

A. GENERAL INFORMATION

Exam Date: 7/1/2014

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| GROUND WATER | |

1. Other water rights with the same place of use: 91-7677, 91-7661, 91-7651
2. Other water rights with the same point of diversion: None

Method of Determination: GPS and Maps

PLACE OF USE: MUNICIPAL

[illegible]

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
D0055442		5			

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
FUJI	Ultrasonic Flowmeter		S1011	7K0079TB		3/2/2014

2. Measurements: 68GPM

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: MUNICIPAL 1.2AF X 34 HOMES = 40.8AF.

G. NARRATIVE/REMARKS/COMMENTS

34 HOMES WITH YARDS. 68GPM OR 0.15CFS.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS**

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
MUNICIPAL	01/01 to 12/31	0.150 CFS	40.80 AF
<u>Totals:</u>		0.150 CFS	40.80 AF

2. Recommended Amendments

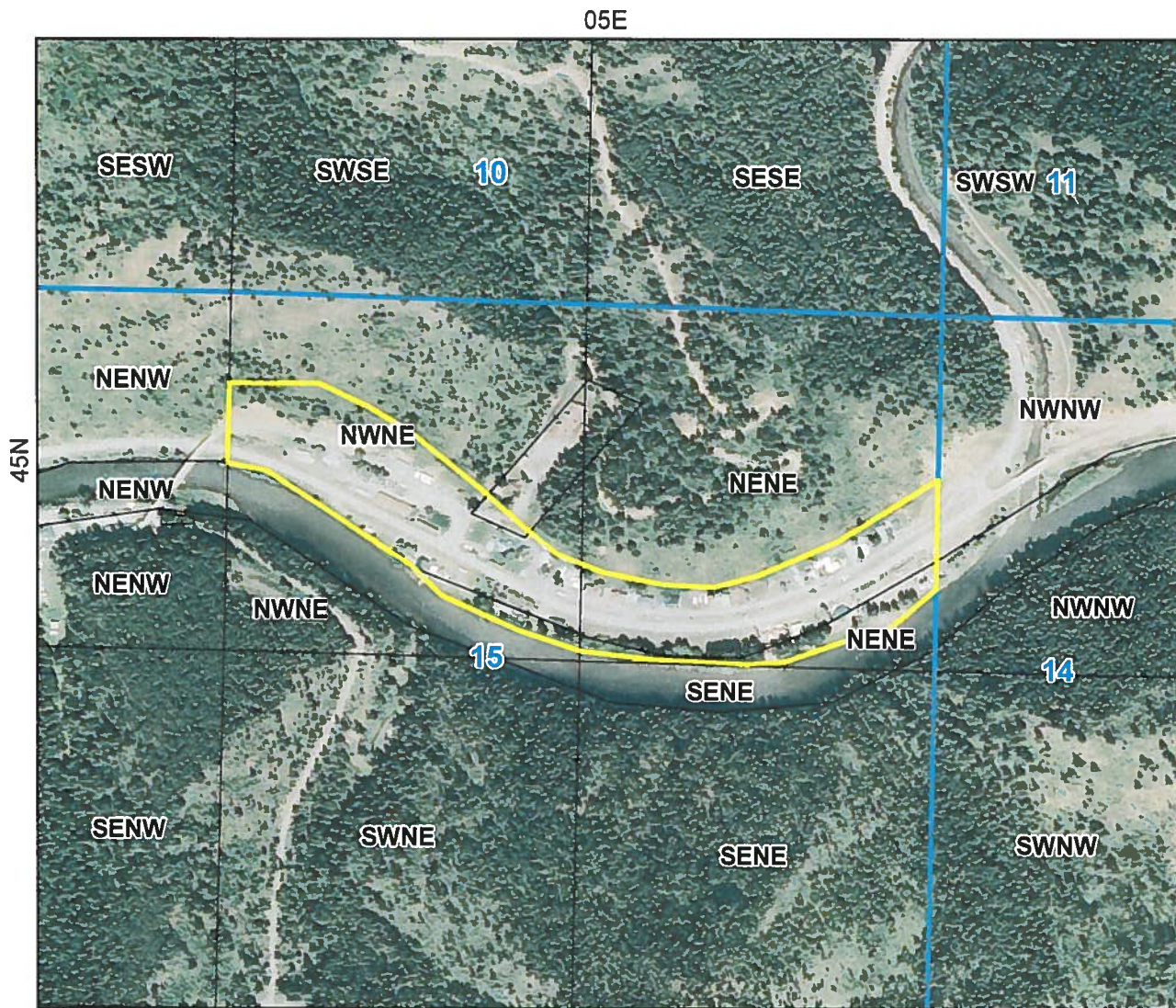
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other
I. AUTHENTICATIONField Examiner's Name Erik [Signature] Date 12-24-2014Reviewer Adam Frederick [Signature] Date 12-24-2014

Avery Water & Sewer District

Water Right License

91-7170



-  Water Service Area Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.075 0.15 0.3 Miles



IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0055442

Drilling Permit No. 853789

Water right or injection well # N019618

2. OWNER

Name Avery Water and Sewer Association Inc.

Address P.O. Box 133

City Avery State ID Zip 83802

3. WELL LOCATION:

Twp. 45 North ☒ or South ☐ Rge. 5 East ☒ or West ☐

Sec. 14 1/4 NW 1/4 NW 1/4

Gov't Lot _____ County Shoshone

Lat. _____ (Deg. and Decimal minutes)

Long. _____ (Deg. and Decimal minutes)

Address of Well Site Intersection of Milwaukee Rd. and HWY 50

City Avery

(Give at least name of road or distance to road or landmark)

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

☐ Domestic ☒ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite	0	25	200 lbs	Tremmie Pipe
Grout				Pressure Grouted

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
8	+2	80	.322	Steel	☒	☐	☐	☒
6	-15	205	.200	PVC	☐	☒	☐	☐

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Drilled 3/8" Holes

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
165	205	3/8"	120	6	PVC	200

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
-----------------	-----------	---------	------------------------------------	------------------

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device Steel Cap Welded

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 25 Static water level (ft) 24

Water temp. (°F) _____ Bottom hole temp. (°F) _____

Describe access port _____

Well test:

Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
100%	80 GPM	1 Hour	☐	☐	☒	☐

Water Quality test or comments: Clear, Cold, with Slight Odor

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water Y	N
14	0	25	Sand and gravels coarse with clay	X	
10	25	35	Coarse gravels	X	
10	35	37	Coarse gravels with clay		X
10	37	61	Shale gray/brown soft		X
10	61	81	Shale gray firm		X
8	81	118	Shale gray/brown firm		X
8	118	125	Shale gray/brown fractured	X	
8	125	155	Shale gray/brown firm		X
8	155	163	Shale gray/brown fractured	X	
8	163	181	Shale gray/brown firm		X
8	181	186	Shale gray/brown very fractured	X	
8	186	205	Shale gray/brown firm		X

RECEIVED

NOV 17 2008

IDWR/North

NOV 17 2008

IDWR/North



UNITED
PUMP & DRILLING

3125 W. Hayden Ave. Hayden, ID 83835
Office (800) 682-9441 (208) 772-7867

Completed Depth (Measurable) _____

205 FT

Date: Started 10-13-08

Completed 10-17-08

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name United Pump & Drilling

Co. No. 636

*Principal Driller Jason Beckham

Date 10-20-08

*Driller _____

Date 10-20-08

*Operator II _____

Date _____

Operator I _____

Date _____

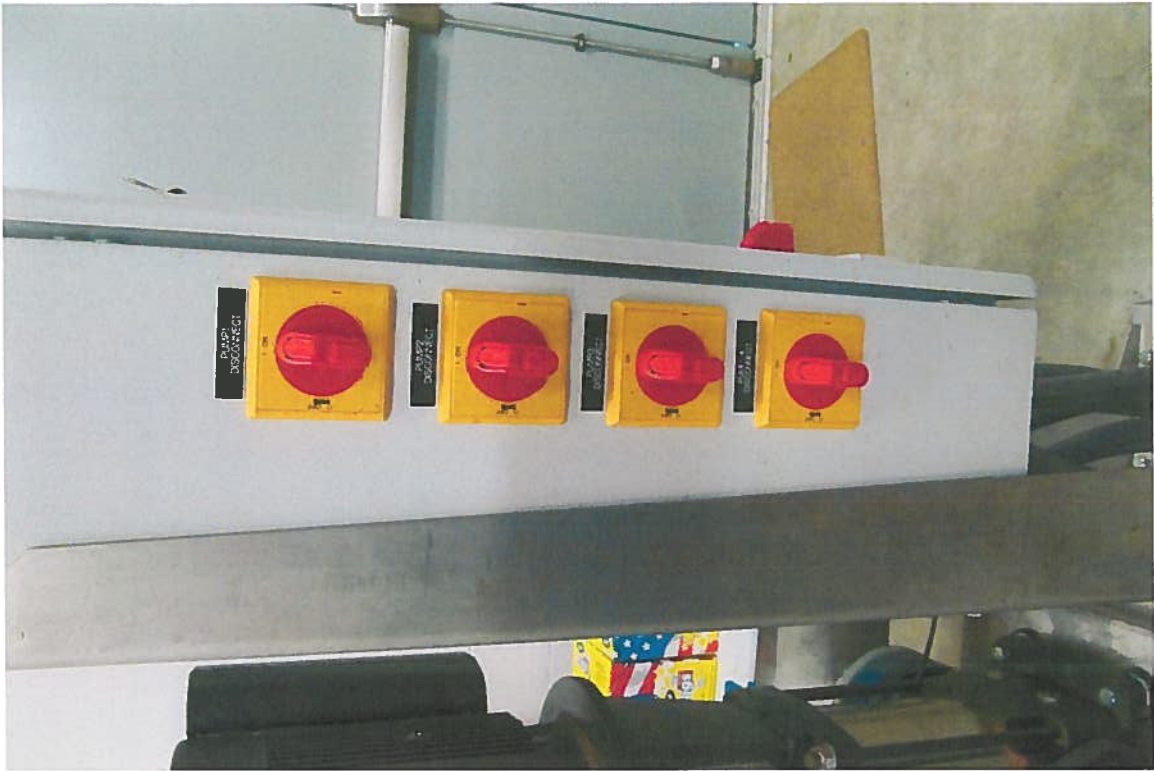
* Signature of Principal Driller and rig operator are required.

45N 05E 14

91-7170



91-7170



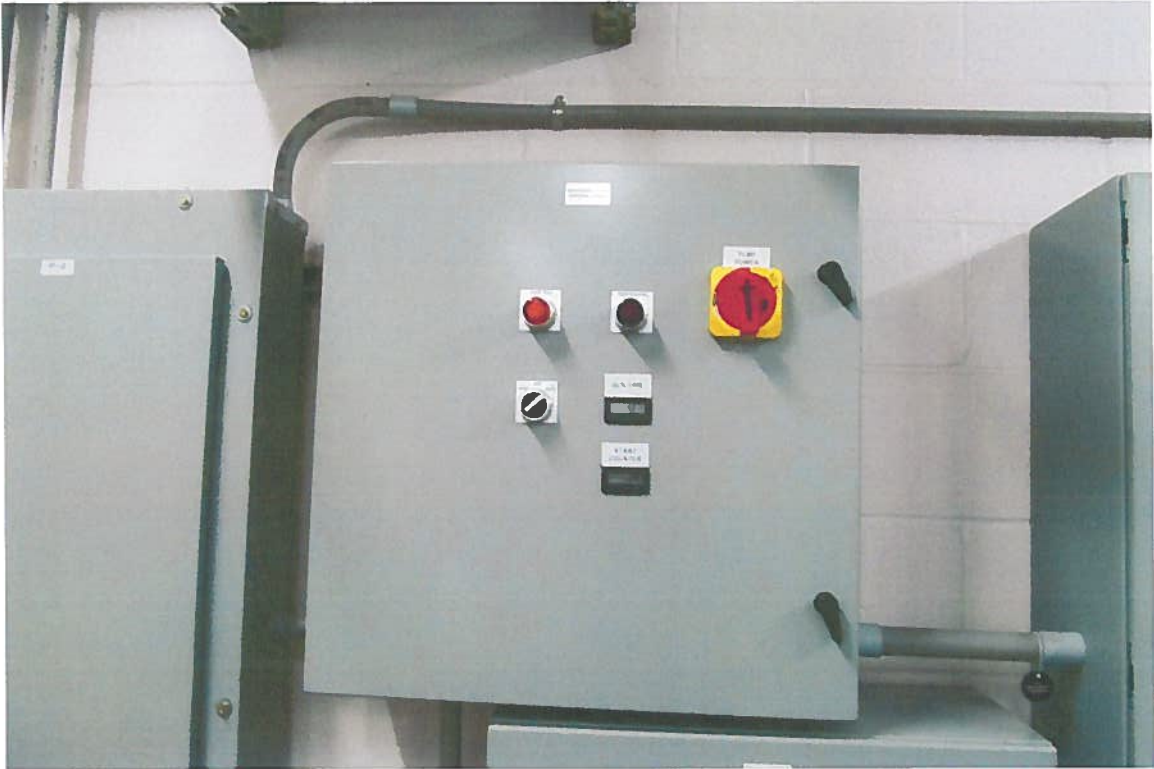
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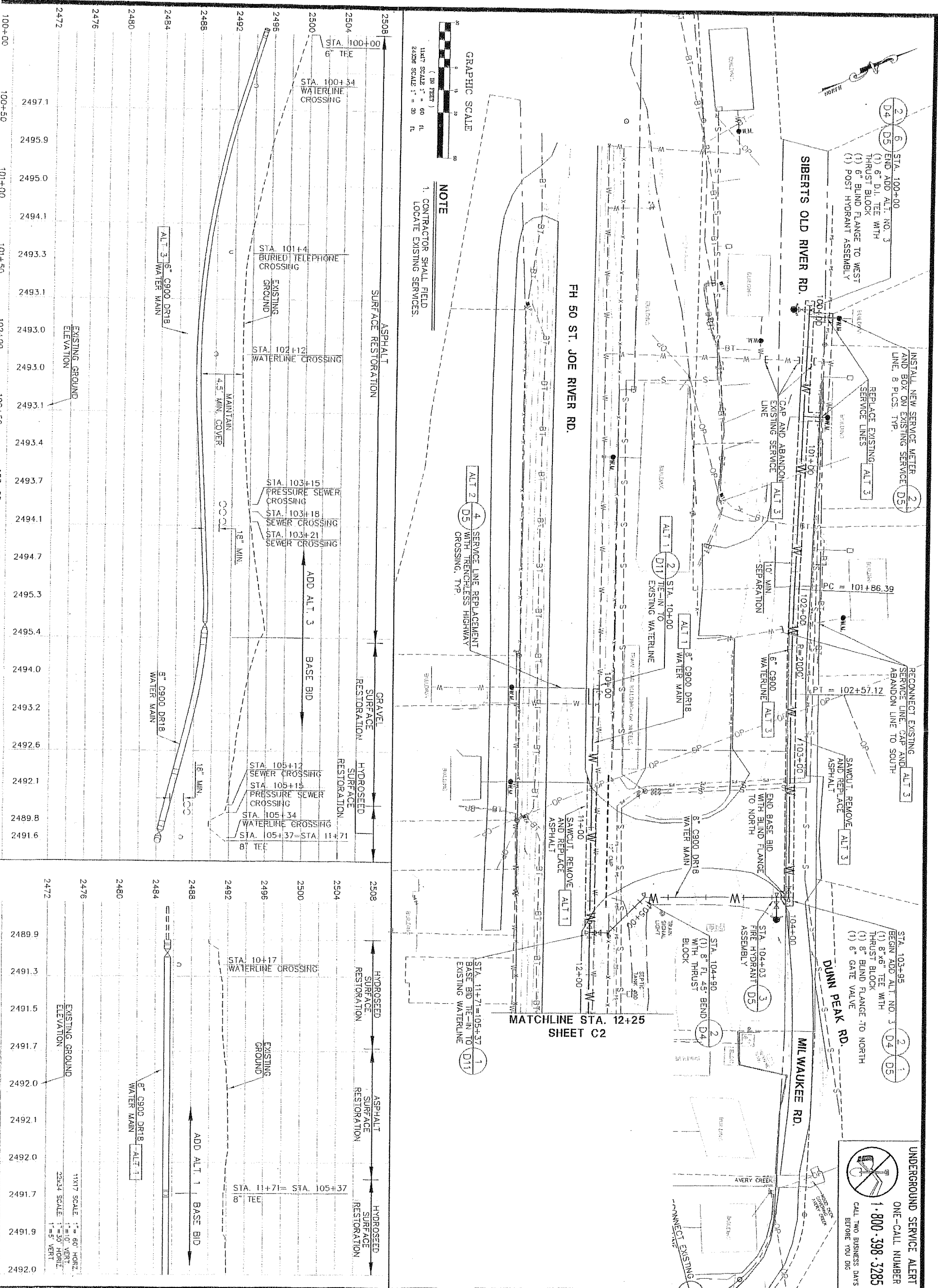


91-7170



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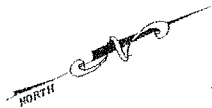




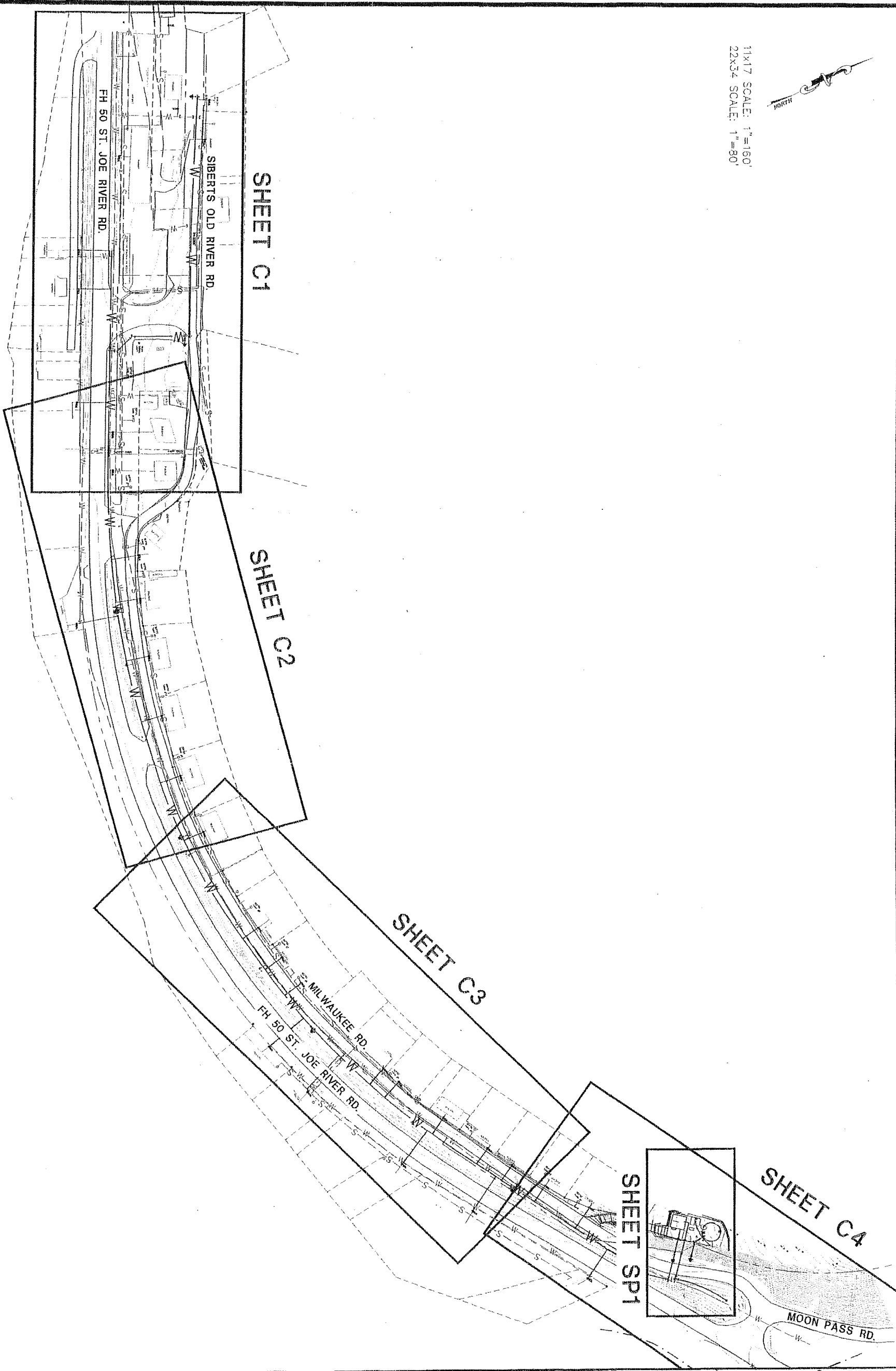
AVERY WATER AND SEWER DISTRICT

WATER SYSTEM
IMPROVEMENTS

PLAN/PROFILE



11x17 SCALE: 1"=150'
22x34 SCALE: 1"=80'



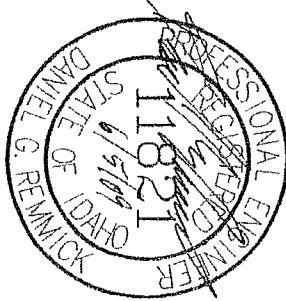
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DESIGNED BY: DGR
DRAWN BY: JAL
CHECKED BY: MK
DWG NAME: 12066FL02.DWG
DATE: 06-04-09
SHEET NO:

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WATER SYSTEM IMPROVEMENTS

PROJECT OVERVIEW

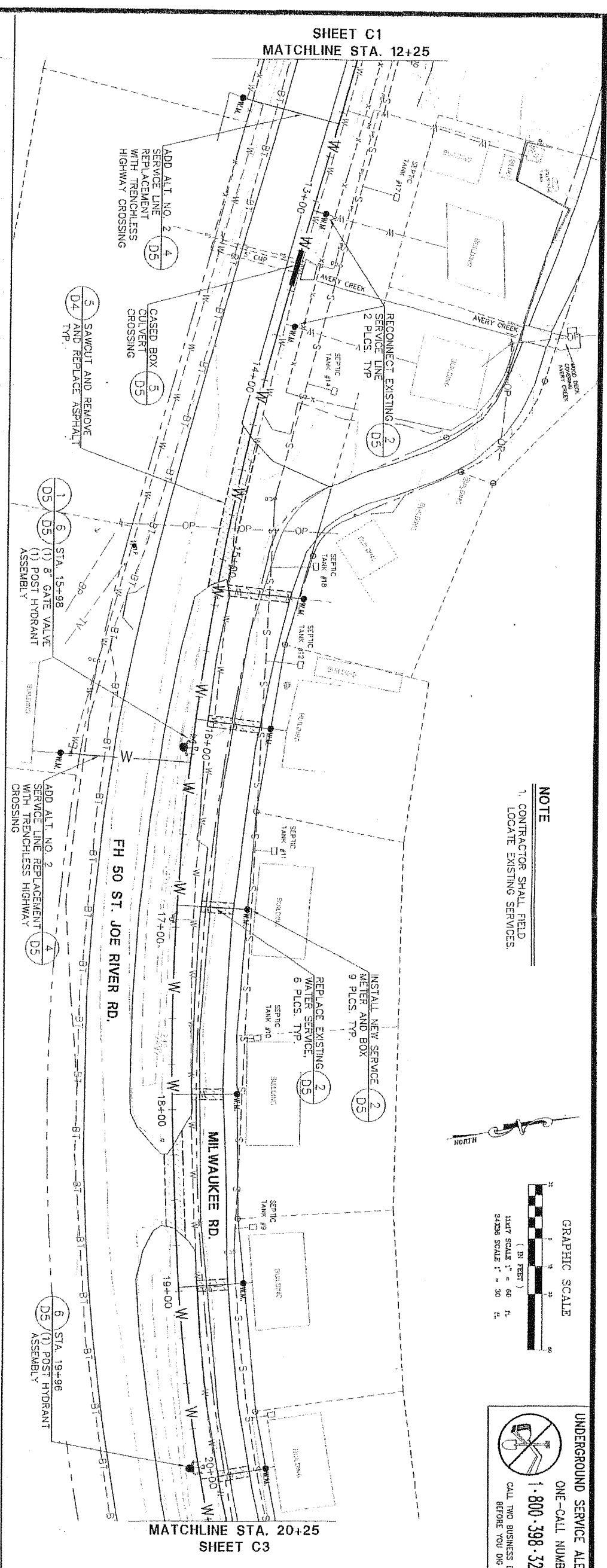
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Coeur d'Alene, ID 83815
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(toll free) 877-815-5672
(fax) 208-664-5946

NO.	DATE	REVISION DESCRIPTION	BY



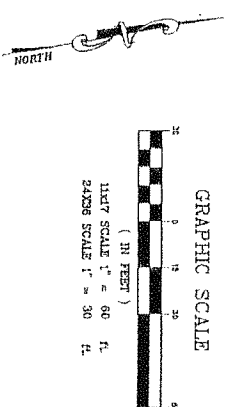
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CO



NOTE

1. CONTRACTOR SHALL FIELD
LOCATE EXISTING SERVICES.



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1-800-398-3285
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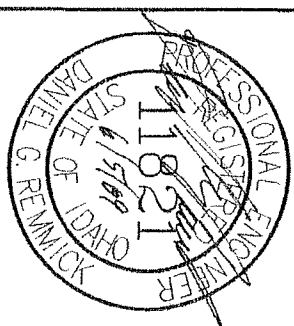
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DESIGNED BY: DGR
DRAWN BY: JAL
CHECKED BY: *DL*
DWG NAME: 12066PL02.DWG
DATE: 06-04-09
SHEET NO.:

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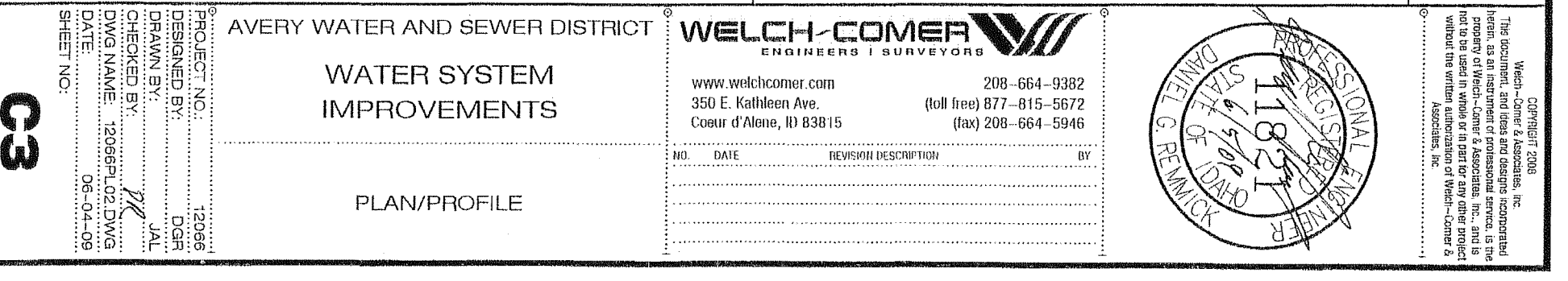
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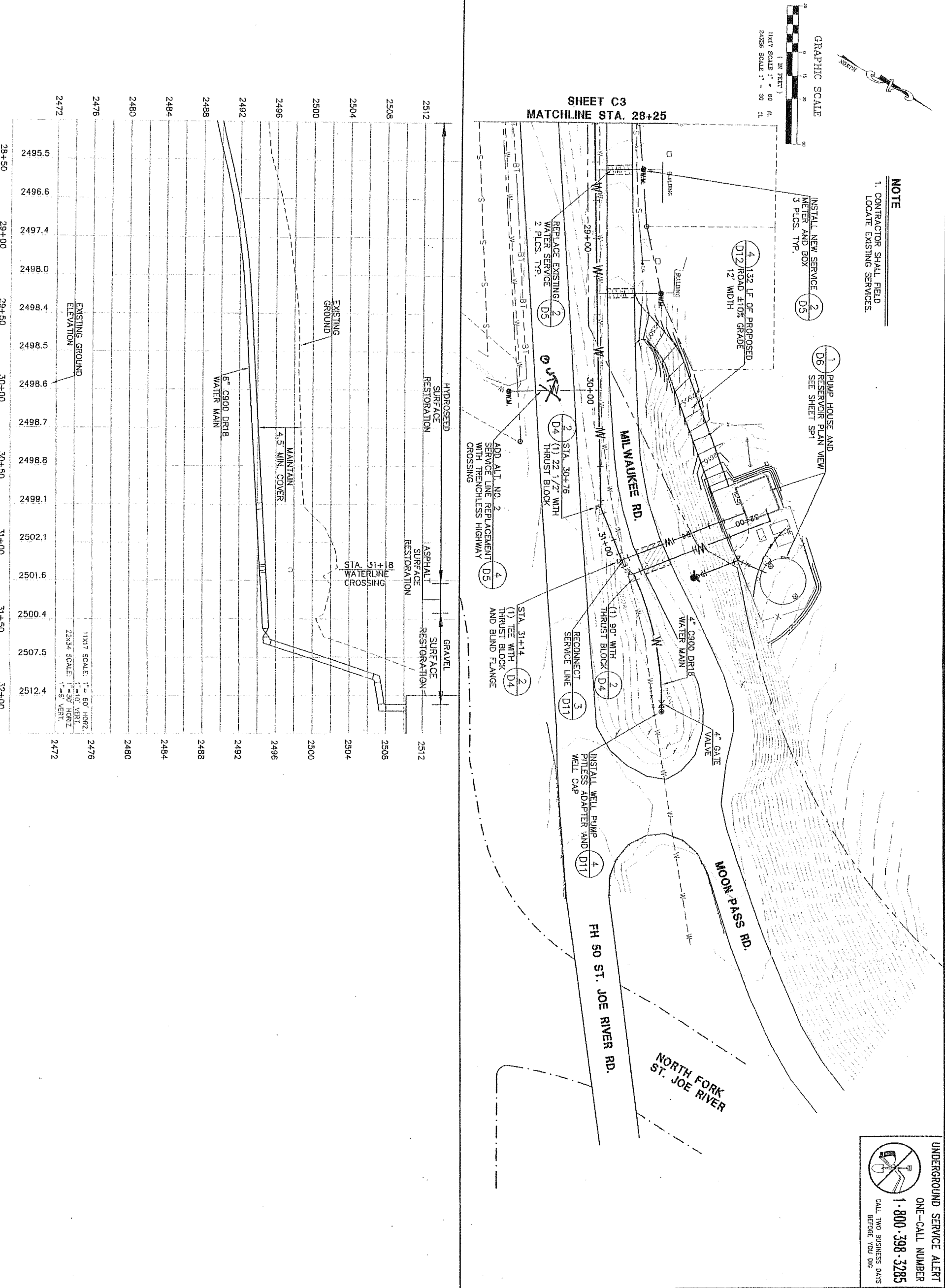
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WATER SYSTEM
IMPROVEMENTS

PLAN/PROFILE

A circular professional engineer seal for Daniel G. Remmick, State of Idaho. The seal contains the text "PROFESSIONAL ENGINEER", "STATE OF IDAHO", "DANIEL G. REMMICK", and the license number "11821". The date "6/5/09" is stamped over the license number. The seal is crossed out with a large 'X'.



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PROFESSIONAL ENGINEER
REGISTERED
11821
STATE OF IDAHO
DANIEL G. REMMICK

PROJECT NO.: 12066
DESIGNED BY: DGR
DRAWN BY: JAL
CHECKED BY: JAL
DWG NAME: 12066P1.G2.DWG
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PLAN/PROFILE

**WATER SYSTEM
IMPROVEMENTS**

AVERY WATER AND SEWER DISTRICT

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