E section 28 SESW CCT Range Unit 52 Spring 18, Headwater Hailey Creek OKANOGAN COUNTY WASHINGTON U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE					
7.22					

RANGE UNIT 10, LOWER HALEY CREEK
STRUCTURE FOR WATER CONTROL

DESIGNED BY M. Hires DATE 05/04
DRAWN BY M. Hires
APPROVED BY





(drawing not to scale)

PLAN VIEW

SPRING 4, 1 MILE E. OF VAN BRUNT SADDLE
STRUCTURE FOR WATER CONTROL, PIPELINE & TROUGH

OKANOGAN COUNTY

WASHINGTON
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

REVISION NO.

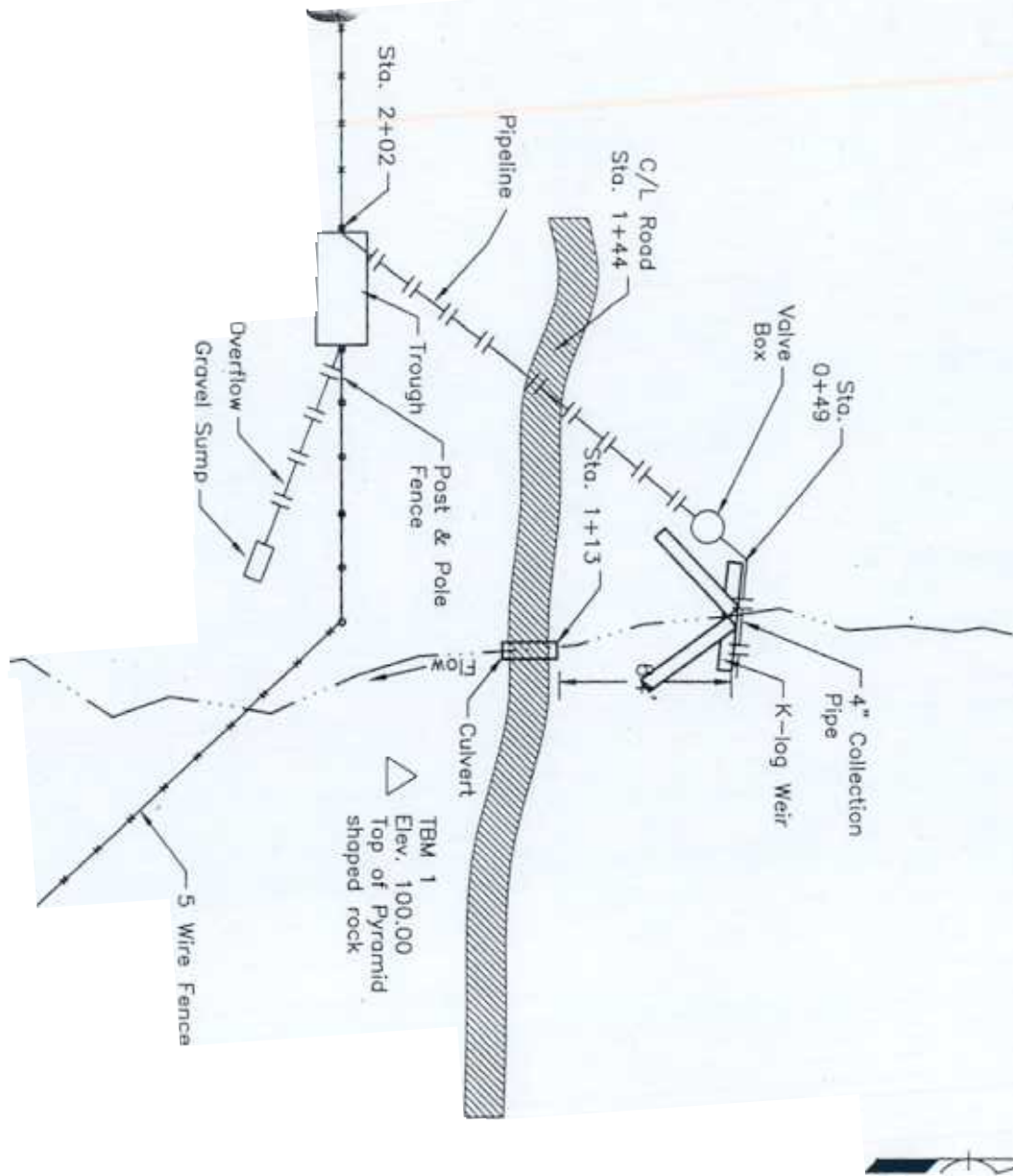
DESIGNED BY M. Mires DATE 05/03

CHECKED BY M. Mires DATE 05/03

TRACED BY DATE

APPROVED BY

TITLE



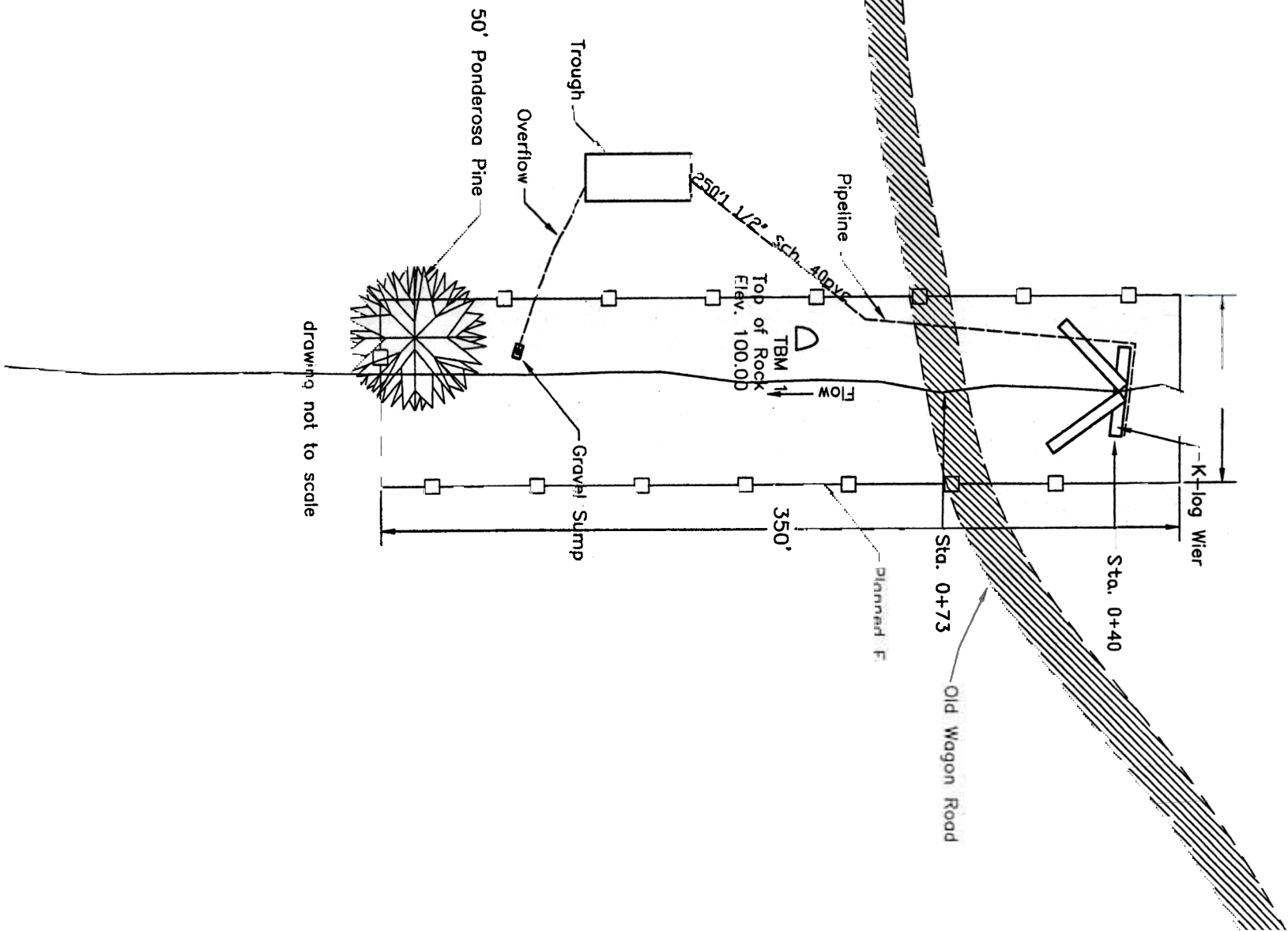
Note: Seed all disturbed areas with approved seeding mix (see Specification)

drawn

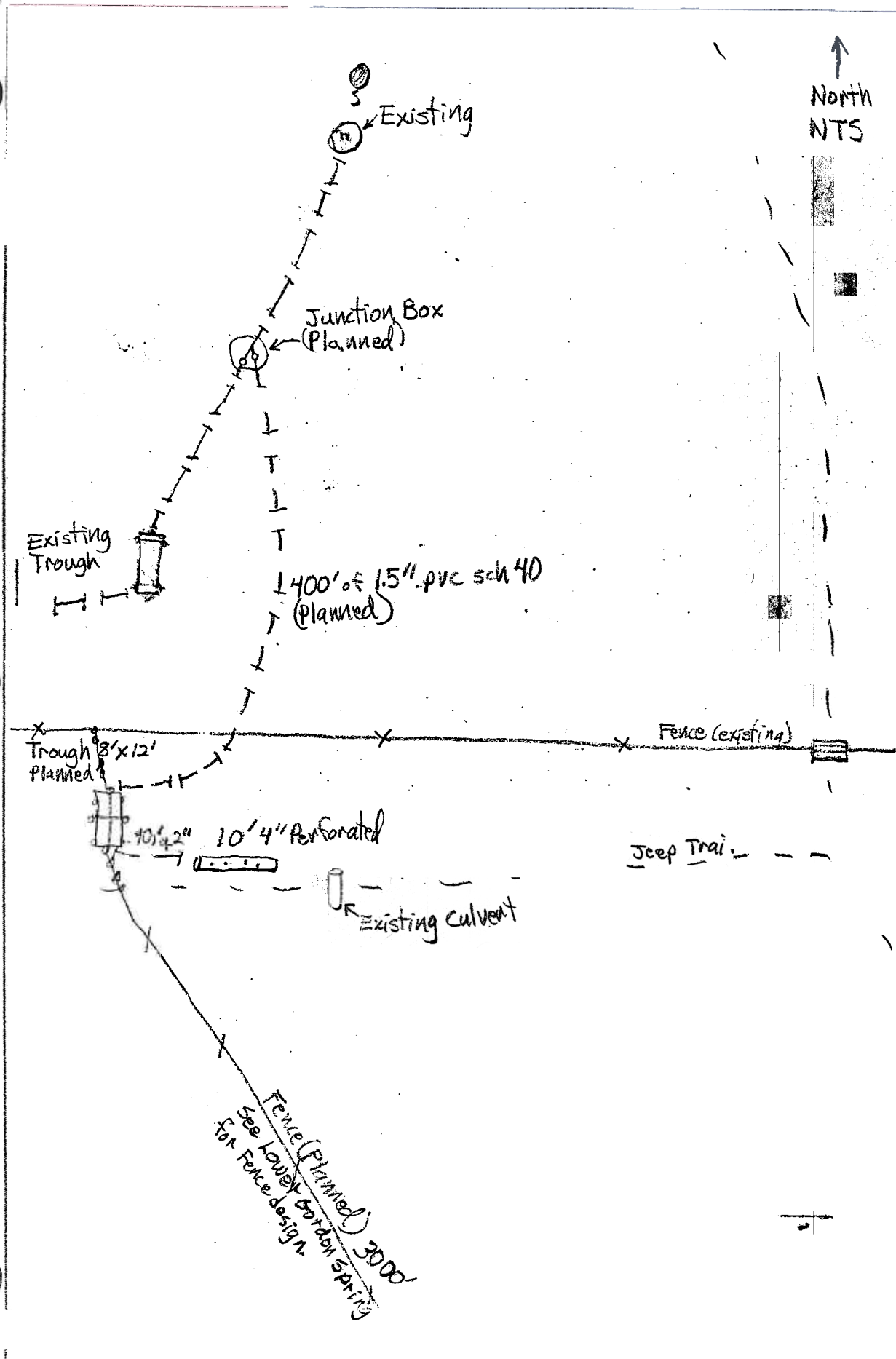
PLAN VIEW RANGE UNIT 52, UPPER HALEY CREEK STRUCTURE FOR WATER CONTROL, PIPELINE & TROUGH		DESIGNED <u>M. Mires</u> DATE <u>08/03</u> DRAWN <u>M. Mires</u> DATE <u>08/03</u> TRACED _____ DATE _____ CHECKED _____ DATE _____	APPROVED BY <u>Michelle Mires</u> TITLE <u>Soil Conservation Technician</u>
OKANOGAN COUNTY WASHINGTON U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE			

18
01.dw

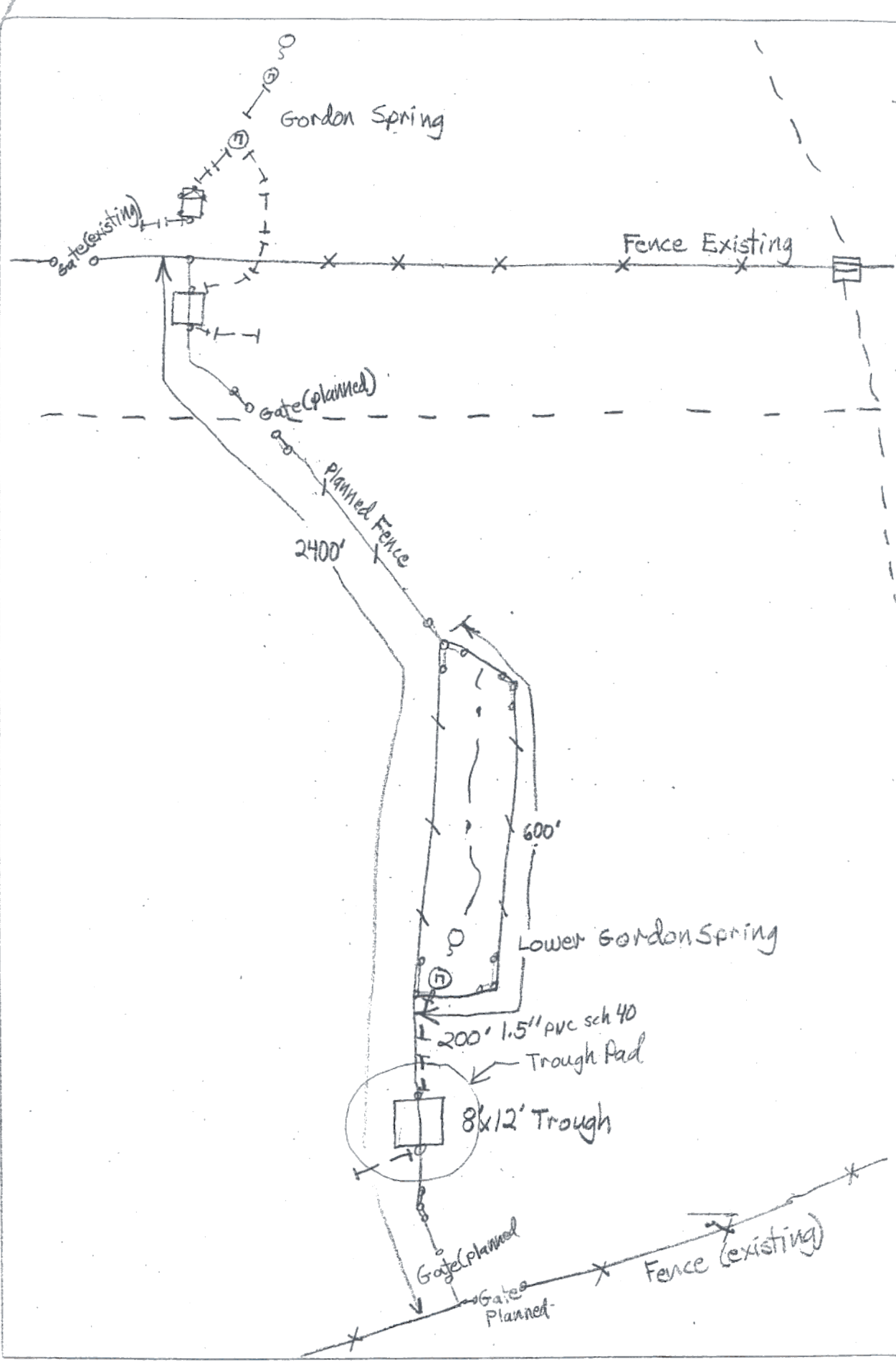
OKANOGAN COUNTY, WASHINGTON
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE



DESIGNED <u>M. Mires</u>	DATE <u>08/03</u>	APPROVED BY <u>Michelle Mires</u>
DRAWN <u>M. Mires</u>	DATE <u>08/03</u>	TITLE <u>Soil Conservation</u>
TRACED <u> </u>	DATE <u> </u>	<u>Technician</u>



DESIGNER: <u>Will Koley</u> DATE: <u>7/26/02</u> DRAWN: _____ TRACED: _____ CHECKED: _____		TITLE: _____ TITLE: _____
PLAN VIEW Gordon Spring, CCT RU52 OKANOGAN COUNTY U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CON. R. 11C		
REVISION NO. 3 of 9	DRAWING NO.	SHEET NO.



DESIGNED Will Keller DATE 7/26/62
APPROVED BY Will Keller DATE 7/26/62
TITLE
DRAWN

PLAN VIEW

DATE 7/26/62
DRAWN WJ

PROJECT NUMBER RJS R452

Lower Stapaloop, Lower Seep Spring

40mil Plastic

Build Earthen Dam

9/27/01

Will Keller

11/7/01 Will Keller complete check

50 second = 1 gal $\uparrow$ 249

11/16/01 83' Post & Pole

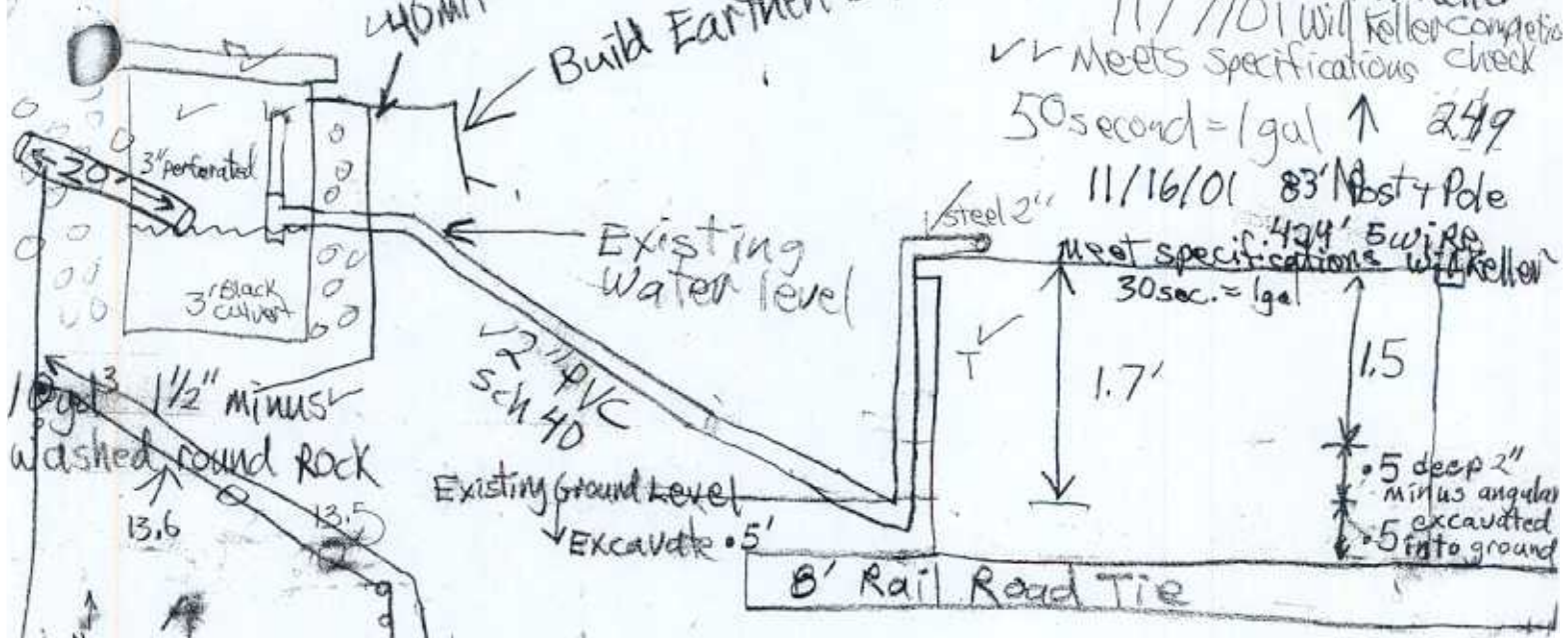
meet specifications with Keller

30 sec. = 1 gal

1.7'

1.5

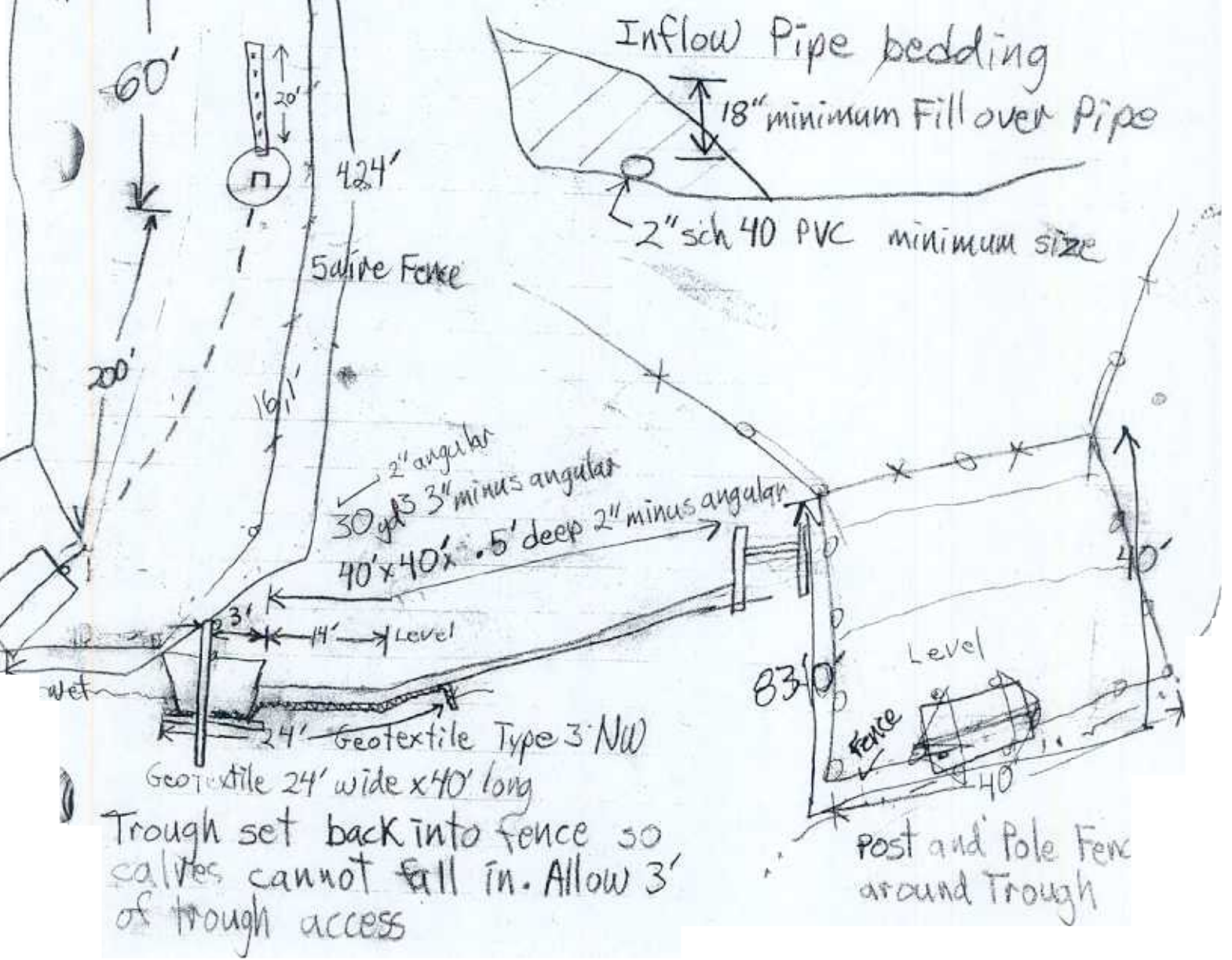
.5 deep 2" minus angular excavated into ground



Inflow Pipe bedding

18" minimum Fill over Pipe

2" sch 40 PVC minimum size



5 wire Fence

2" angular
30 gal 3" minus angular
40' x 40' .5' deep 2" minus angular

24' Geotextile Type 3 NW

Geotextile 24' wide x 40' long

Trough set back into fence so calves cannot fall in. Allow 3' of trough access

83'0"

Level

Fence

Post and Pole Fence around Trough

Material Estimate	Unit
Excavation	
Gravel	
Riprap	

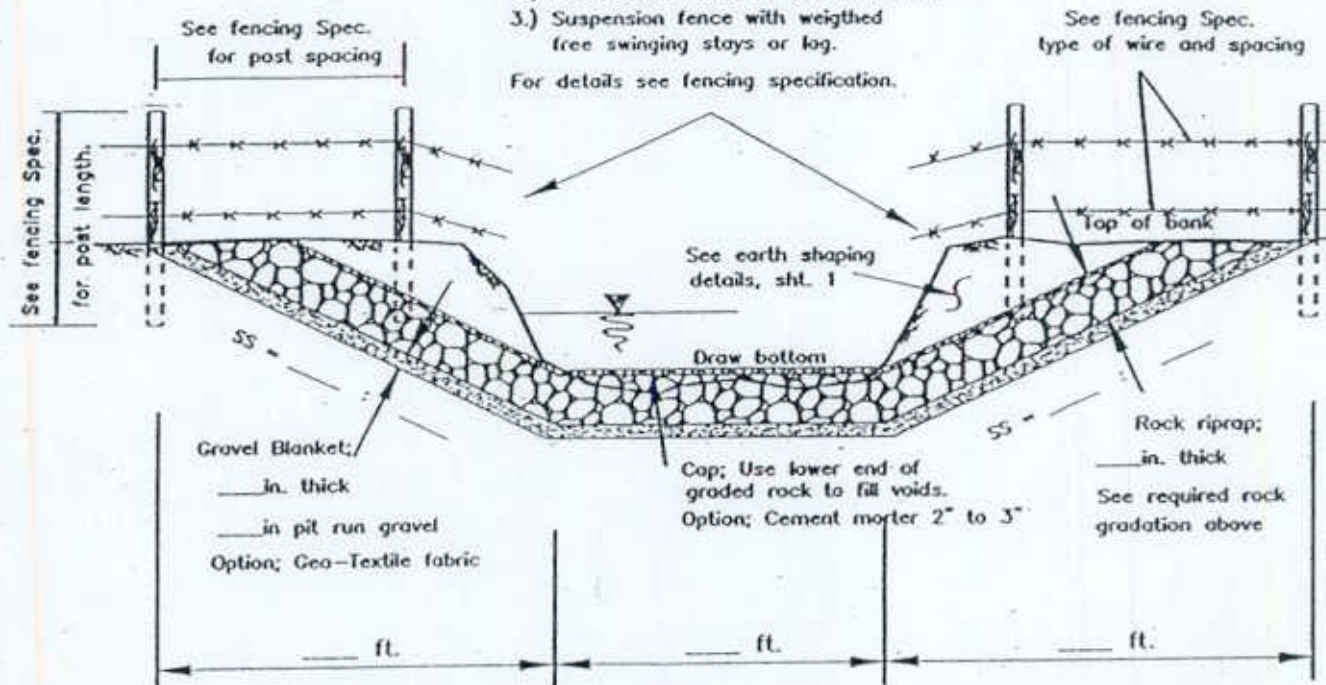
Rock riprap shall conform to the following gradation:
Use angular, dense rock.

Size Opening (inches)	% Passing Dry Wt. Basis
_____	100
_____	80 - 95
_____	45 - 80
_____	15 - 45
_____	0 - 15

OPTIONS:

- 1.) Permanent fence with weighed anchors.
- 2.) Removeable fence at end of season.
- 3.) Suspension fence with weighed free swinging stays or log.

For details see fencing specification.



CROSS SECTIONAL VIEW — ANIMAL WATER GAP

NOT TO SCALE

DESIGN DATA/CONCERNS:

- 1.) MAXIMUM S.S. SHOULD BE 3:1
- 2.) FINISHED RAMP SURFACE SHOULD BE ROUGH & SLIGHTLY IRREGULAR FOR FOOTING.
- 3.) SIZE ROCK RIPRAP FOR BANK FULL VELOCITIES.
- 4.) MINIMUM GAP WIDTH SHOULD BE 12 FT.
- 5.) FENCE WIDTH SHOULD NOT EXCEED 2 FT. GREATER THAN THE ROCK GAP WIDTH.
- 6.) _____

THE FOLLOWING SPECIFICATIONS ARE ATTACHED:

- 1.) _____
- 2.) _____
- 3.) _____
- 4.) _____

Job Code: _____, Job Class _____

REFERENCE

Owner: _____

Project Location: _____

NATURAL RESOURCES
CONSERVATION SERVICE

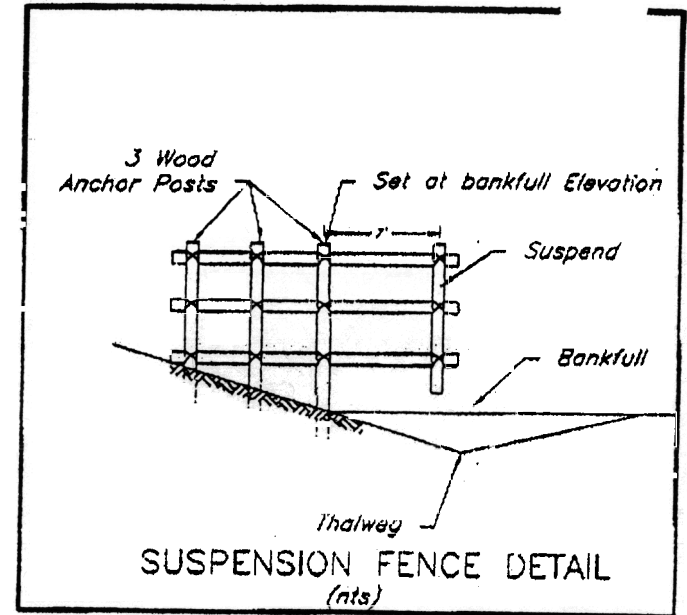
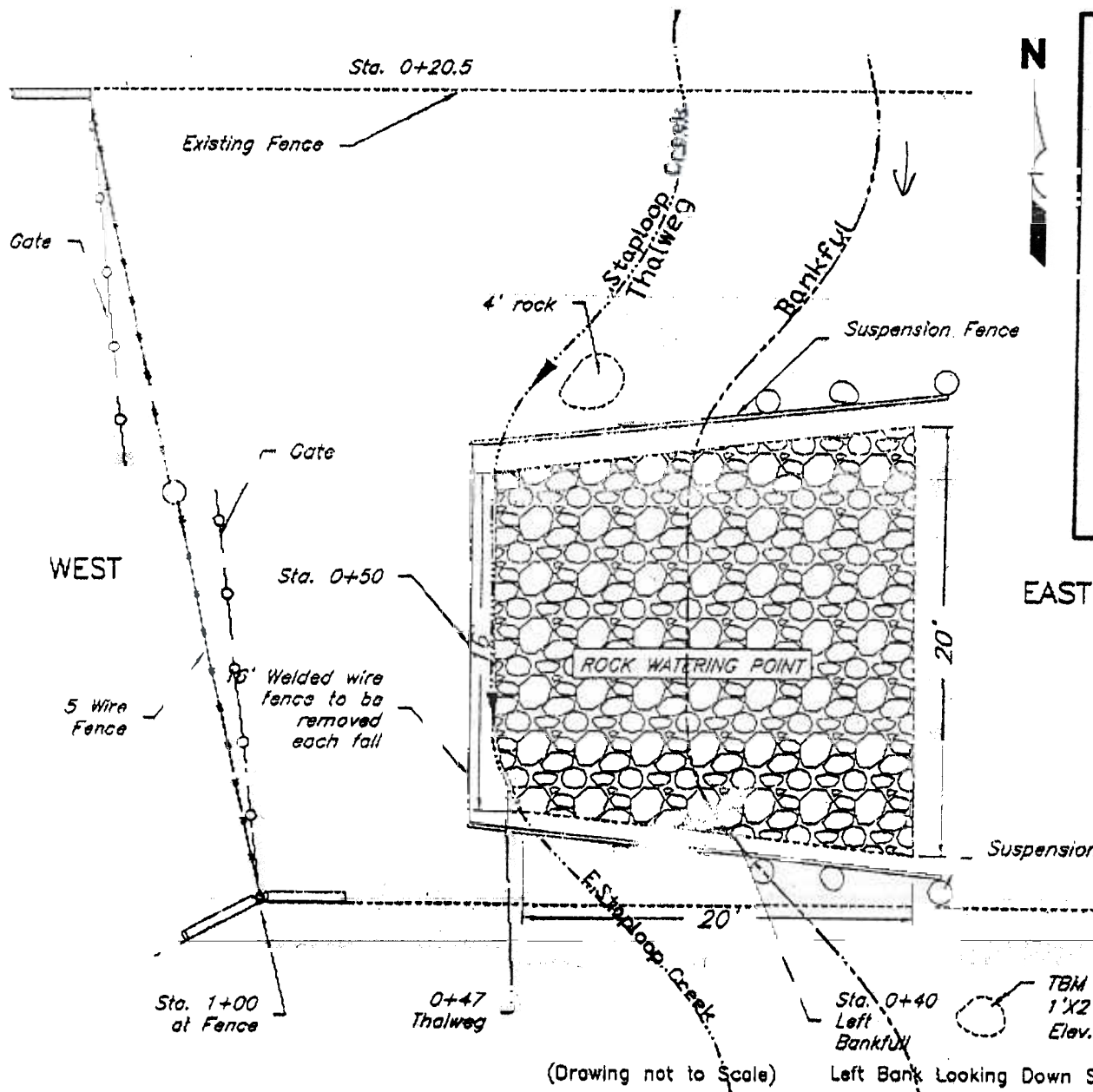
U.S. DEPARTMENT OF AGRICULTURE

STANDARD DWG. NO.

H20gap.dwg

SHEET 2 OF 2

DATE: _____



PLAN VIEW <EXAMPLE>

ROCK WATERING POINT
COLVILLE CONFEDERATED TRIBES

OKANOGAN COUNTY

WASHINGTON

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

DESIGNED

DRAWN

TRACED

DATE 04/04

DATE 04/04

DATE

APPROVED BY

TITLE

SW 1/4, SW 1/4, Sec. 12
T.33N., R.28E.