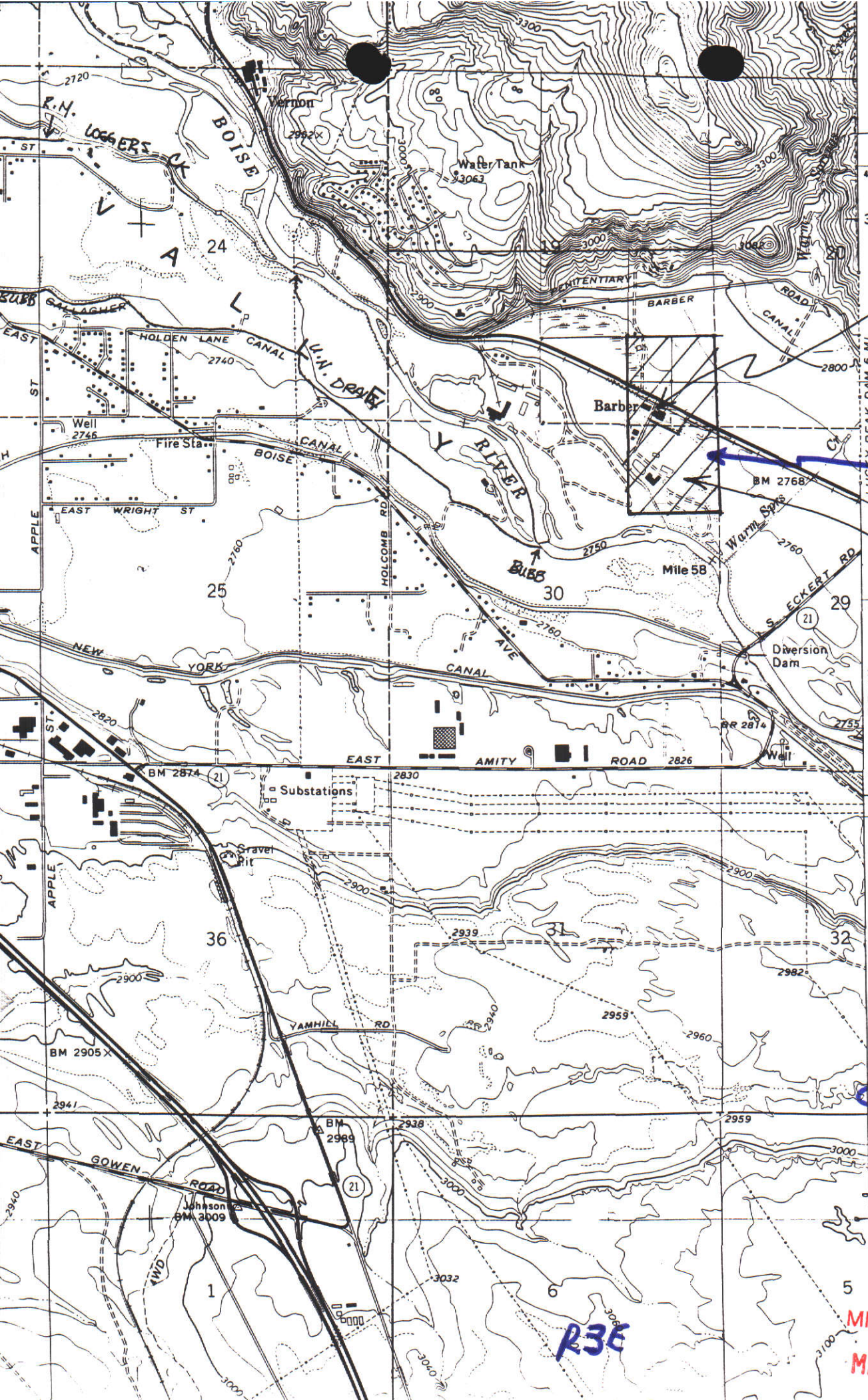
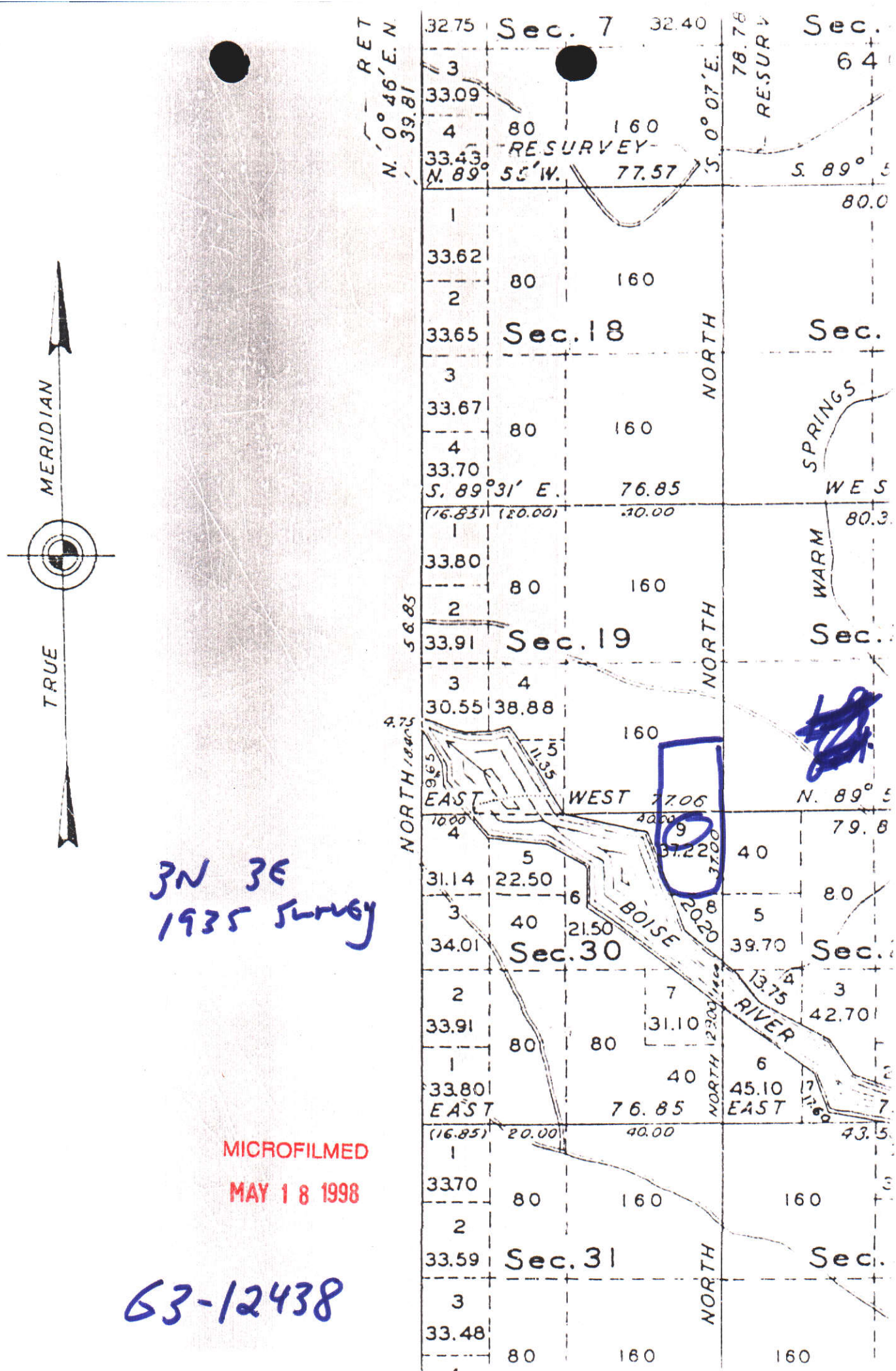

POINT of DIVERSION
No gov't lot *
SE ¼ S. 19
Lot 9 *
PLACE OF USE
DURA-TOP APPLICATION
* PR 3/13/98
1935 survey
T. 3 N.
T. 2 N.
R3E
63-12438
MICROFILMED
MAY 18 1998
BOISE VALLEY
R.N. LOGGERS CK
Vernon
Water Tank
PENITENTIARY
BARBER
CANAL
Barber
BM 2768
LUCKY PEAK DAM 6 MI.
Warm Spgs
Mile 58
S. ECKERT RD
Diversion Dam
(LUCKY PEAK) 2771 II SE
BM 2874
Substations
Gravel Pit
EAST AMITY ROAD
NEW YORK CANAL
BOISE CANAL
HOLDEN LANE CANAL
GALLAGHER
EAST WRIGHT ST
APPLE
HOLCOMB RD
LATERAL
RIVER
Well
Fire Sta
BM 2905
YAMHILL RD
EAST GOWEN ROAD
Johnson BM 3009
BM 2989
24
25
30
29
36
31
32
1
6
5
19
20
35'
32'30"



3N 3E
1935 Survey

MICROFILMED
MAY 1 8 1998

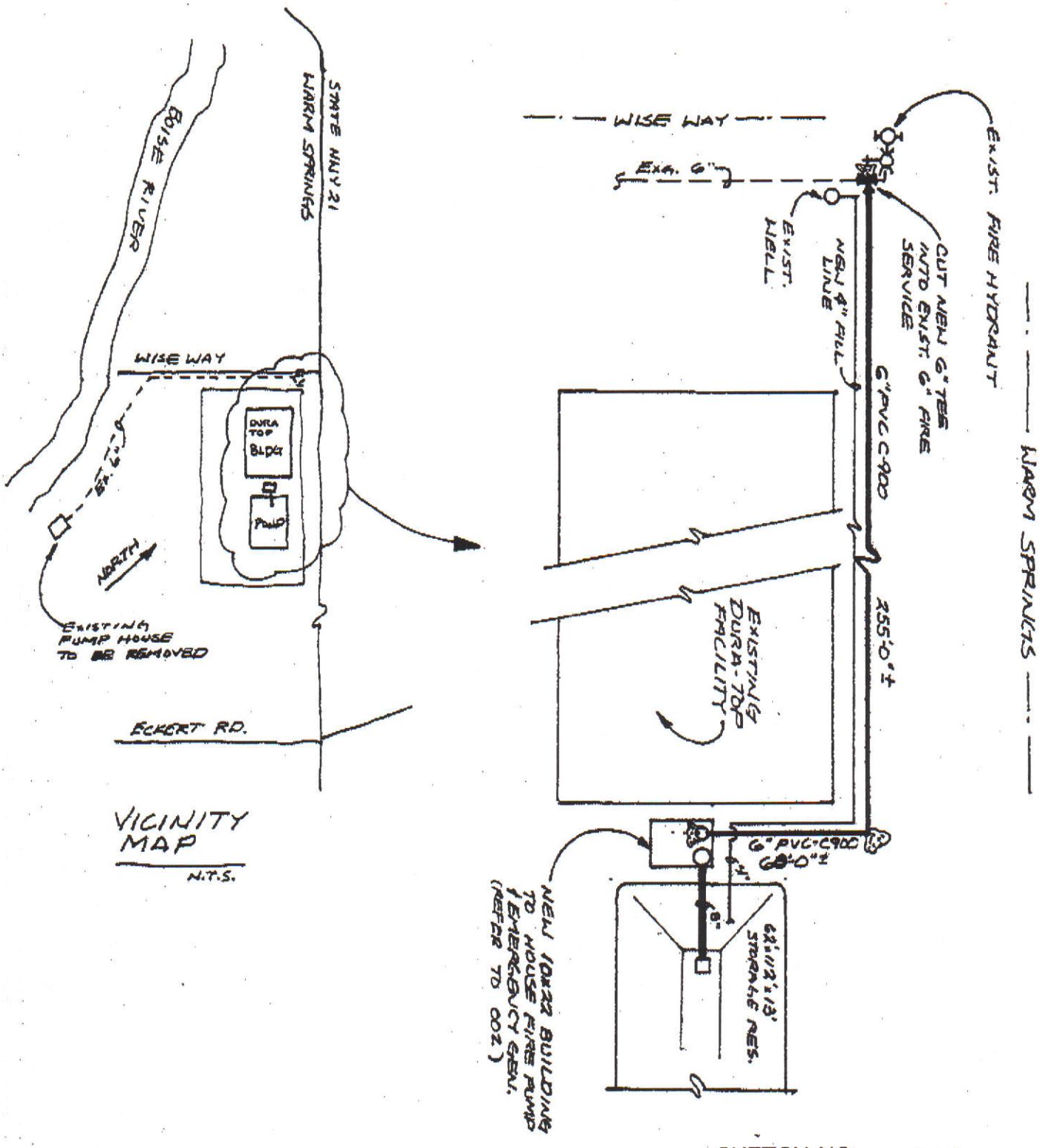
63-12438

(1)

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA TOP PUMP JOB NO: 9879



SKETCH NO: 001

TITLE: SITE PLAN DCR REF: _____

63-12438

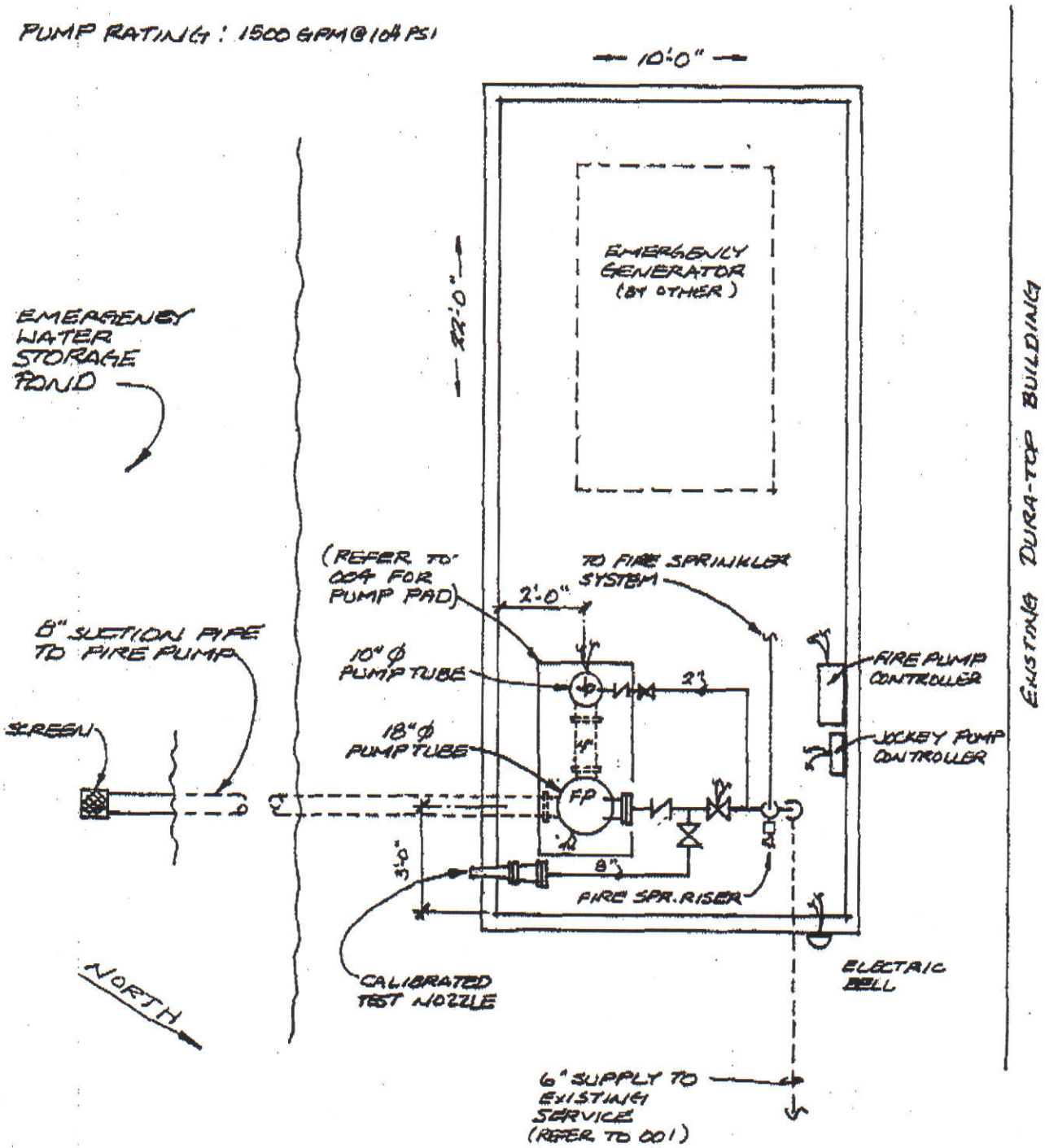
(2)

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP PUMP JOB NO: 9879

PUMP RATING: 1500 GPM @ 104 PSI



SKETCH NO: 002

TITLE: PUMP BUILDING PLAN DCR REF: _____

63-12438

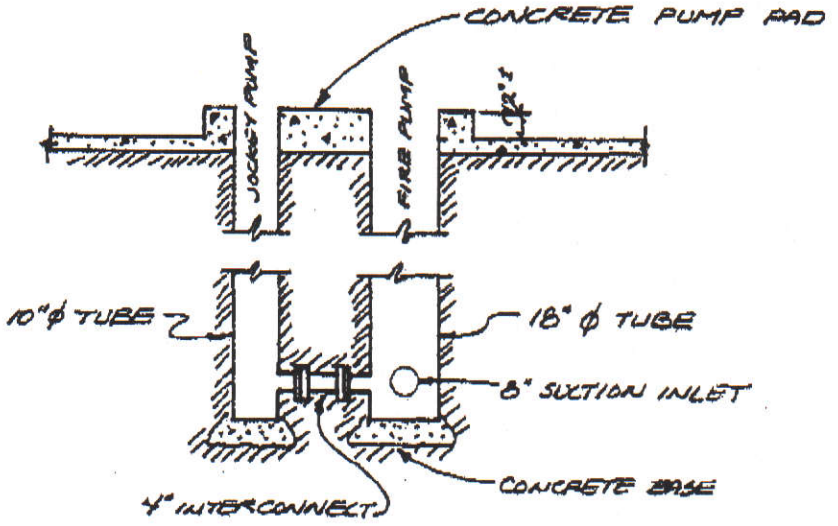
3

Treasure Valley Fire Protection, Inc.

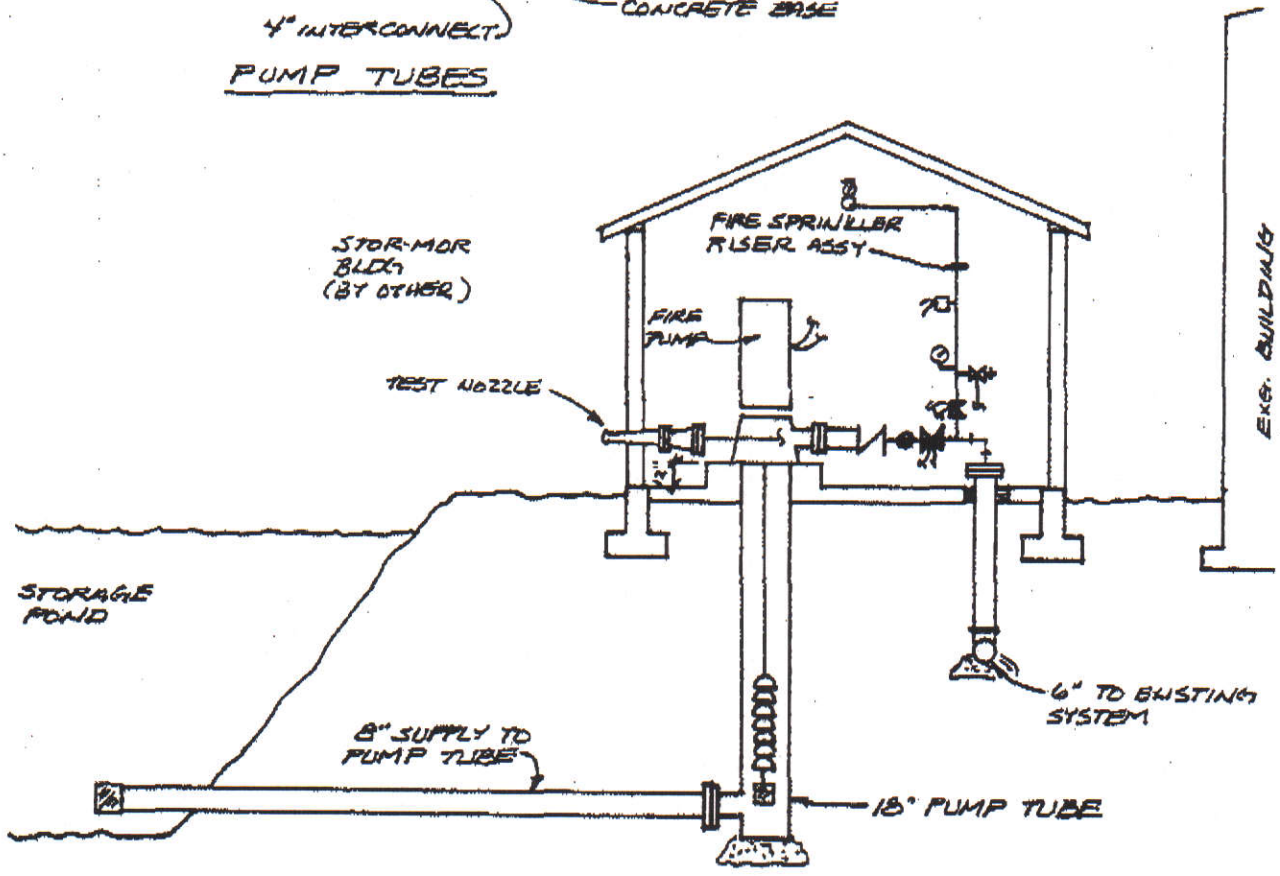
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA TOP PUMP JOB NO: 9879



PUMP TUBES



BUILDING SECTION

SKETCH NO: 003

TITLE: MISC DCR REF: _____

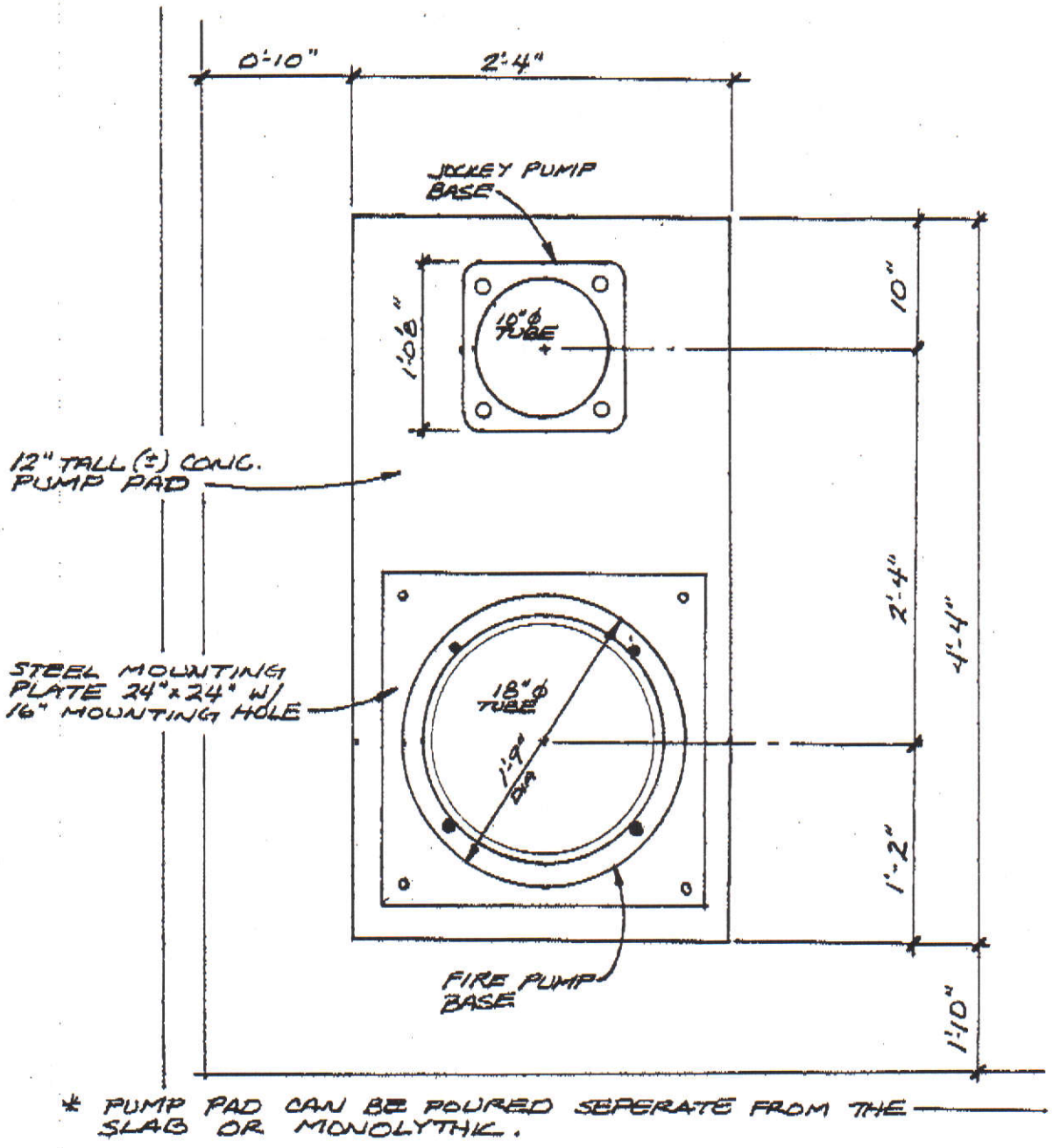
63-12438

(4)

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP PUMP JOB NO: 9879



* PUMP PAD CAN BE POURED SEPERATE FROM THE SLAB OR MONOLYTHIC.

SKETCH NO: 004

TITLE: _____ DCR REF: _____

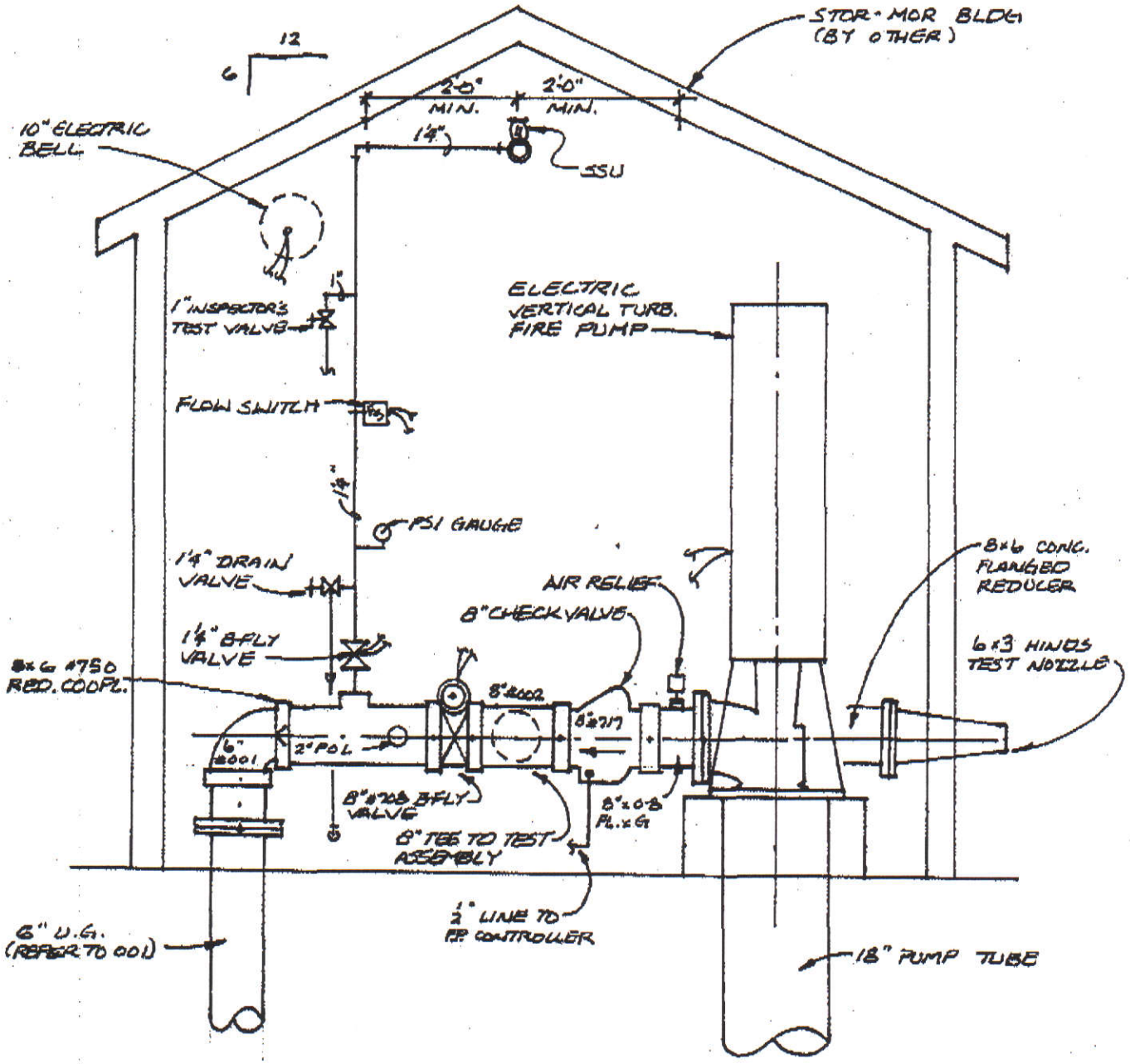
63-12438

5

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP JOB NO: 9879



SKETCH NO: 005

TITLE: PUMP SECTION DCR REF: _____

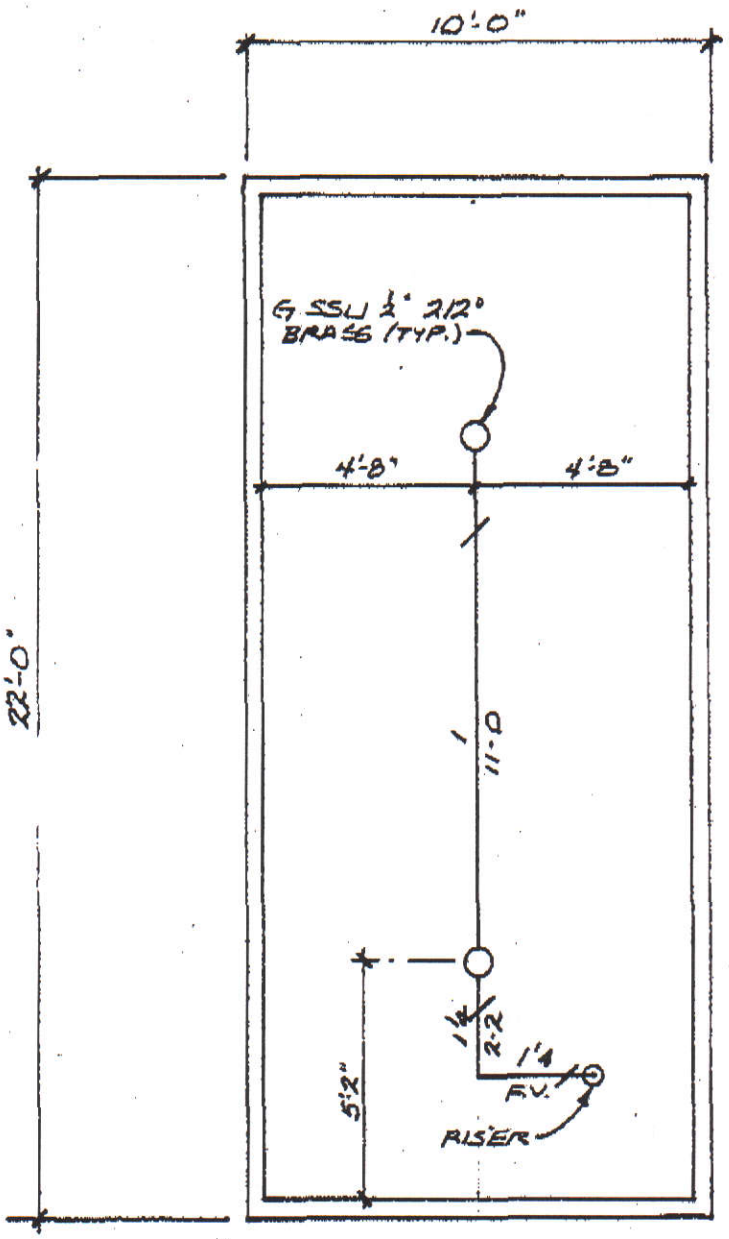
63-12438

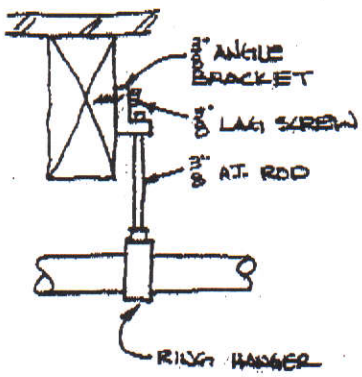
(6)

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP JOB NO: 9879





TYPICAL HANGER

SKETCH NO: 006

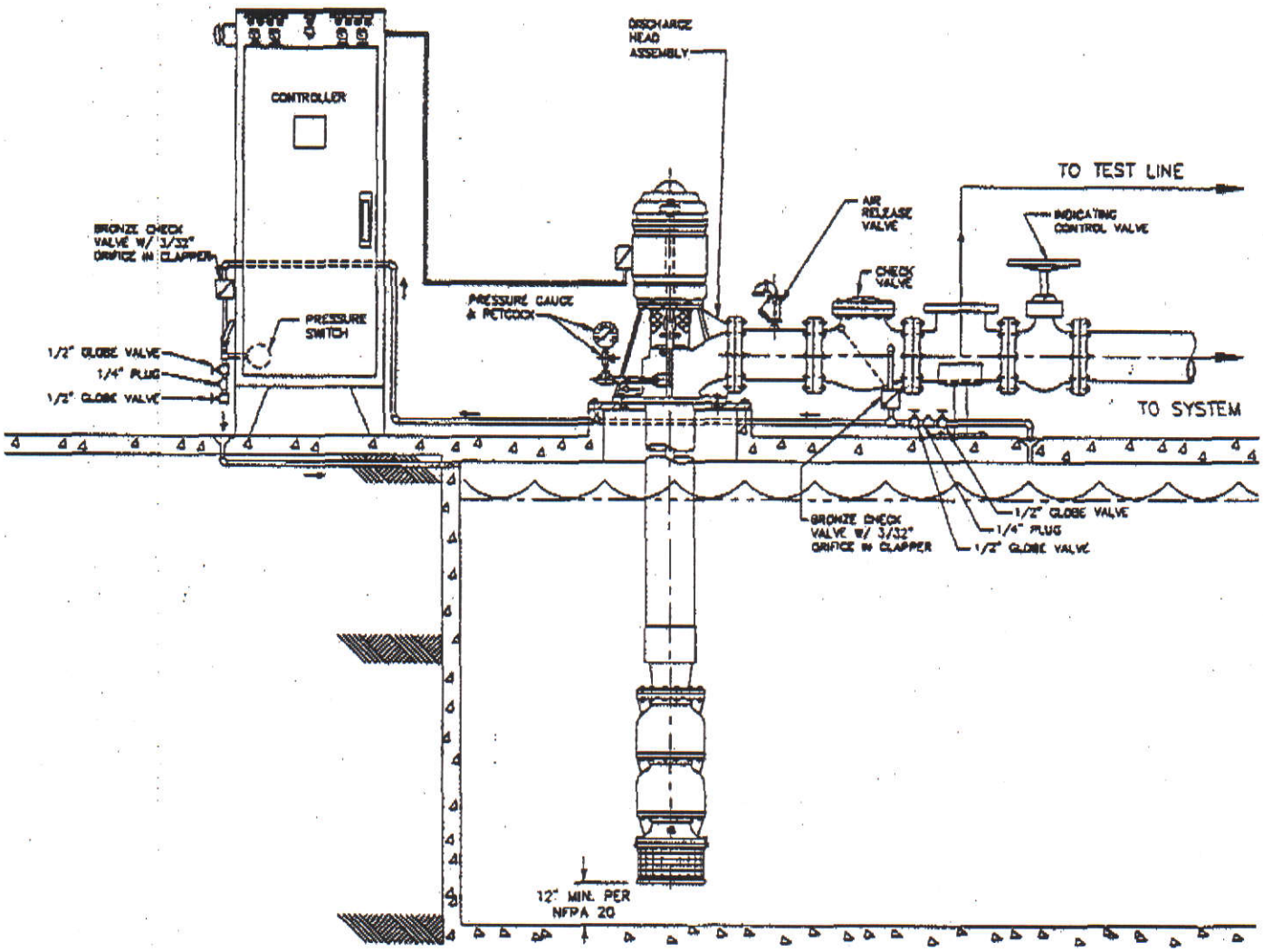
TITLE: SPRINKLER PLAN DCR REF: _____

63-12438

G-8 3/1/96
Supersedes 11/1/90

7

TYPICAL FIRE PUMP INSTALLATION WITH A FLOWAY VERTICAL TURBINE FIRE PUMP ELECTRIC MOTOR DRIVEN



NOTE:
1. Linear measured distance between the two check valves containing 3/32" orifice shall not be less then 5' - 0" per NFPA20.

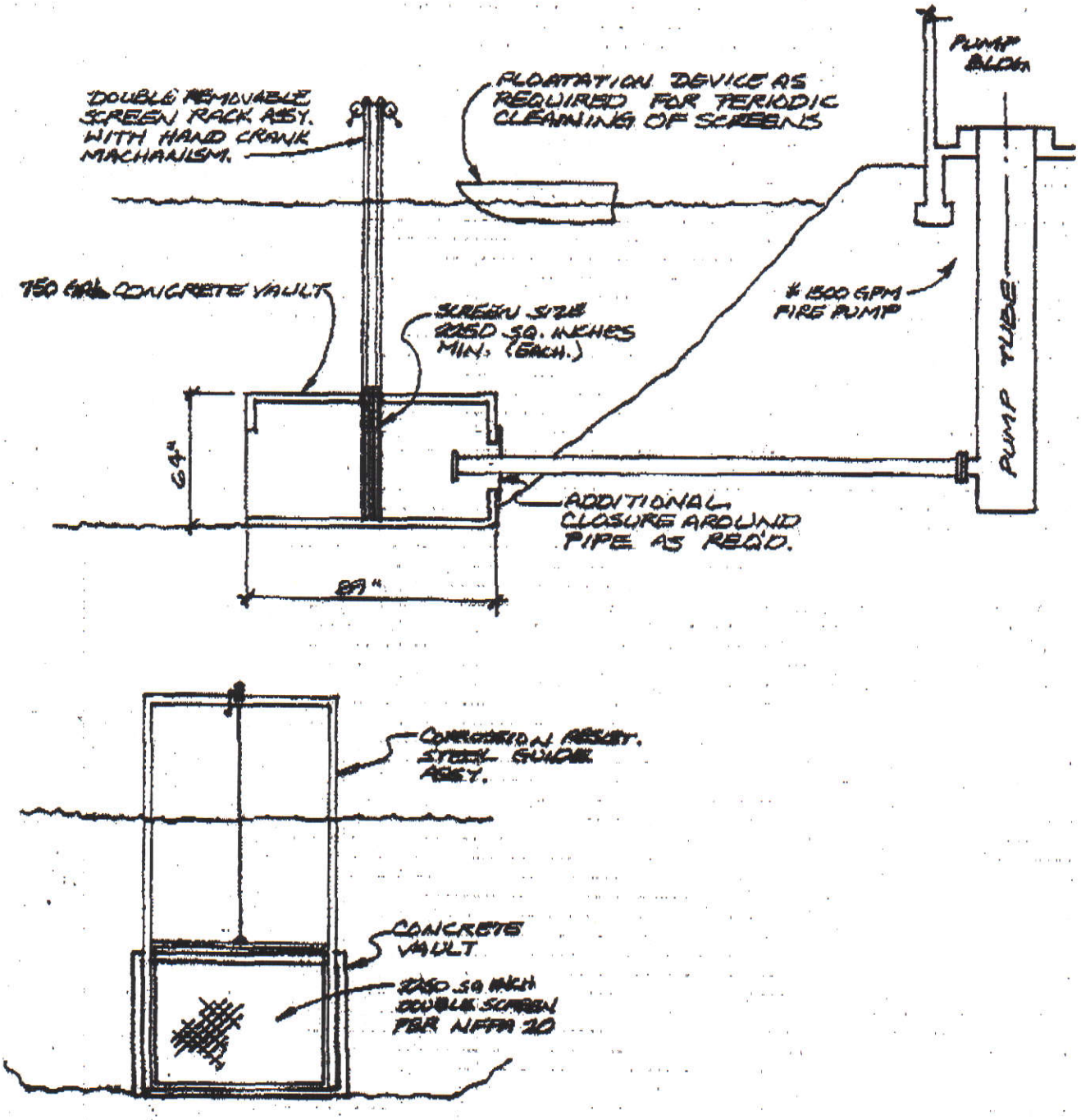
63-12438

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

9

DATE: 8-26-98

JOB NAME: Dura-Top JOB NO:



63-12438

SKETCH NO:

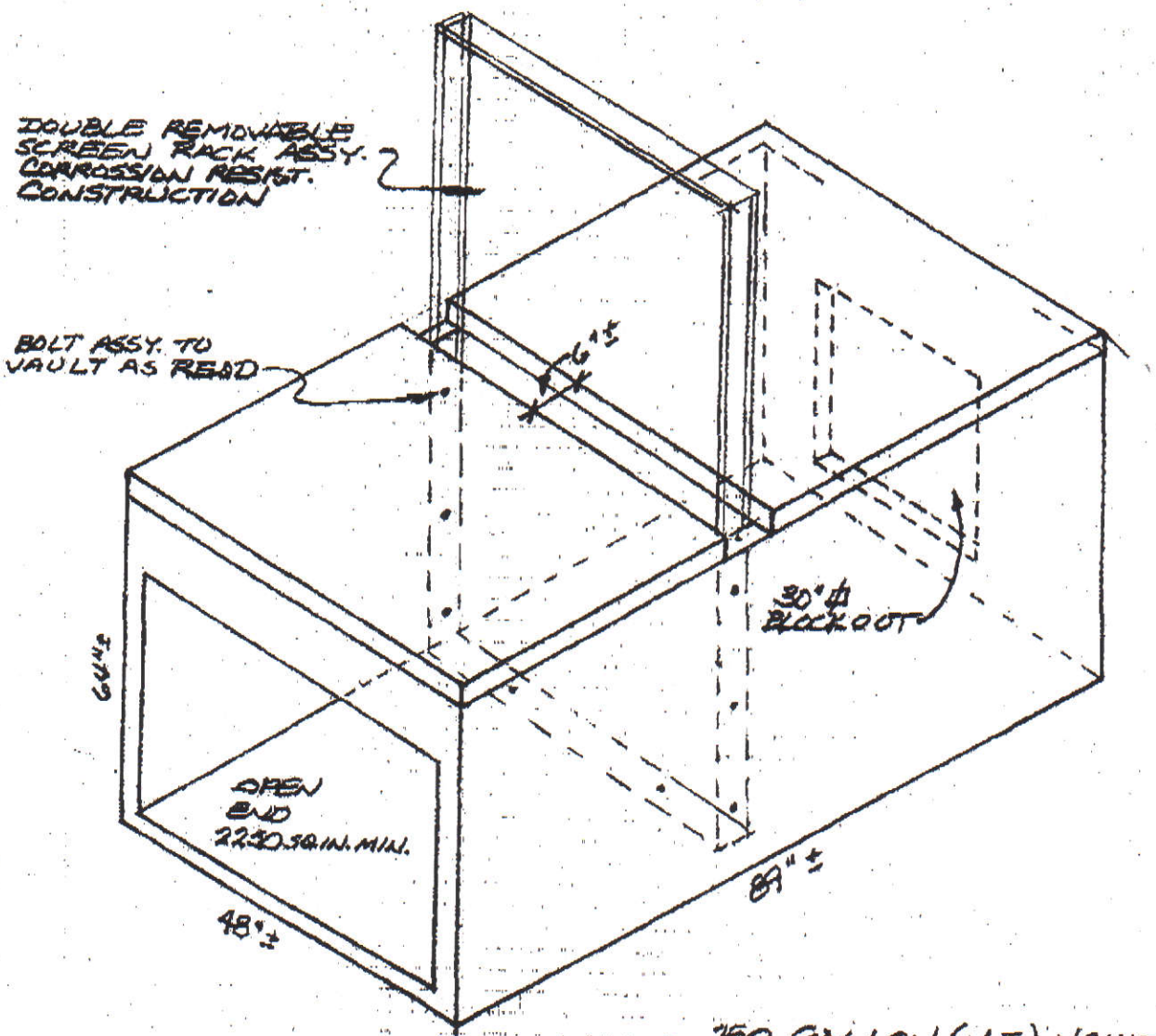
TITLE: Screen Assembly Sketch DCR REF:

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

10

JOB NAME: DURA-TOP DATE: 8-26-98

JOB NO:



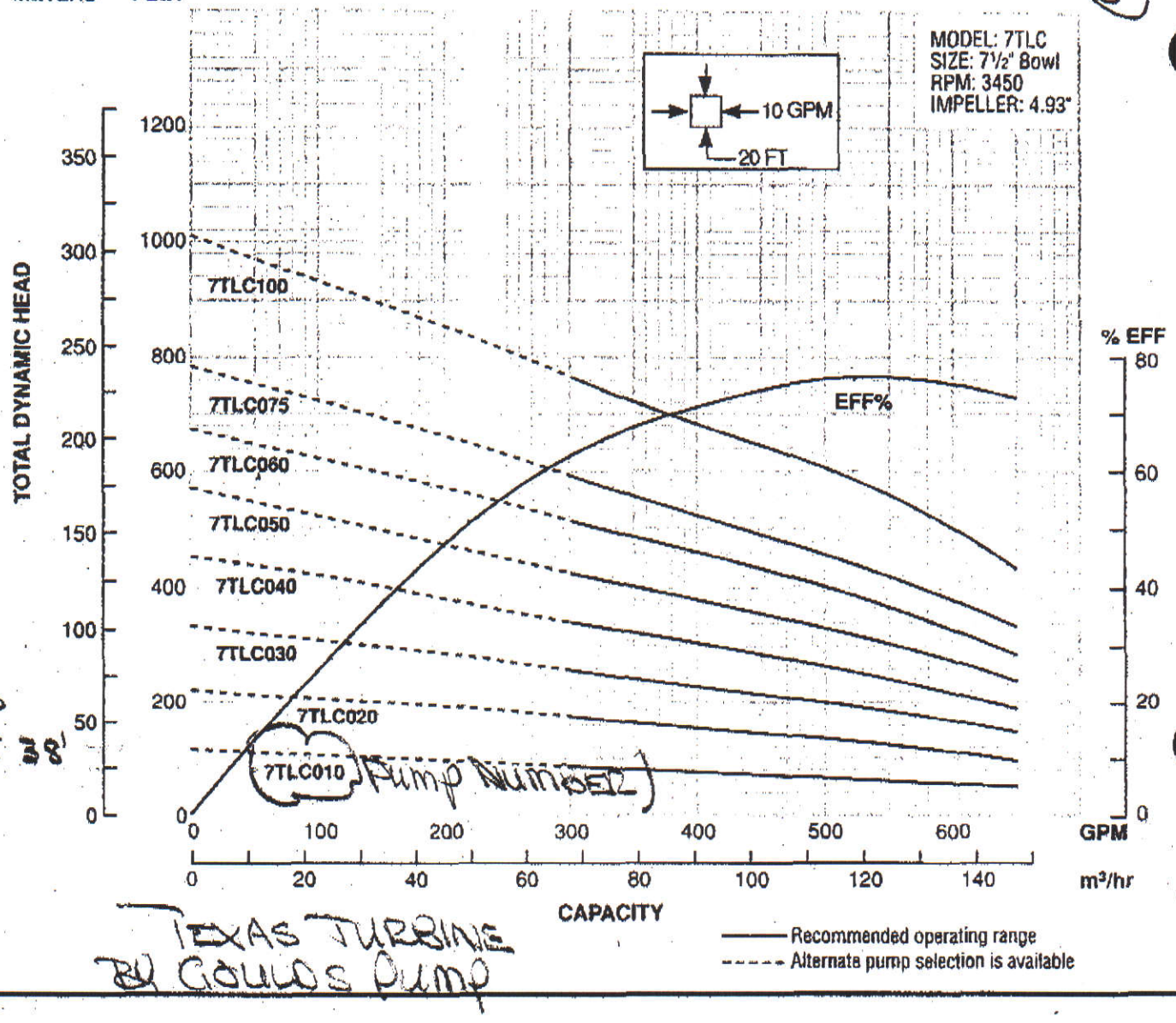
750 GALLON (N.T.) VAULT.
5600 lbs.

63-12438

TITLE: SCREEN ASSEMBLY SKETCH

SKETCH NO:

DCR REF:



Pump SET AT 38'

Pump Number

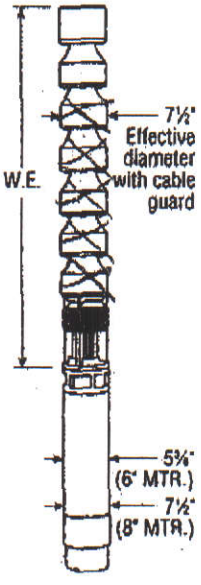
TEXAS TURBINE BY GOULDS PUMP

DIMENSIONS AND WEIGHTS

HP	Stages	W.E. Order Number	W.E. Length	W.E. Wt. (lbs.)
10	1	7TLC01066BTS	23¾	78
20	2	7TLC02066BTS	30¾	109
30	3	7TLC03066BTS	37¾	140
40	4	7TLC04066BTS	44¾	171
50	5	7TLC05066BTS	52	202
60	6	7TLC06066BTS	59	233
75	7	7TLC07586BTS	66¼	264
100	9	7TLC10086BTS	80¾	326

(All dimensions in inches and weights in lbs. Do not use for construction purposes.)

PLEASE NOTE:
- Order motors separately.
- For intermediate horsepower pumps consult factory.
- Solid line is recommended operating range. The dotted line (- - - -) signifies an alternate pump selection is available.
- Please specify all options changes in W.E. order number.

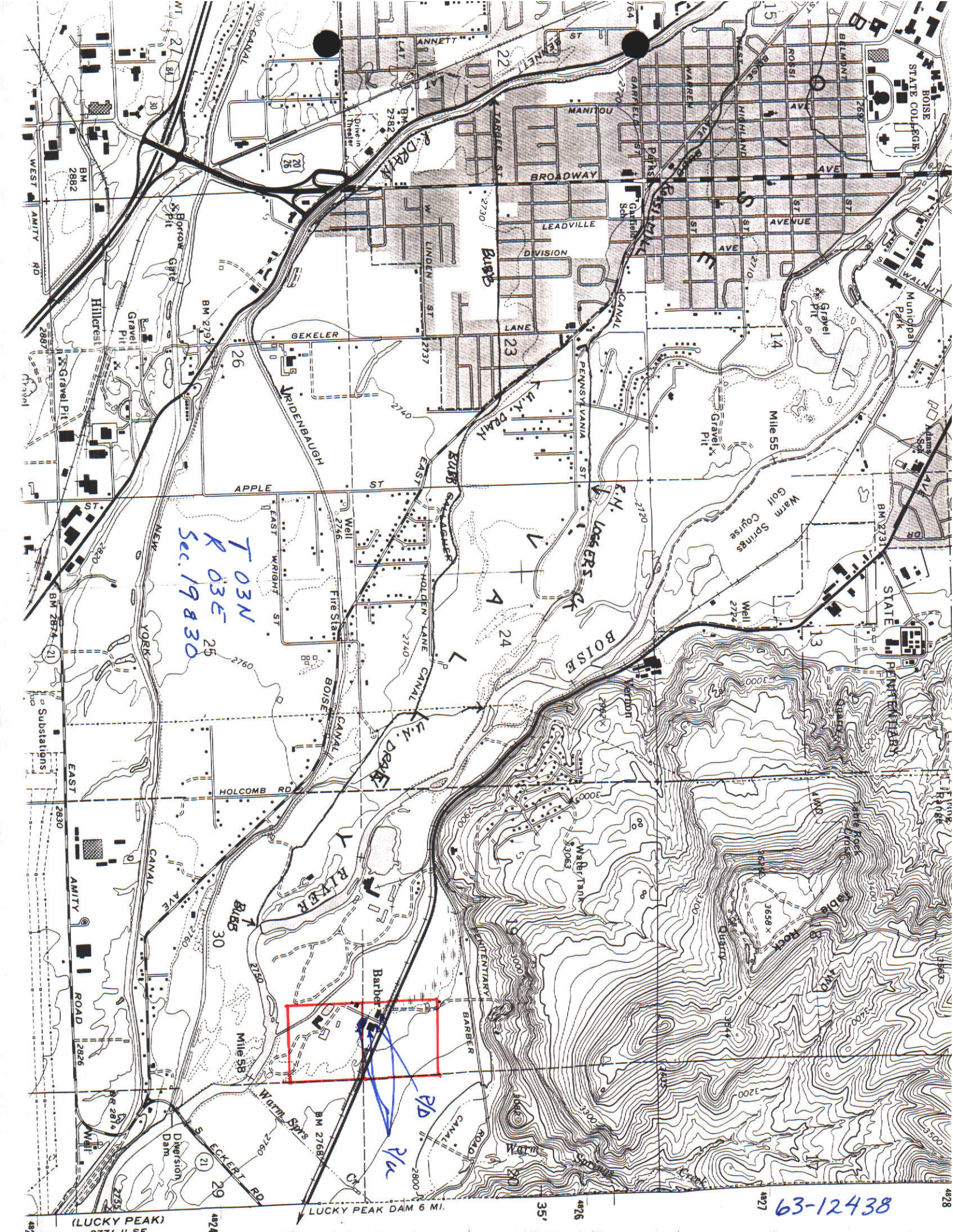


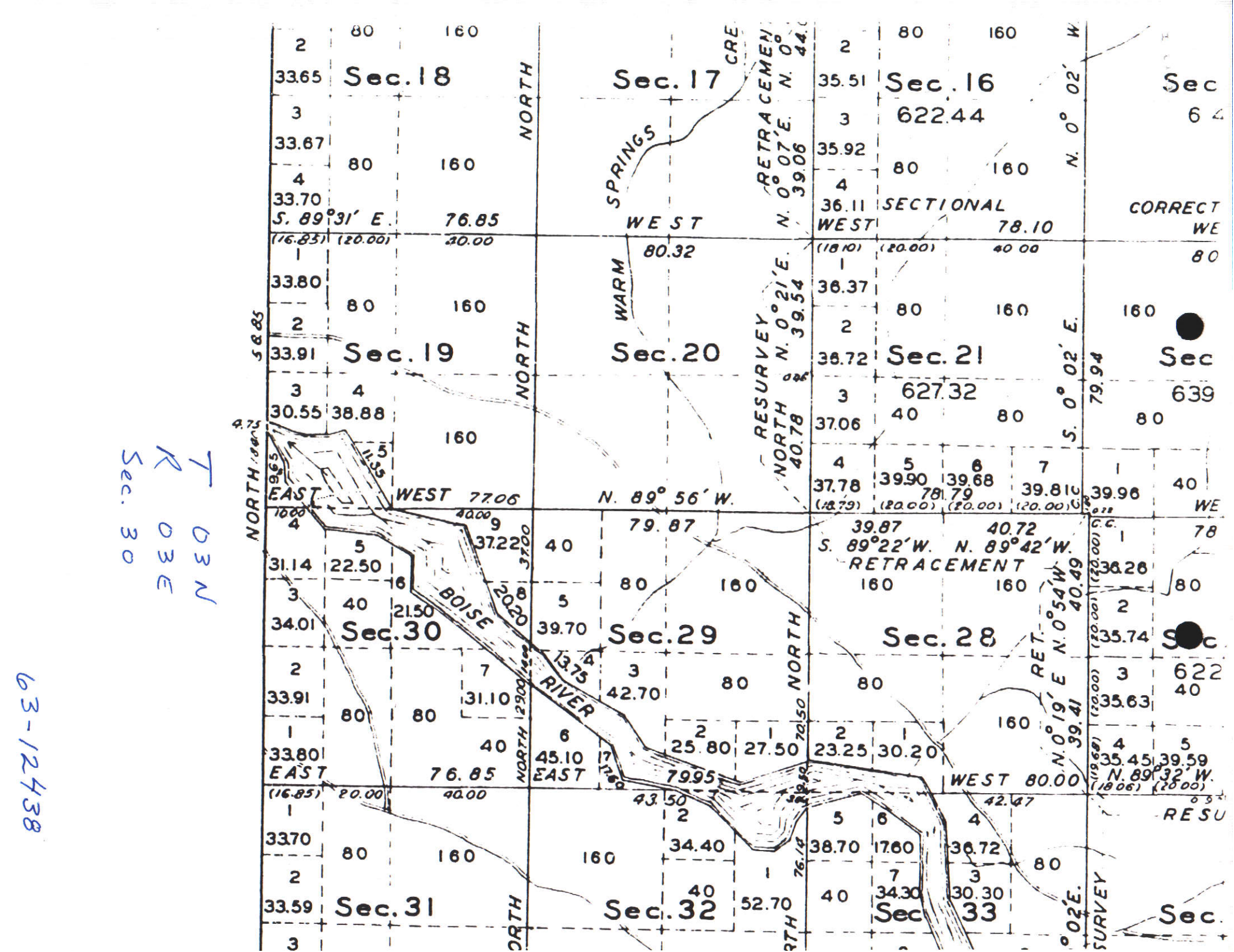
MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 TYPE 416
Coupling	ASTM A582 S41600 CD
Suction Adapter	ASTM A48 CL 40
Discharge Bowl	ASTM A48 CL 30B
Rubber Bearings	RUBBER
Optional Bronze Bearings	ASTM B584
Discharge Bowl Bearing	ASTM B584
Taperlocks	ASTM A108 GR 1018
Epoxy Lined Bowl	ASTM A48 CL 30B
Upthrust Collar	ASTM A276 S41400
Impeller	ASTM B584
Fasteners	SAEJ429 GR 8
Cable Guard	ASTM A240 S 30400
Suction Strainer	ASTM A240 S 30400

10 GA WIRE WILL RUN 790 HF

63-12438


T 03N
R 03E
Sec. 19 & 30
P/D
P/U
63-12438
BROADWAY
BOISE STATE COLLEGE
MANITOU
LEADVILLE
DIVISION
GEKELER
APPLE
HOLCOMB RD
AMITY ROAD
BARBER
Barber Pool
Warm Springs
Mile 55
Mile 58
Hillcrest
Municipal Park
Warm Springs Golf Course
Table Rock
Quarry
Water Tank
Well
Fire Sta.
Substations
Gravel Pit
Borrow Pit
Diversion Dam
LUCKY PEAK DAM 6 MI.
(LUCKY PEAK)
BOISE RIVER
BOISE CANAL
NEW YORK CANAL
PENITENTIARY
U.S. DRIVE-IN THEATER
U.S. PARK
U.S. GARFIELD SCH.
U.S. ADAMS SCH.
U.S. WALNUT
U.S. ANNETT
U.S. BENNETT
U.S. WARREN
U.S. ROOSEVELT
U.S. HIGHLAND
U.S. BELMONT
U.S. TARGEE ST.
U.S. LINDEN ST.
U.S. HOLDEN LANE
U.S. EAST WRIGHT ST.
U.S. EAST AMITY
U.S. WEST AMITY
U.S. PENNSYLVANIA
U.S. EAST GALLAGHER
U.S. R.H. LOGGERS CK
U.S. R. DRAIN
U.S. S. ECKERT RD
U.S. WEST ST.
U.S. EAST ST.
U.S. AVENUE
U.S. LANE
U.S. RIDENBAUGH
U.S. BM 2882
U.S. BM 2782
U.S. BM 2731
U.S. BM 2768
U.S. BM 2874
U.S. BM 2791
U.S. 3658
U.S. 3063
U.S. 2994
U.S. 2720
U.S. 2730
U.S. 2737
U.S. 2740
U.S. 2746
U.S. 2760
U.S. 2750
U.S. 2800
U.S. 2820
U.S. 2830
U.S. 2826
U.S. 2814
U.S. 2735
U.S. 2887
U.S. 2764
U.S. 2685
U.S. 2710
U.S. 2724
U.S. 3000
U.S. 3200
U.S. 3300
U.S. 3400
U.S. 3500
U.S. 3600
U.S. 4WD
U.S. 4824
U.S. 4825
U.S. 4826
U.S. 4827
U.S. 4828

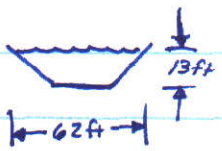

Sec. 18
Sec. 17
Sec. 16
Sec. 19
Sec. 20
Sec. 21
Sec. 30
Sec. 29
Sec. 28
Sec. 31
Sec. 32
Sec. 33
NORTH
WEST
EAST
SPRINGS
WARM
BOISE
RIVER
RETRACEMENT
RESURVEY
SECTIONAL
CORRECT
622.44
627.32
639
S. 89° 31' E.
N. 89° 56' W.
S. 89° 22' W.
N. 89° 42' W.
N. 89° 32' W.
T 03N
R 03E
Sec. 30
63-12438

Computation Sheet

Dimensions of the Storage Pond

$62' \times 112' \times 13'$

side View



Capacity of Storage Pond

$62' \times 112' \times 13' \times 0.4 = 36,100\ ft^3$

If $\frac{1}{4}$ of the pond evaporates each week, then $9,025\ ft^3$ must be used to restore the pond to capacity.

The amount of water used each year is

$36,100\ ft^3 + 9,025\ ft^3 (51) = 496,375\ ft^3$

$$496,375\ ft^3 \times \frac{1\ AF}{43,560\ ft^3} = 11.4\ AF$$

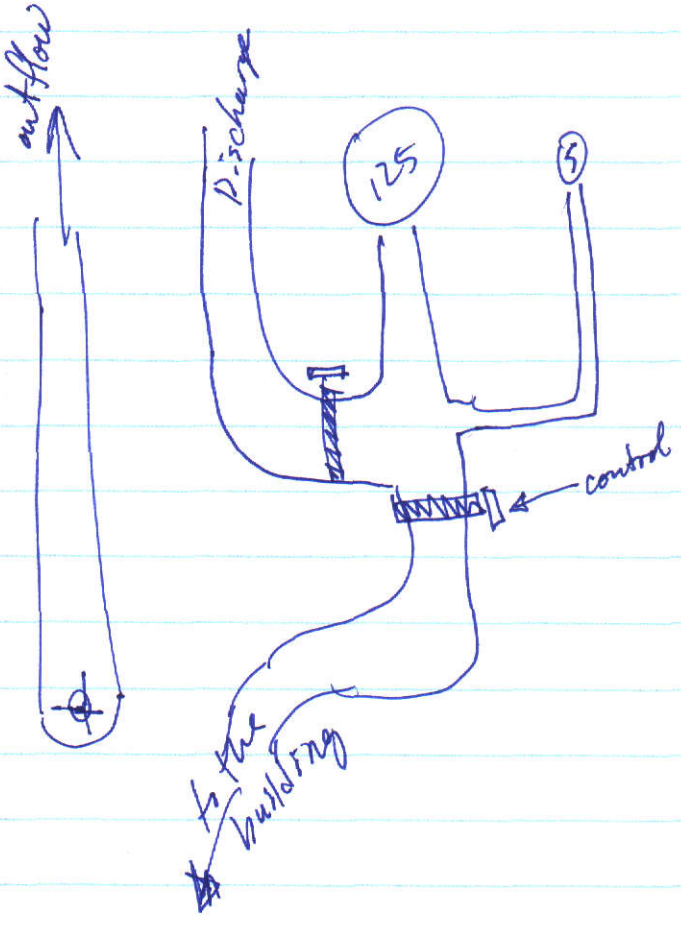
The annual volume diverted to refill the storage pond is approximately 12.0 AF.

63-12438

Field Notes

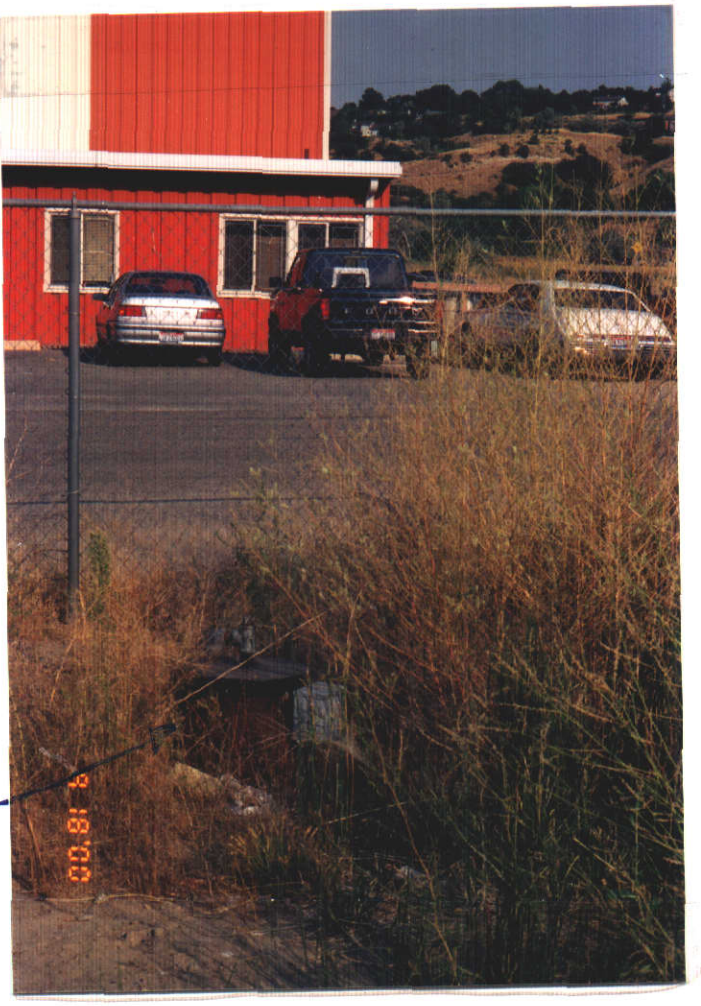
5 hp 3 phase
FlowAy Pumps TYPE HOL Stage - 11
Serial # 82263-4

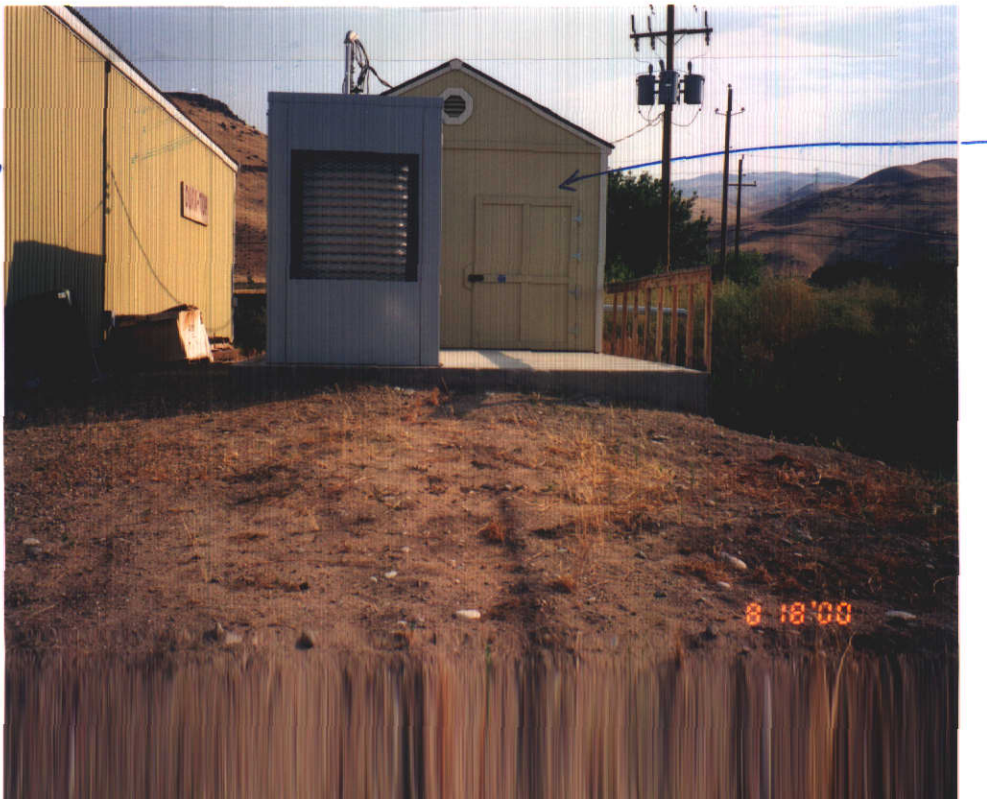
125 hp 90 psi
150 psi

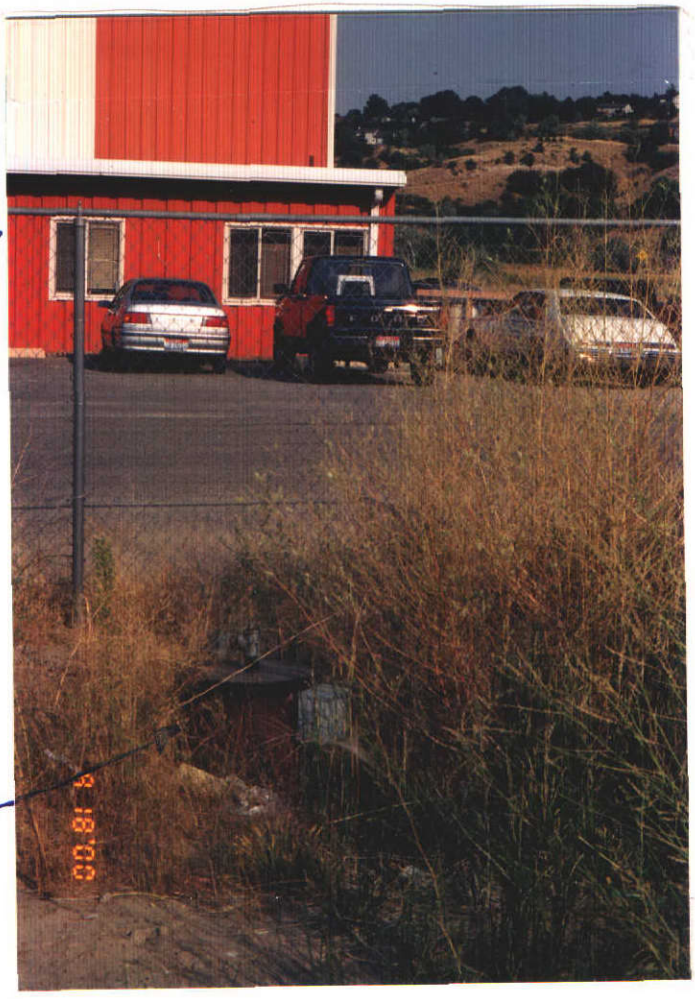


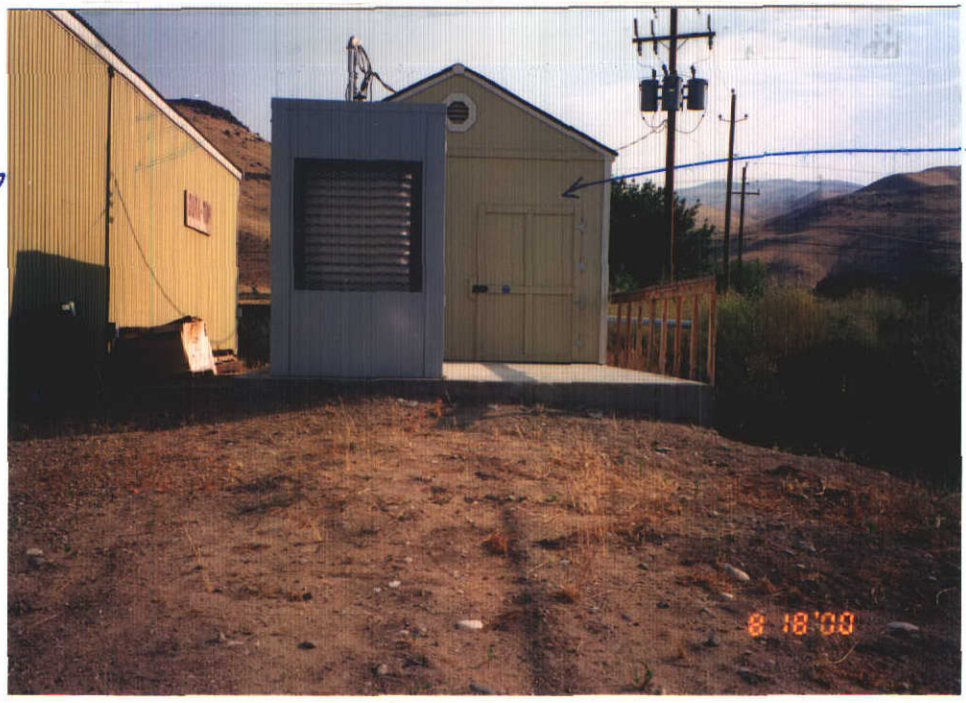
6 in-buried line

Fills pond every week because of evaporation.


P/U
P/D


P/U
Pump house





63-12438

Storage Pond

63-12438

12/99

Amt. of Fee $: 175 00
Receipt No. W026202
Receipt By: SL
Date Receipted: 3-9-2000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
MAR 13 2000
Department of Water Resources

PROOF OF BENEFICIAL USE

RECEIVED
MAR 09 2000
WATER RESOURCES
WESTERN REGION

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 63-12438 Telephone No. 208 462-4075
2. Name of Permit Holder(s): DURA-TOP OF IDAHO CORP. (2960 WISE WAY BOISE, ID. 83712)
3. Mailing Address: 3 BUNCH DR.
   City GARDEN VALLEY State ID Zip 83622
4. Source of Water: GROUNDWATER If **GROUNDWATER** (well), Date Drilled: mo. 5 / yr. 98
   a. Well Driller STEVENS & SONS Drilling Permit Number: 63-98-W-0206-000
5. Use(s) (as authorized by the water right permit):
   Domestic (No. of households): _____ Stockwater (No. and type of stock): _____
   Irrigation (No. of acres): _____ Other: FIRE PROTECTION
6. Total rate of diversion and/or volume for which proof is submitted: 3.50 cfs **OR** _____ acre feet
7. Measuring Device Requirement: **(refer to the approval conditions on your permit and respond accordingly)**
   (*This question is **not optional**. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)*
   Measuring Device: Is a measuring device required? Yes ____ **or** No ✓
   Has the measuring device been installed? – N/A Yes ____ **or** No ✓
8. Fee Enclosed: $ 175 00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)
9. Person to contact to accompany the Department representative during field examination of the water system.
   Name: TOMMY G. HISAW Telephone Number: 208 462-4075
   Address: 3 BUNCH DR., GARDEN VALLEY, ID. 83622
10. ***The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.***

Signature of permit holder: Tommy G. Hisaw - PRESIDENT Date: 3-6-00
(include your title, if on behalf of company of organization)

MICROFILMED
APR 19 2000

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 63-12438

Proposed Priority: February 27, 1998 Maximum Diversion Rate: 3.50 CFS

This is to certify, that **DURA TOP OF IDAHO CORP**
PO BOX 669
BOISE ID 83701-0669
has applied for a permit to appropriate water from: **GROUNDWATER**

and a permit is **APPROVED** for development of water as follows:

BENEFICIAL USE	PERIOD OF USE	RATE OF DIVERSION
FIRE PROTECTION	01/01 to 12/31	3.50 CFS

LOCATION OF POINT(S) OF DIVERSION: SESE , Sec. 19, Township 03N, Range 03E
ADA County

PLACE OF USE: FIRE PROTECTION

TWN	RGE	SEC	
03N	03E	19	SESE
		30	Lot 9(NENE)

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **May 1, 2000.**
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
5. Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
6. The issuance of this right does not grant any right-of-way or easement across the land of another.
7. Water bearing zone to be appropriated is from 0 to 30 feet.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

28th day of April, 1998.

for Karl J. Dreher, Director

MICROFILMED
MAY 18 1998

FORM 202
1/96

Ident. No. 63-12438

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

RECEIVED
APR 27 1998
DEPARTMENT OF WATER RESOURCES

1. Name of Applicant DURA-TOP OF IDAHO CORPORATION Phone (208) 342-4547
   Post Office address P.O. BOX 669, BOISE, ID 83701 / 2960 WISE WAY, BOISE ID 83712
2. Source of water supply GROUNDWATER which is a tributary of _____
3. Location of point of diversion is SW 1/4 of SE 1/4 of SE 1/4, Govt. Lot —
   Sec. 19 Township T03N Range 03E B.M. ADA County; additional points of diversion if any: _____
4. Water will be used for the following purposes:
   Amount 3.5 for FIRE PROTECTION purposes from 1/1 to 12/31 (both dates inclusive)
   (cfs ~~or acre-feet per annum~~)
   Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
   (cfs or acre-feet per annum)
   Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
   (cfs or acre-feet per annum)
   Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
   (cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 3.5 cubic feet per second and/or (b) _____ acre feet per annum
6. Proposed diverting works:
   a. Description of ditches, flumes, pumps, headgates, etc. WELL, PUMP, HYDRANTS, PIPELINE AND INTERNAL FIRE SUPPRESSION SPRINKLERS
   b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet; period of year when water will be diverted to storage: _____ to _____ inclusive.
   c. Proposed well diameter is 16 inches; proposed depth of well is 100 maximum feet.
   d. Is ground water with a temperature of greater than 85°F being sought? NO
   e. If well is already drilled, when? NO; Drilling firm _____:
   Well was drilled for (well owner) _____
7. Time required for completion of works and application of water to proposed beneficial use is 2 years (*minimum 1 year*)
8. Description of proposed uses (*if irrigation only, go to item 9*):
   a. Hydropower; show total feet of head and proposed capacity if KW. _____
   b. Stockwatering; list number and kind of livestock. _____
   c. Municipal; show name of municipality. _____
   d. Domestic; show number of households. _____
   e. Other; describe fully. _____

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MAY 18 1998

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (*example: D for Domestic*) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	N E				N W				S W				S E				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	03E	19																F	
		30	F																
			2.9																

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. NONE

11. a. Who owns the property at the point of diversion? APPLICANT

b. Who owns the land to be irrigated or place of use? APPLICANT, PRECOTE INDUSTRIES, DANIELS CO.

c. If the property is owned by a person other than the applicant, describe the arrangement enable the applicant to make this filing: HYDRANTS (EXISTING) SUPPLY WATER FOR FIRE PROTECTION

* See Below

12. Remarks: APPLICANT INTENDS TO DRILL A WELL TO INTERCEPT SHALLOW GROUNDWATER, HOPEFULLY NOT DEEPER THAN 30 FEET. APPLICANT REALIZES THAT THE WATER MAY BE DIRECTLY RELATED TO THE BOISE RIVER, BUT ASKS FOR APPROVAL BECAUSE OF THE RARE USE OF WATER FOR FIRE PROTECTION.

Comments

13. **MAP OF PROPOSED PROJECT ATTACHED** ✓ Show clearly the proposed point of diversion, place of use, section number, township and range number.

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Tommy Hisaw Pres.
Patricia Hisaw S/T
per 3/13/98 Tel. Conv. w/ T. H.

Tommy H. Hisaw PRESIDENT
(Applicant)

Received by Gary S Date 2-27-98 Time 2:55 Preliminary check by Gary S
Fee $ 160.00 Receipted by [illegible] # 4023478 Date 3-27-98
Publication prepared by [illegible] Date 3-18-98 Published in Id. Statesman
Publication approved [illegible] Date 4-9-98 3-19 & 26-98

* per dept. standards:
REMARK Water bearing zone to be appropriated for essentially non-consumptive use is from 0 to 30 feet.

-JL 3/13/98

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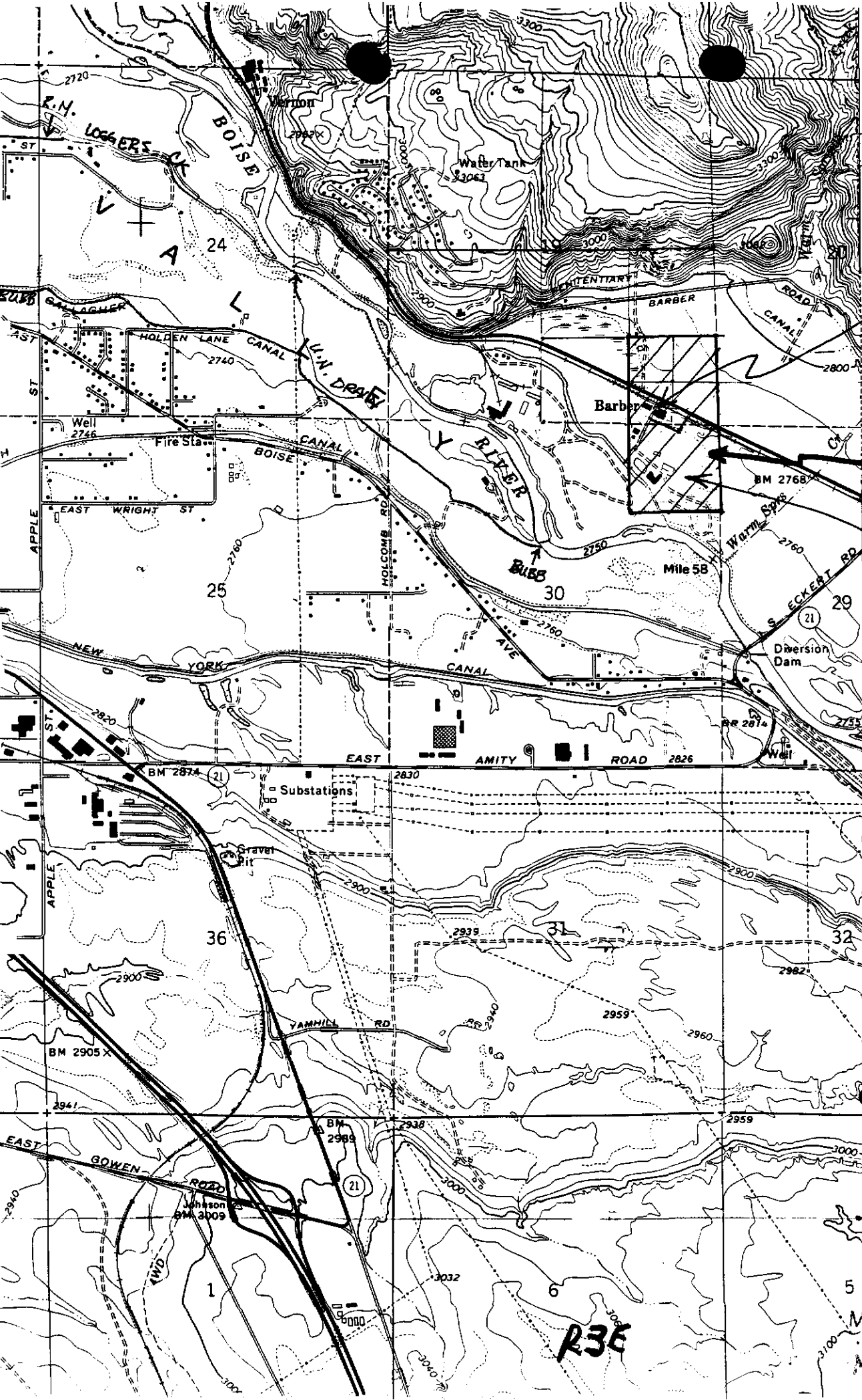
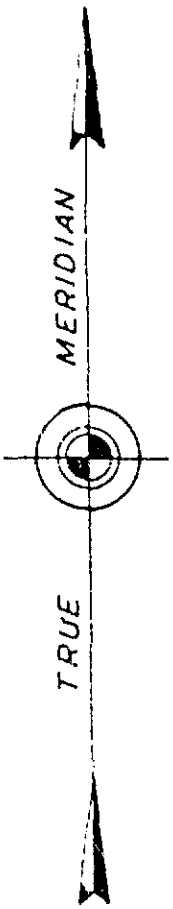
MAY 18 1998


POINT OF DIVERSION
No gov't lot *
SE ¼ S. 19
Lot 9 *
PLACE OF USE
DURA-TOP APPLICATION
* Fr 3/13/48 1935 survey
63-12438
MICROFILMED
MAY 18 1998
T. 3 N.
T. 2 N.
R3E
32'30"
BOISE
VALLEY
LOCHERS CK
GALLAGHER
HOLDEN LANE CANAL
L.N. DRAIN
BOISE CANAL
NEW YORK CANAL
EAST WRIGHT ST
EAST AMITY ROAD
EAST GOWEN ROAD
YAMHILL RD
BARBER ROAD
CANAL
APPLE ST
HOLCOMB RD
S. ECKERT RD
AVE
Vernon
Water Tank
Barber
Fire Sta.
Well
Substations
Gravel Pit
Diversion Dam
Mile 58
Hot Worm Spgs
BM 2768
BM 2874
BM 2905
BM 2989
Johnson BM 3009
(LUCKY PEAK) 2771 II SE
LUCKY PEAK DAM 6 MI.



3N 3E
1935 Survey

MICROFILMED
MAY 1 8 1998

63-12438

Form 3119
6/92

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

BENEFICIAL USE FIELD REPORT

RECEIVED
OCT 17 2000
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-12438

1. Owner: Dura-Top of Idaho Corp. Phone No. (208)

   Current Address: 2960 Wise Way, Boise, ID 83712

2. Accompanied by: Tommy G. Hisaw Exam Date: 08/16/2000

   Address: 3 Bunch Dr., Garden Valley, ID 83622 Phone No. (208) 462-4075

   Relationship to Permit Holder: President of Corporation

3. Source: Groundwater tributary to

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Govt. Lot	1/4	1/4	1/4	SEC	TWP	RNG	County	Method of Determination/Remarks
			SE	SE	19	03N	03E	Ada	USGS Topographic Map

2. Place(s) of Use: Indicate Method of Determination: USGS Topographic Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	03E	19																F	
03N	03E	30	Lot 9 F																

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

SEE ATTACHED SHEET.

__X__ Copy of USGS Quadrange Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres).

__X__ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Submersible	unknown	10	Unknown	Goulds	Unknown

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
N/A						

2. Measurements: None. No measurement was done.

E. NARRATIVE/REMARKS/COMMENTS

The point of diversion is located in the SESE of Section 19, Township 03N, Range 03E. The place of use is in the SESE of Section 19, Township 03N, Range 03E and also in the NENE (Government Lot 9) in Section 30, Township 03N, Range 03E.Water is used for fire protection for three buildings.

Condition of approval number 5 states that water shall not be diverted for fire protection except to fight or repel an existing fire. At the time of the field examination water was being diverted to a storage pond. The pump in the well could not meet the demand and create the pressure necessary for the permit holder to meet the building codes required by the City of Boise. Therefore the permit holder had a storage pond built. A 125-hp pump was installed that pumps water to the sprinkler systems in three buildings. Mr. Hisaw said that each week he has to add water to the storage pond because of evaporation. The capacity of the pond is approximately 36,100 ft^3 (0.83 AF). Assuming that each week approximately one fourth of the water evaporates and the pond is refilled each week to its capacity the permit holder is diverting an annual volume of about 12 AF. I recommend that the permit holder be required to annually purchase 12 AF of water from the water supply bank to mitigate the annual diversion of water. See the attached computations sheet.

The pump is set at 38 feet in the 60-foot well. Condition of approval number 7 states that the water-bearing zone to be appropriated is from 0 to 30 feet.

All other conditions of approval have met by the permit holder.

Have the conditions of permit approval been met? ____ YES _X_ NO

F. FLOW CALCULATIONS X Additional Computation Sheets Attached

Measurement Method: Data from permit holder and well driller's report

540 gpm x [1 cfs / 448.83 gpm] = 1.20 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

$V_{I.R.}$ = (Acres Irrigated) x (Irrigation Requirement) = _____

$V_{D.R.}$ = [Diversion Rate (cfs)] x (Days in Irrigation Season) x 1.9835 = _____

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

2. Volume Calculations for Other Uses: N/A

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use From	Period of Use To	Rate of Diversion Q (cfs)	Annual Volume V (AFA)
Fire Protection	01/01	12/31	1.2 cfs	
		Totals:	1.2 cfs	

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above X None

____ Change P.U. as reflected above ____ Add P.U. as reflected above ____ Other

I. AUTHENTICATION Richard D. Hansen – Field Examiner

Field Examiner's Name Richard D. Hansen Date: 9-5-2000

Reviewer _____ Date: _____ seal

TO RICHARD HANSEN FAX 334-2348 — TOMMY G. HISAW
STATE OF ID. — PRESIDENT
DEPT. OF WATER RESOURCES — CURA-TOP OF ID. CORP.

SUBJECT FIRE PROTECTION WELL & WATER DATE 8 17 00

MESSAGE RICHARD, THE FAX CONSISTS
12 PAGES, REF. TREASURE VALLEY FIRE PROTECTION
1 PAGE, REF. CERTIFICATE OF COMPLIANCE, BOISE CITY
2 PAGES, REF. DEPT. OF WATER RESOURCES
3 PAGES, REF. DRILLING PERMIT & REPORT
5 PAGES REF. STEVENS & SONS BILLING & PUMP DRIVER

REPLY 23 PAGES PLUS COVER SHEET

RICHARD, IF THERE ARE ANY QUESTIONS PLEASE CALL

THANKS
TOM

TOM HISAW
3 RUNCH DR,
~~GARDEN VALLEY, ID. 83622~~
208-462-4075 — FAX 208 462-8063

DATE / /

Rediform® 45 472
Poly Pak (50 sets) 4P472

SEND PARTS 1 AND 3 WITH CARBON INTACT - PART 3 WILL BE RETURNED WITH REPLY.

63-12438

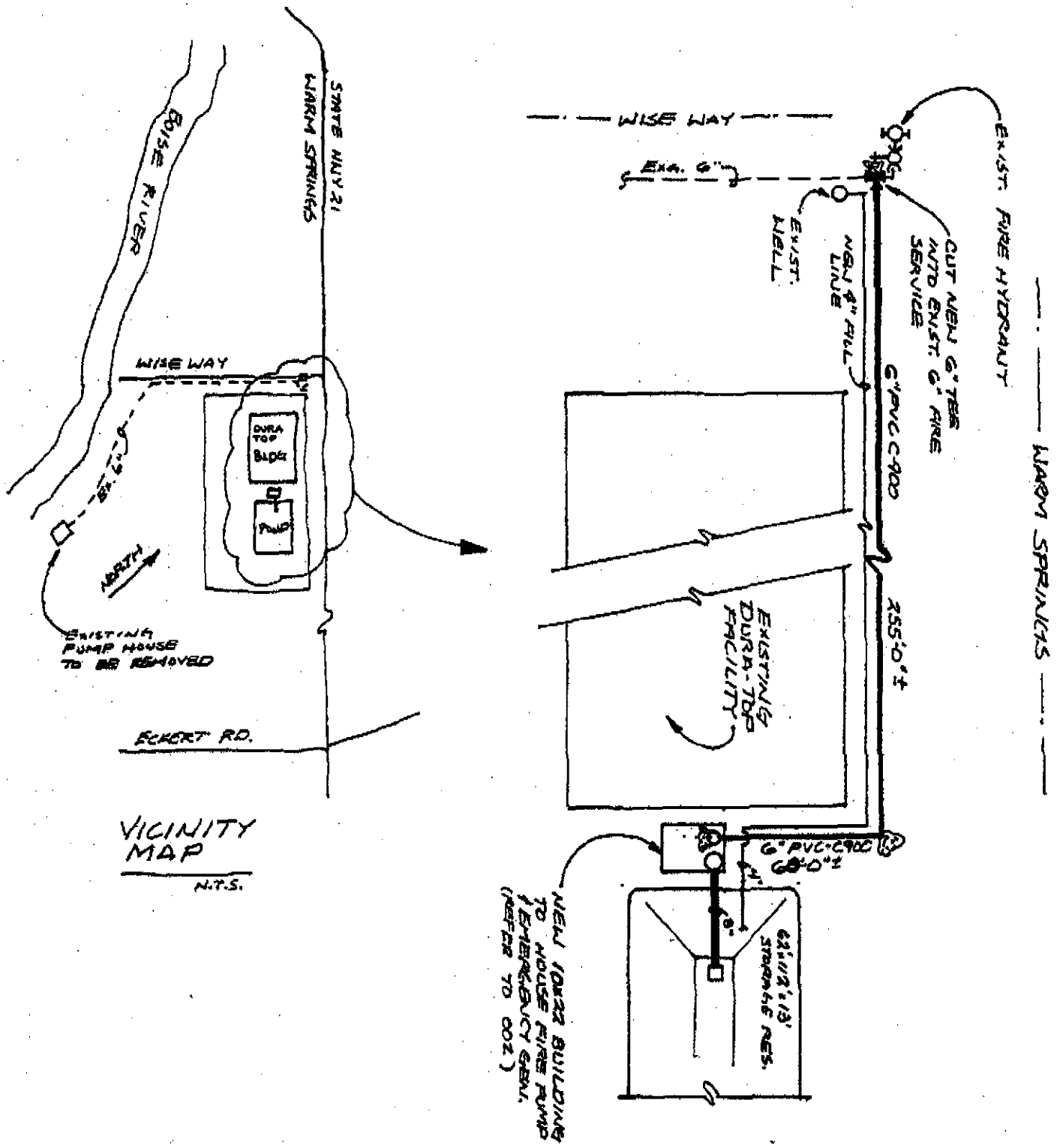
(1)

Treasure Valley Fire Protection, Inc.

2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: Dura Top Pump JOB NO: 9879



SKETCH NO: 001

TITLE: Site Plan DCR REF: _____

63-12438

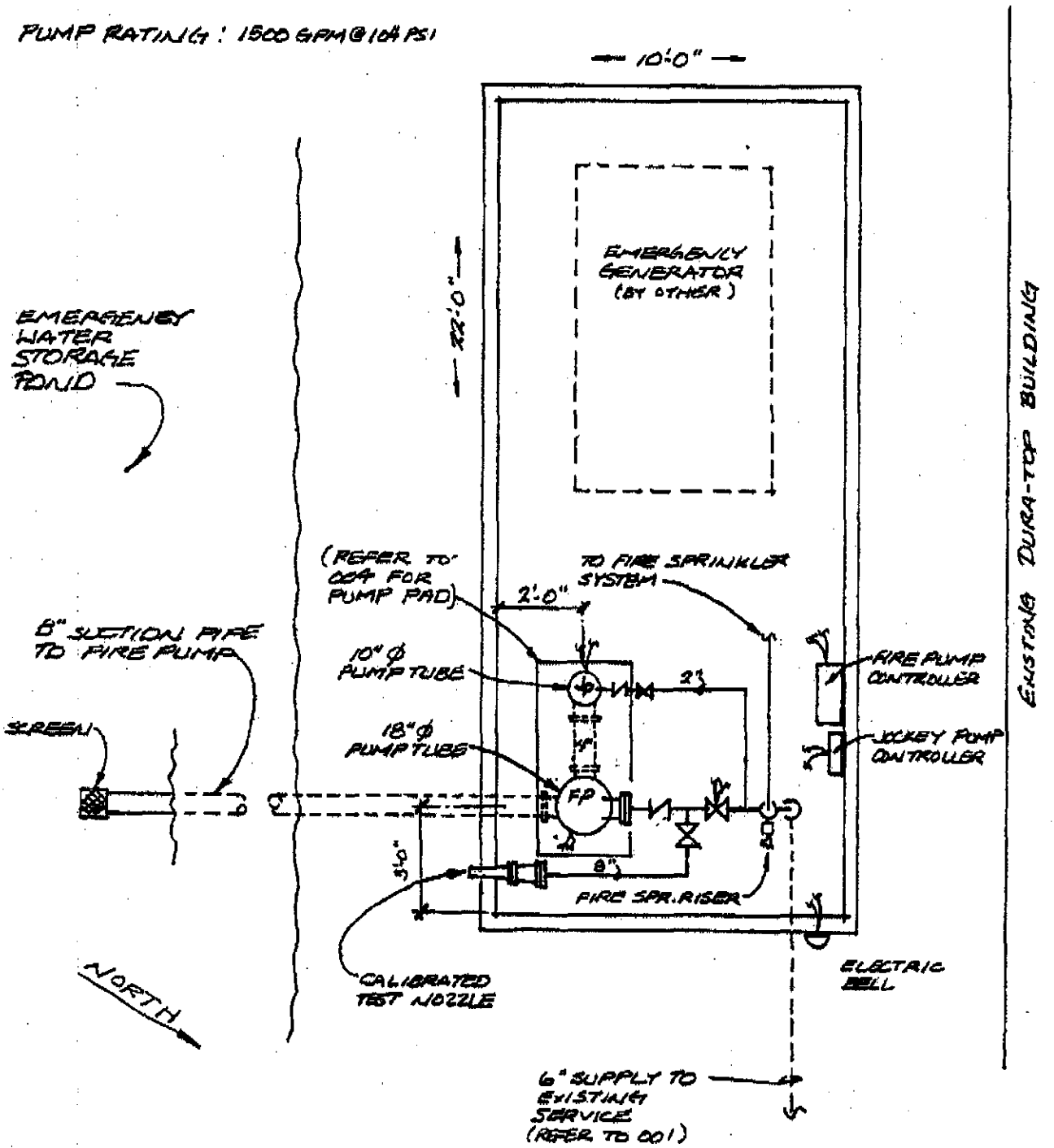
(2)

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP PUMP JOB NO: 9879

PUMP RATING: 1500 GPM @ 104 PSI



SKETCH NO: 002

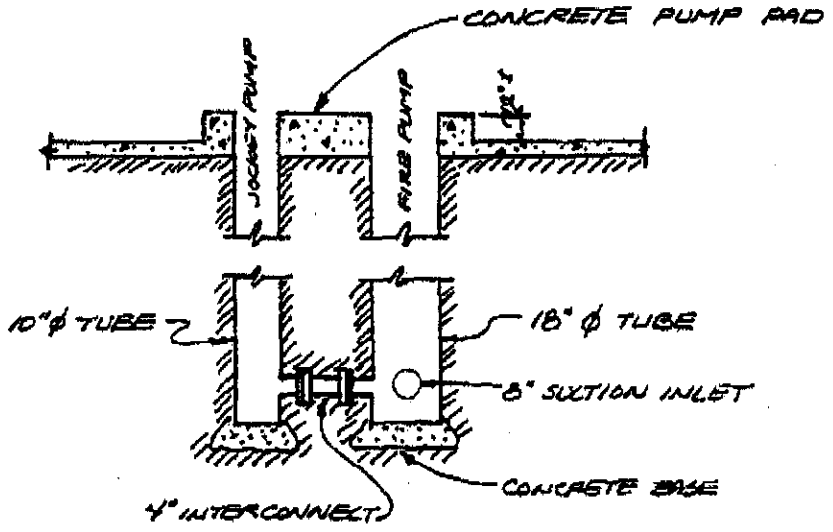
TITLE: PUMP BUILDING PLAN DCR REF: 63-12438

(3)

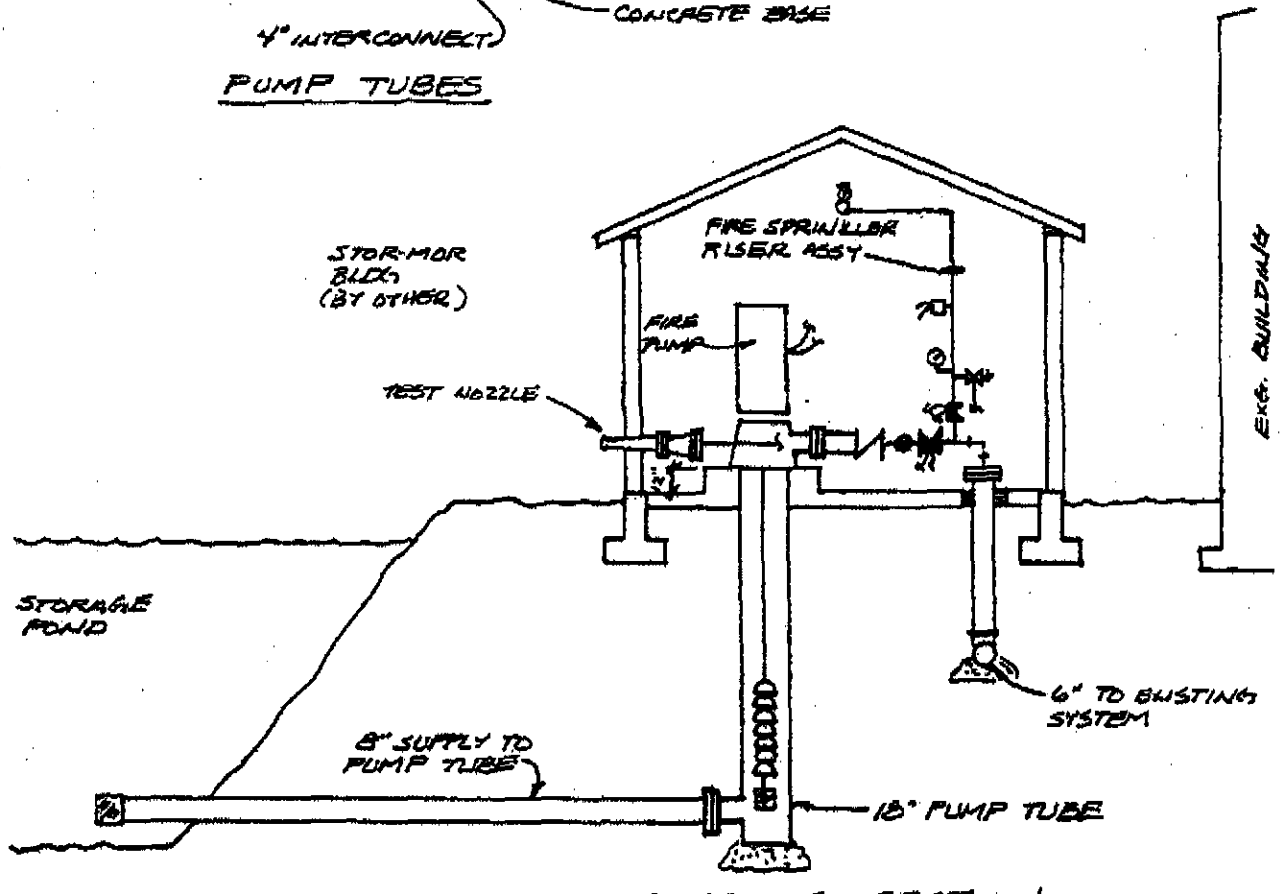
Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA TOP PUMP JOB NO: 9879



PUMP TUBES



BUILDING SECTION

SKETCH NO: 003

TITLE: MISC DCR REF: _____

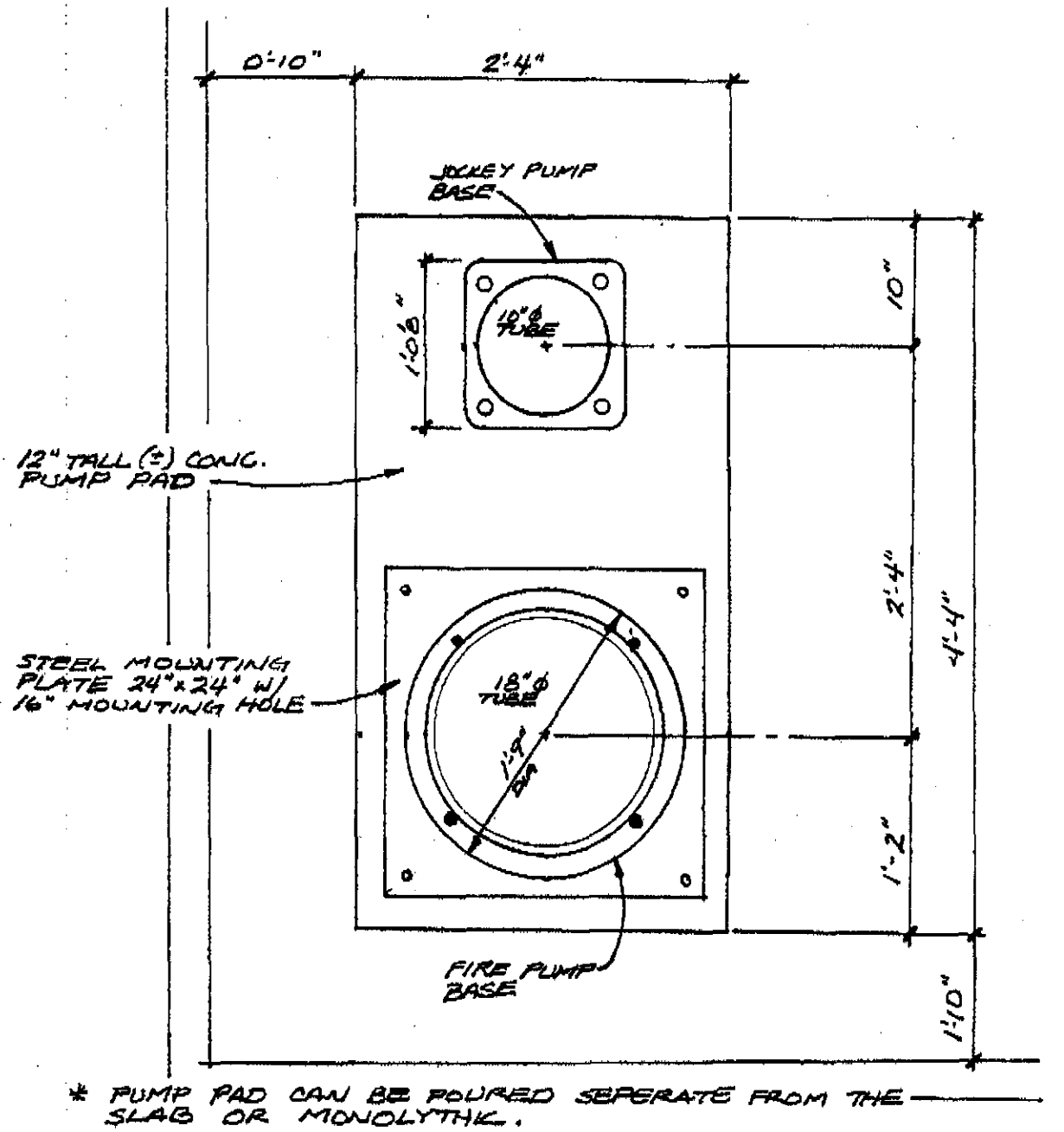
63-12438

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

(4)

DATE: _____

JOB NAME: DURA-TOP PUMP JOB NO: 9879



* PUMP PAD CAN BE POURED SEPERATE FROM THE SLAB OR MONOLYTHIC.

SKETCH NO: 004

TITLE: _____ DCR REF: _____

63-12438

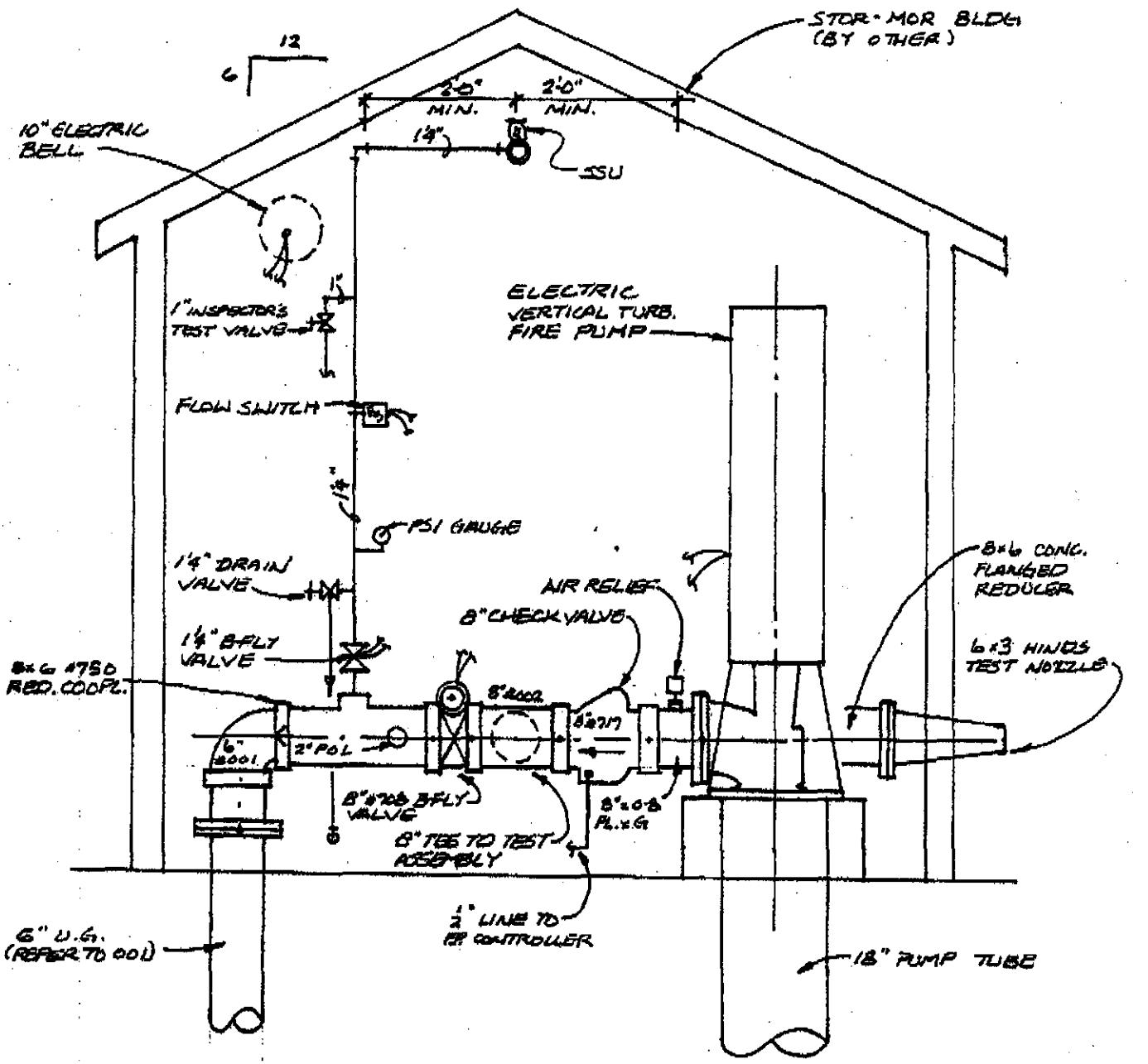
5

Treasure Valley Fire Protection, Inc.

2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE:

JOB NAME: DURA-TOP JOB NO: 9879



SKETCH NO: 005

TITLE: PUMP SECTION DCR REF:

63-12438

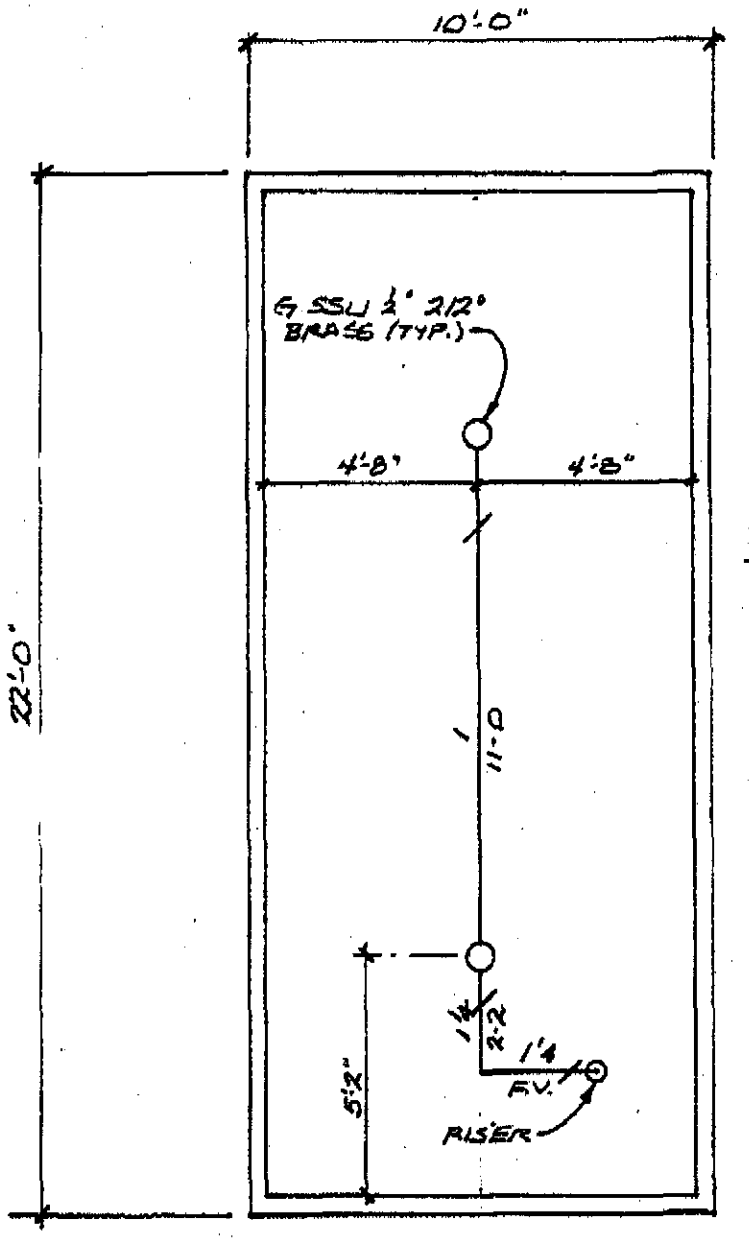
(6)

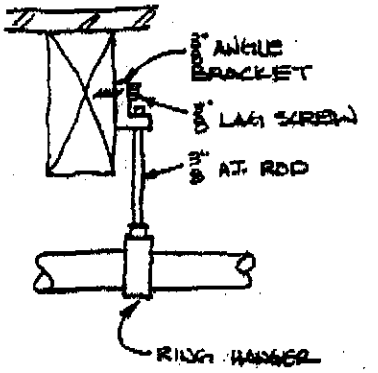
Treasure Valley Fire Protection, Inc.

2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

DATE: _____

JOB NAME: DURA-TOP JOB NO: 9879





TYPICAL HANGER

SKETCH NO: 006

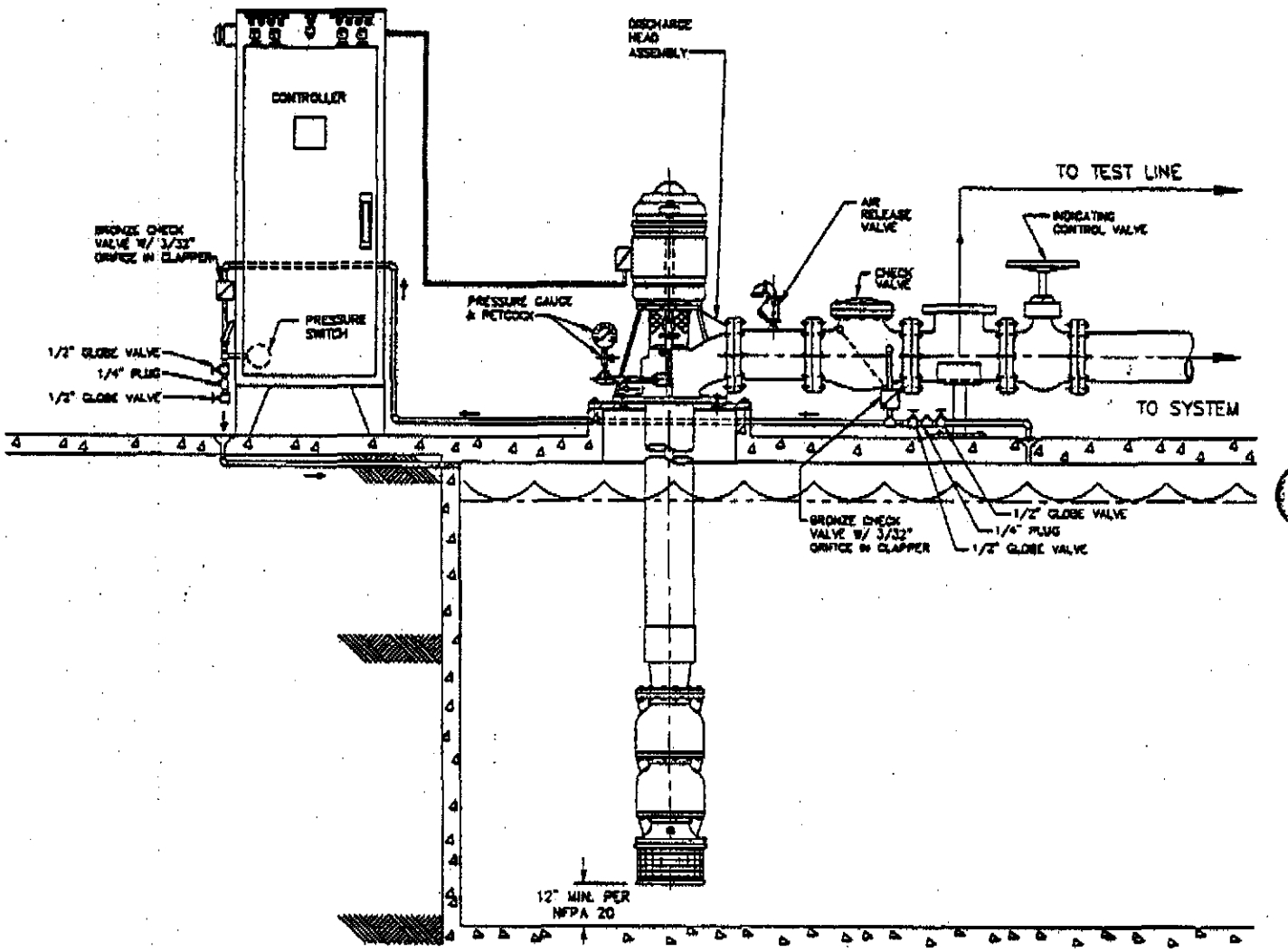
TITLE: SPRINKLER PLAN DCR REF: 63-12438

G-8 3/1/96
Supersedes 11/1/90

FLOWAY FIRE PUMPS

7

TYPICAL FIRE PUMP INSTALLATION WITH A FLOWAY VERTICAL TURBINE FIRE PUMP ELECTRIC MOTOR DRIVEN



NOTE:

1. Linear measured distance between the two check valves containing 3/32" orifice shall not be less then 5' - 0" per NFPA20.

63-12438

(8)

Treasure Valley Fire Protection, Inc.
2731 South Saturn Way Boise, Idaho 83709
(208)362-1888 Fax (208)362-2207

FAX TRANSMITTAL

DATE: August 25, 1998

TO: Dura-Top

Attention: Tom Hisaw

Reference: Boise Fire Department Comments

FAX NUMBER: 338-1311

NUMBER OF PAGES: 3 (including cover)

MESSAGE:

We have consulted with Russ Bartlett of the Nickerson Co. who supplied the fire pump assembly for the project. He was not aware of any other projects where the double screen criteria was enforced and thus had advised us on the way that it is currently installed, utilizing a single screen cap assembly. We have reviewed the Boise Fire Department's comments and offer the following assembly to satisfy their requirements. Before we pass this on to Mr. Varley for his review we wanted you to look it over and make any suggestions that you feel are applicable since it will become your responsibility to periodically clean the screens.

We have begun pursuing costs associated with this assembly and will let you know what we are able to come up with. If you have any questions please feel free to call.

Thanks, Greg ☺

TRANSMITTED BY: GREG PATRICK

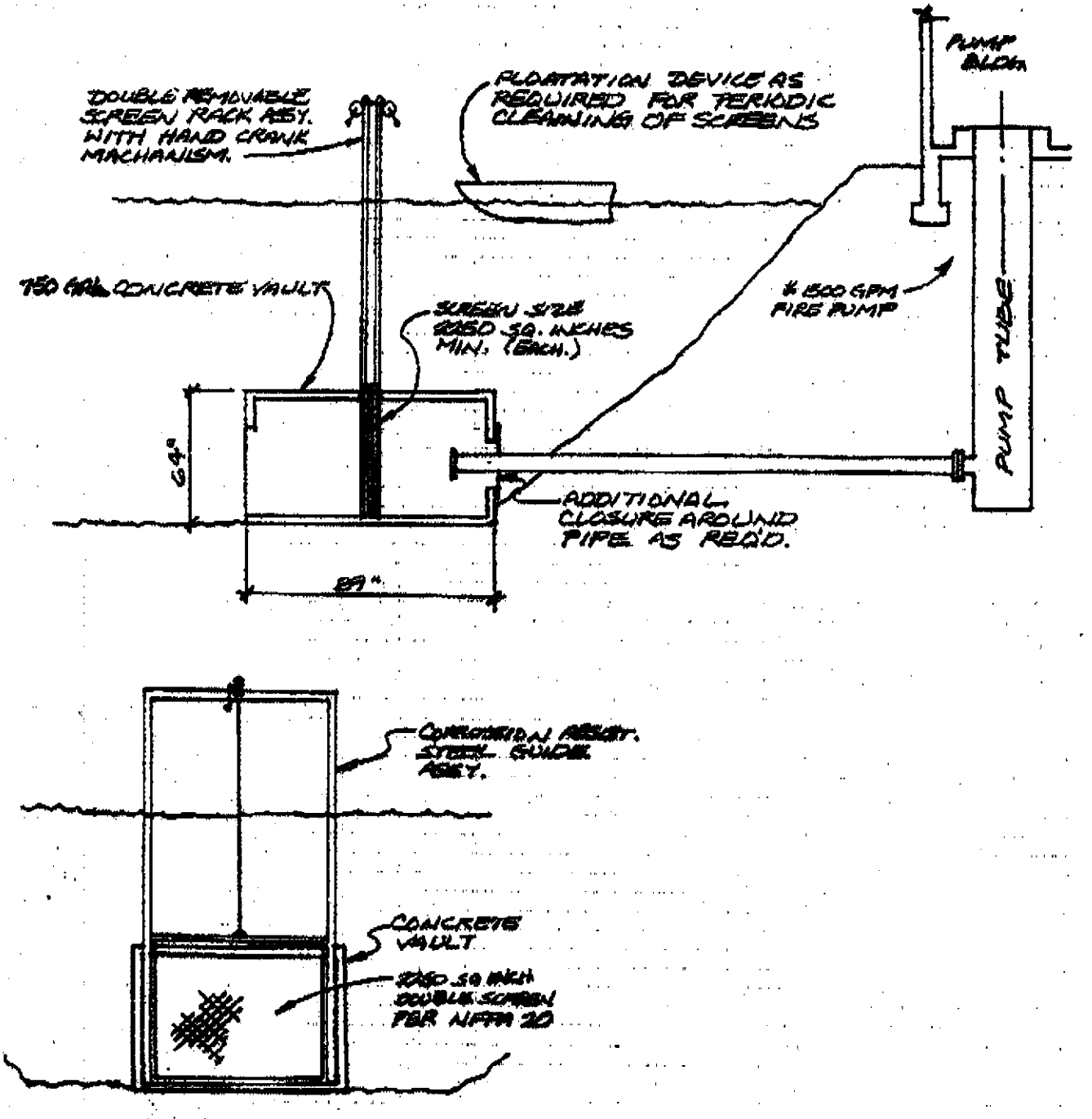
63-12438

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

9

DATE: 8-26-98

JOB NAME: Dura-Top JOB NO:



63-12438

SKETCH NO:

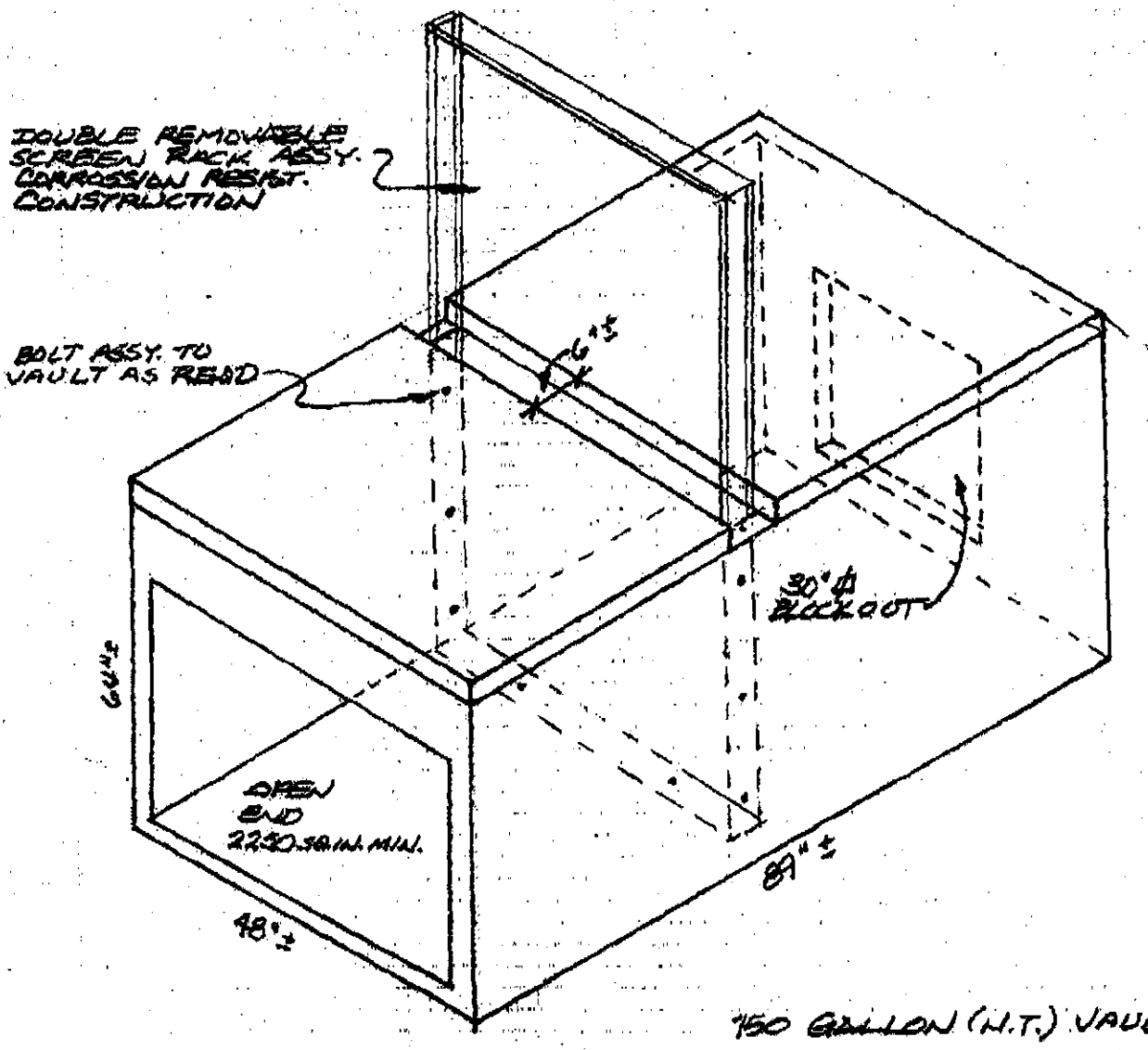
TITLE: Screen Assembly Sketch DCR REF:

Treasure Valley Fire Protection, Inc.
2731 S. Saturn Way • Boise, Idaho 83709
208-362-1888 • Fax 208-362-2207

10

DATE: 8-26-98

JOB NAME: DURA-TOP JOB NO:



150 GALLON (N.T.) VAULT.
5600 lbs.

63-12438

SKETCH NO:

TITLE: SCREEN ASSEMBLY SKETCH DCR REF:

11

Treasure Valley Fire Protection, Inc.
2731 South Saturn Way Boise, Idaho 83709
(208)362-1888 Fax (208)362-2207

August 17,1998

Dura-Top of Idaho Corporation
PO Box 669
Boise, Idaho 83701
Attention: Tom Hisaw

Reference: New Fire Pump Facility

Tom,
We are still in the process of reviewing the items that we discussed late last week regarding the Boise Fire Department's comments for the project. We will forward any information that we are able to obtain as soon as it be comes available.

I spoke to Mr. Russ Bartlett with The Nickerson Company regarding the capability of the fire pump that has been purchased for the project. Although the pump is rated at 1500 gpm, it will produce considerably higher demand points. Please see the attached information that Mr. Bartlett has provided. Based on a potential fire flow demand of 2500 gpm at 20 psi as we have previously discussed, this pump will perform adequately.

I have also spoken to Mr. David Miller with the Boise Fire Department regarding the comment about the double removable screen assembly. I have sent information via fax for his review and am currently awaiting his response. As soon as I receive that information I will fax it on to you.

If we can be of any further assistance please feel free to call us.

RECEIVED
AUG 18 1998
DURA-TOP OF IDAHO

Sincerely,
Treasure Valley Fire Protection, Inc.

Greg Patrick
Senior Engineering Technician

63-12438
~~63-128~~

12

P.O. Box 25425 Salt Lake City, Utah 84125
Phone (801) 973-6658 Fax (801) 973-6257
Email: russ@nickpumps.com

Nickerson Co., Inc.

Fax

To: TREASURE VALLEY FIRE PROTECTION. ATTN: GREG PATRICK **From:** Russ Bartlett

Fax: 208-362-2207 **Pages:** 1 (including this sheet)

Phone: **Date:** 08/18/98

Re: FLOWAY VERTICAL TURBINE FIRE PUMP FOR THE DURA TOP FACILITY. **CC:**

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• **Comments:**

GREG,

AS WE DISCUSSED, THIS PUMP IS RATED FOR 1500 GPM @ 104 PSI BOOST. RUNNING AT 2500 GPM IT WILL PROVIDE 58 PSI BOOST, WHICH WILL NOT CAUSE ANY UNDO STRESS ON THE PUMP OR MOTOR. THE MOTOR IS SIZED TO BE NON-OVERLOADING AT ANY POINT ON THIS PUMP CURVE AND WE SEE NO TROUBLES AT ALL WITH THE EQUIPMENT WE HAVE SUPPLIED BY RUNNING AT THIS CAPACITY POINT.

SHOULD YOU NEED ANYTHING FURTHER, PLEASE CALL

REGARDS,

RUSS

63-12438

TOTAL P.01

BUILDING DEPARTMENT
TIMOTHY J. HOGLAND, DIRECTOR

BOISE
CITY OF TREES

H. BRENT COLES
MAYOR

Control # 014999
Date March 5, 1999

Certificate of Compliance

2960 S. Wise Way — Building Address
Tom Hisaw — Permit Holder

The work authorized under building permit number BLD98-2200 for a pump house (type of structure) has been inspected for compliance with the Uniform Building Code and other Boise City Ordinances that pertain to this structure.

The requirement for final inspection and approval by other trades (Electrical, Plumbing and Heating) has been verified by Russ Owen (name of inspector) who is authorized to issue this letter.

This Certificate of Compliance is issued at the job site as notice that the requirements of the Boise City Building Department have been met.

Russ Owen/cw
Inspector Signature

Timothy J. Hogland, Director
Boise City, Building Department

63-12438

(1)

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

April 11, 2000

DURA-TOP OF IDAHO CORP
3 BUNCH DR
GARDEN VALLEY ID 83622

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-12438

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

Be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the Regional Western Office of the department in Boise at (208) 334-2190.

Sincerely,

Deborah Drew-Ellis

Deborah Drew-Ellis
Administrative Assistant
Water Allocation Bureau

c: IDWR - Regional Office

63-12438

Amt. of Fee $: P.165
Receipt No. W023202
Receipt By: SL
Date Receipted: 3-9-2000

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
MAR 13 2000
Department of Water Resources

RECEIVED (2)
MAR 09 2000
WATER RESOURCES
WESTERN REGION

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources considers this form a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner.

1. Permit No. 63-12438 Telephone No. 208 462-4075

2. Name of Permit Holder(s): DURA-TOP OF IDAHO CORP. (2960 WISE WAY BOISE, ID. 83712)

3. Mailing Address: 3 BUNCH DR.

City GARDEN VALLEY State ID Zip 83622

4. Source of Water: GROUNDWATER If GROUNDWATER (well), Date Drilled: mo. 5 / yr. 98

a. Well Driller STEVENS & SONS Drilling Permit Number: 63-98-W-0006-000

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: FIRE PROTECTION

6. Total rate of diversion and/or volume for which proof is submitted: 3.50 cfs OR _____ acre feet

7. Measuring Device Requirement: **(refer to the approval conditions on your permit and respond accordingly)**
(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes ____ or No ✓
Has the measuring device been installed? – N/A Yes ____ or No ✓

8. Fee Enclosed: $ 175.00 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: TOMMY G. HIGAW Telephone Number: 208 462-4075

Address: 3 BUNCH DR., GARDEN VALLEY, ID. 83622

10. ***The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted. I agree to relinquish any undeveloped portion of the permit to the State of Idaho.***

Signature of permit holder: Tommy G. Higaw - President Date: 3-6-00
(include your title, if on behalf of company of organization)

63-12438

Drilling Permit No. 63-70-W-1106-000
Water Right Permit No. 63-12438
Injection Permit No. _____

D0001915

(1)

DRILLER: PLEASE COMPLETE FOR VERBAL
IWR Employee Issuing Verbal: _____
Verbal Issued Date: _____ Time: _____

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WATER RESOURCES
WESTERN REGION

State of Idaho
Department of Water Resources

APPLICANT'S COPY

APPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)

Applicant (please print): CURA-TOP OF IDAHO CORPORATION

Mailing Address: PO Box 1069 Boise ID 83701 2960 Wise Way Boise ID 83712

City & State BOISE IDAHO Zip Code 83712 Telephone 208-342-4547

[X] Well Owner [ ] Well Operator [ ] Contractor or Other, specify _____

Proposed Well Location: Twp. 03N, Rge. 03E, Sec. 19/30, SW 1/4 SE 1/4 SE 1/4;

Gov't Lot No. _____ County ADA Lat. ____:____:____ Long. ____:____:____

Street Address of Well Site 2960 WISE WAY BOISE ID 83712 City BOISE
Give at least name of road + Distance to Road or Landmark

Lot, block and subdivision _____

Proposed Use of Well:

[ ] DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC: [ ] Irrigation [ ] Municipal [ ] Industrial
[ ] Stock [ ] Test [X] Other FIRE PROTECTION - (Describe) FLAGS AND HYDRANTS
(Over 1,000 Head)

[ ] INJECTION

[ ] MONITORING: A well bore schematic and map is required for each blanket permit.
No. of proposed wells: _____

Well Construction Information:

A. [X] New well [ ] Modify [ ] Replace

B. Proposed Casing Diameter 12" Proposed Maximum Depth 100' MAXIMUM

C. Anticipated bottom hole temperature:
[X] 85°F or less (Cold Water Well) [ ] 85°F to 212°F (Low Temp. Geo. Well) [ ] 212° F. or more (Geothermal Well)

Construction Start Date: 4-27-98

Anticipated Well Driller: STEVENS & SON Driller's Lic. No. 153
NOTE: The actual well driller must be identified prior to drilling.

Applicant's Signature _____ Date 4-8-98

Title PRESIDENT / OWNER
(Owner, Firm Representative, Other)

63-12438

ACTION OF THE DEPARTMENT OF WATER RESOURCES

APPROVED

This Permit is _____. Date 4-7-98

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY

(2)

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1 year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank
3. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

SPECIFIC CONDITIONS:

MANAGER
WESTERN REGIONAL OFFICE

Sam Sparkman _____
Signature of Authorized Department Representative Title

Receipt No. W0236095 Receipted by OK Fee 200— Date 4-8-98

EXTENSION OF DRILLING PERMIT

Extension approved by _____ Approval Date _____

This extension expires: _____

63-12438

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: Long:

(3)

1. DRILLING PERMIT NO. 63-98-W-0206-000
Other IDWR No. 63-12438

2. OWNER:
Name Dura Top of Idaho
Address 2960 Wise Way
City Boise State ID Zip 83712

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp 3 North ☒ or South ☐
Rge 3 East ☒ or West ☐
Sec 19 S/W 1/4 (10 acres) S/E 1/4 (40 acres) S/E 1/4 (160 acres)
Gov't Lot ____ County Ada
Lat: Long:
Address of Well Site 2960 Wise Way City Boise
(Give at least name of road + Distance to Road or Landmark)
Lt. ____ Blk. ____ Sub. Name ____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other fire protection

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other ____

6. DRILL METHOD
☐ Air Rotary ☒ Cable ☐ Mud Rotary ☐ Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite	0	18	1200#	poured
#6-9 sand	18	60	3600#	poured

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) ____
Was drive shoe seal tested? ☐ Y ☐ N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16"	1'6"	20	.375	steel	☒	☒	☒	☐
16"	55'	60'	.375	steel	☒	☒	☐	☐
					☐	☐	☐	☐

Length of Headpipe 20'6" Length of Tailpipe 5"

9. PERFORATIONS/SCREENS
☐ Perforations Method ____
☒ Screens Screen Type 304 stainless veewire

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
20	55	.040		16	steel	☒	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
5 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
540	33'	38'	2 hrs

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
20	0	4	sandy topsoil		X
	4	10	sand	X	
	10	55	sand & gravel	X	
	55	60	greenish clay		X

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Completed Depth 60' (Measurable)
Date: Started 5/4/98 Completed 5/20/98

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

Firm Name Stevens & Sons Firm No. 153
Firm Official Ronald Stevens Date 5/22/98
and
Supervisor or Operator ____ Date ____
(Signature of Firm Official or Operator)

FORWARD WHITE COPY TO WATER RESOURCES

63-12438

STEVENS & SONS
WELL DRILLING, INC.
3709 HAWTHORNE DRIVE • BOISE, IDAHO 83703-4529 • PHONE: 208 •344-0726 • FAX: 208 •344-0769

STATEMENT

TO: Dura Top of Idaho
2960 Wise Way
Boise, Idaho 83712

DATE: ~~5/25/98~~

030-007

DESCRIPTION	CHARGE PER UNIT	NO. OF UNITS	AMOUNT
fire protection well at 2960 Wise Way			
1. mobilization			$ 500.00
2. 20" drilling & temporary casing	$125	60'	7500.00
3. 16" X .375 casing	$29	26½'	768.50
4. 16" stainless steel screens	$200.40	35'	7014.00
5. #6-9 Colorado sand pack	$13.50	36 bg	486.00
6. surface seal	$800	1	800.00
7. install sand pack & develop screens	$150	26½ hr	3975.00
8. test pump			2000.00
			$23,043.50

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DURA-TOP OF IDAHO

TOTAL ~~$23,043.50~~

63-12438

STEVENS & SONS
WELL DRILLING, INC.
3709 HAWTHORNE DRIVE • BOISE, IDAHO 83703-4529 • PHONE: 208 •344-0726 • FAX: 208 •344-0769

(2)

May 25, 1998

Dura Top of Idaho
2960 Wise Way
Boise, Idaho 83712

pump proposalfor well drilled at 2960 Wise Way:

7TLC 10HP 460 volt 550 gal. pump			$ 3,140.00
4" pitless adapter			980.00
4" check valve			340.00
10 gauge wire	$1.05	50'	52.50
16" well cap			150.00
4" galvanized pipe	$6.50	42'	273.00
			$ 4,935.50

030-007

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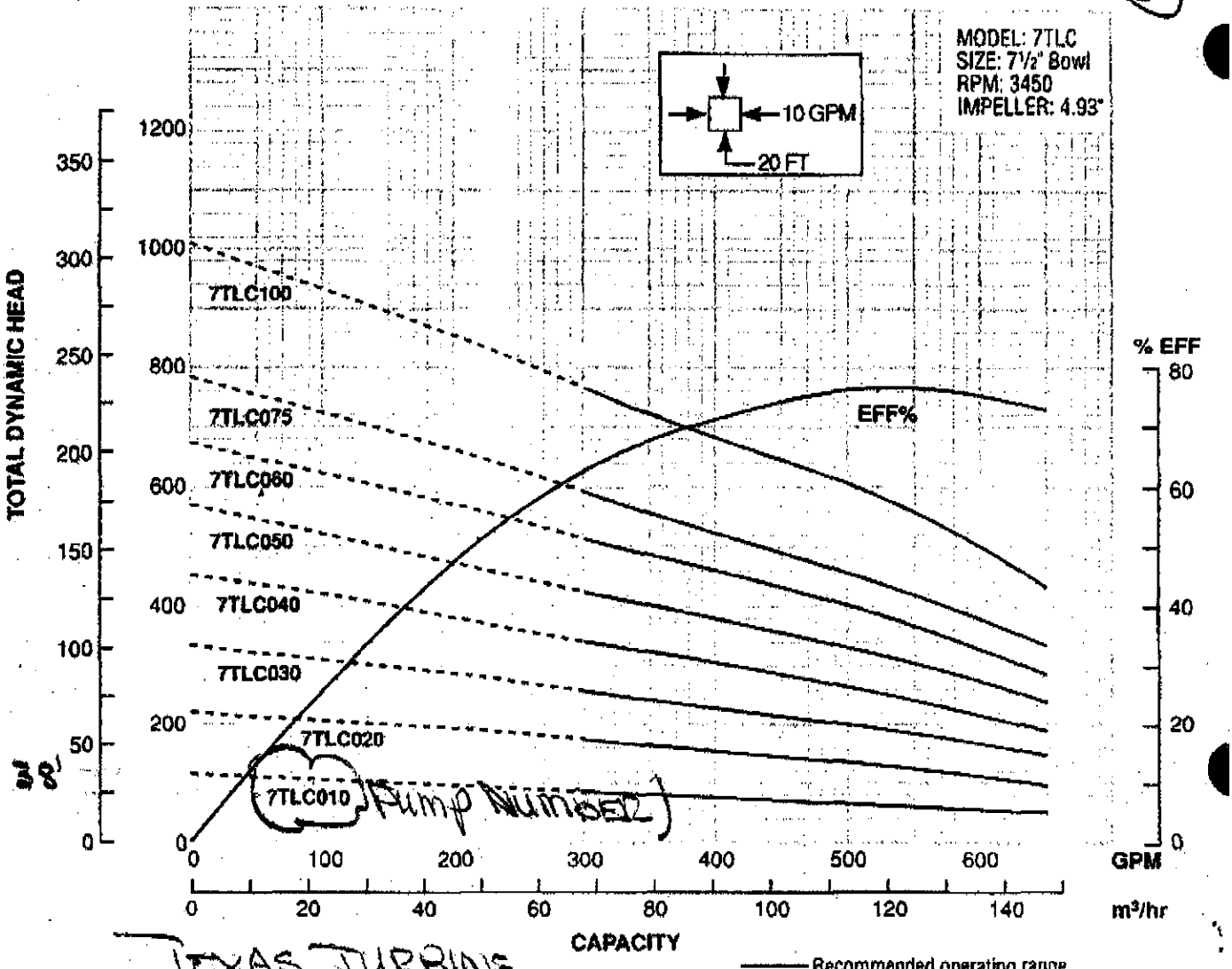
JUN 0 3 1998
DURA-TOP OF IDAHO

POSTED

63-12438



Pump SET AT 8'

(Pump Number)

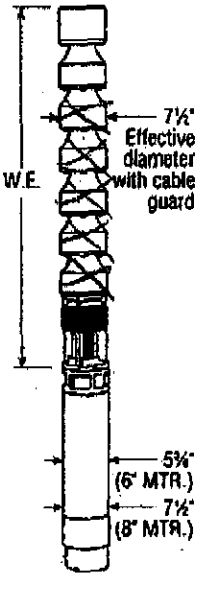
TEXAS TURBINE BY GOULDS PUMP

DIMENSIONS AND WEIGHTS

HP	Stages	W.E. Order Number	W.E. Length	W.E. Wt. (lbs.)
10	1	7TLC01066BTS	23¾	78
20	2	7TLC02066BTS	30¾	109
30	3	7TLC03066BTS	37¾	140
40	4	7TLC04066BTS	44¾	171
50	5	7TLC05066BTS	52	202
60	6	7TLC06066BTS	59	233
75	7	7TLC07566BTS	66¼	264
100	9	7TLC10066BTS	80¾	326

(All dimensions in inches and weights in lbs. Do not use for construction purposes.)

PLEASE NOTE:
- Order motors separately.
- For intermediate horsepower pumps consult factory.
- Solid line is recommended operating range. The dotted line (- - - -) signifies an alternate pump selection is available.
- Please specify all options changes in W.E. order number.



MATERIALS OF CONSTRUCTION

Part Name	Material
Shaft	ASTM A582 TYPE 416
Coupling	ASTM A582 S41600 CD
Suction Adapter	ASTM A48 CL 40
Discharge Bowl	ASTM A48 CL 30B
Rubber Bearings	RUBBER
Optional Bronze Bearings	ASTM B584
Discharge Bowl Bearing	ASTM B584
Taperlocks	ASTM A108 GR 1018
Epoxy Lined Bowl	ASTM A48 CL 30B
Upthrust Collar	ASTM A276 S41400
Impeller	ASTM B584
Fasteners	SAEJ429 GR 8
Cable Guard	ASTM A240 S 30400
Suction Strainer	ASTM A240 S 30400

10 GA. WIRE WILL RUN 790 HF

63-12438

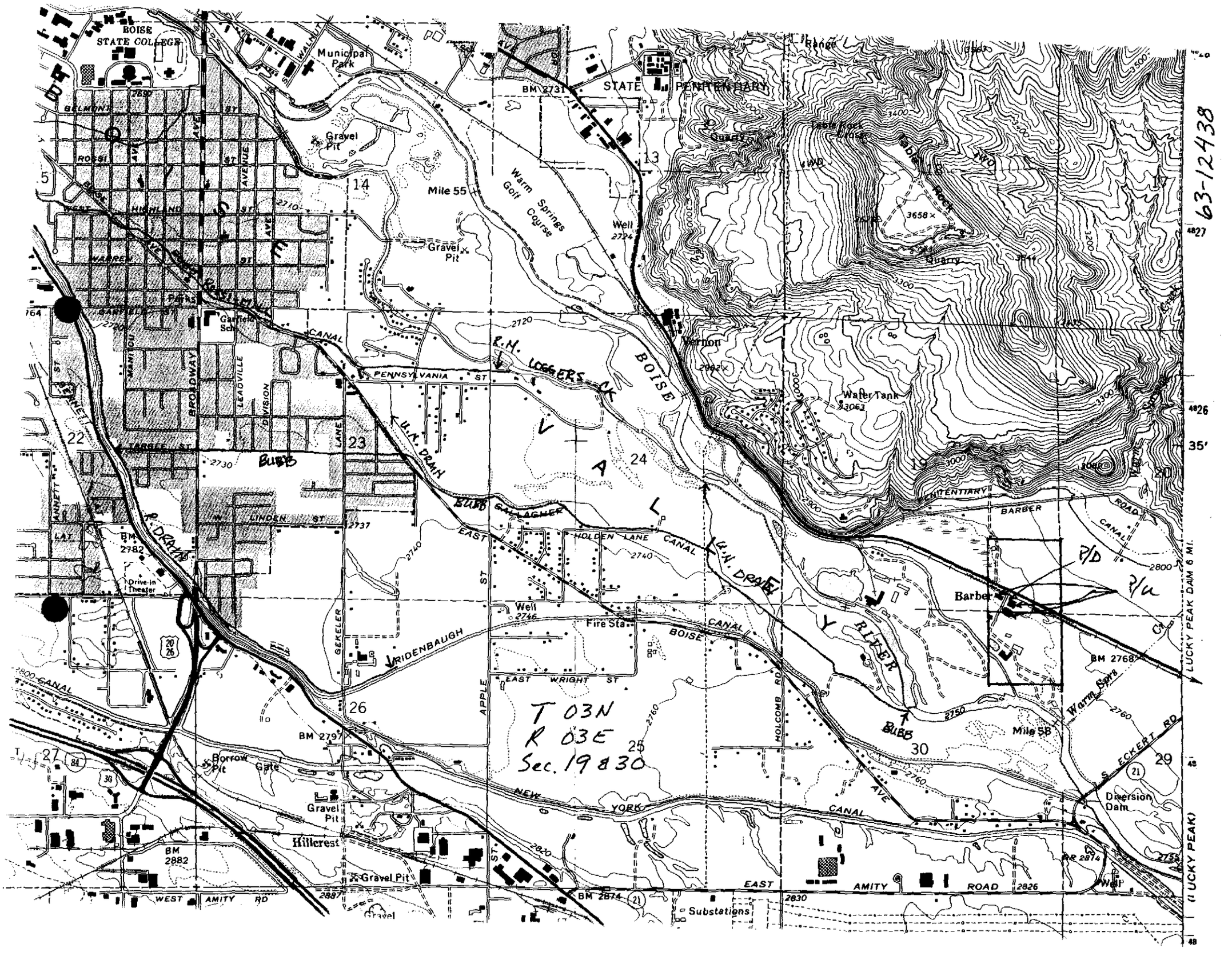
Table 12 Three Phase Motor Specifications (60 Hertz)

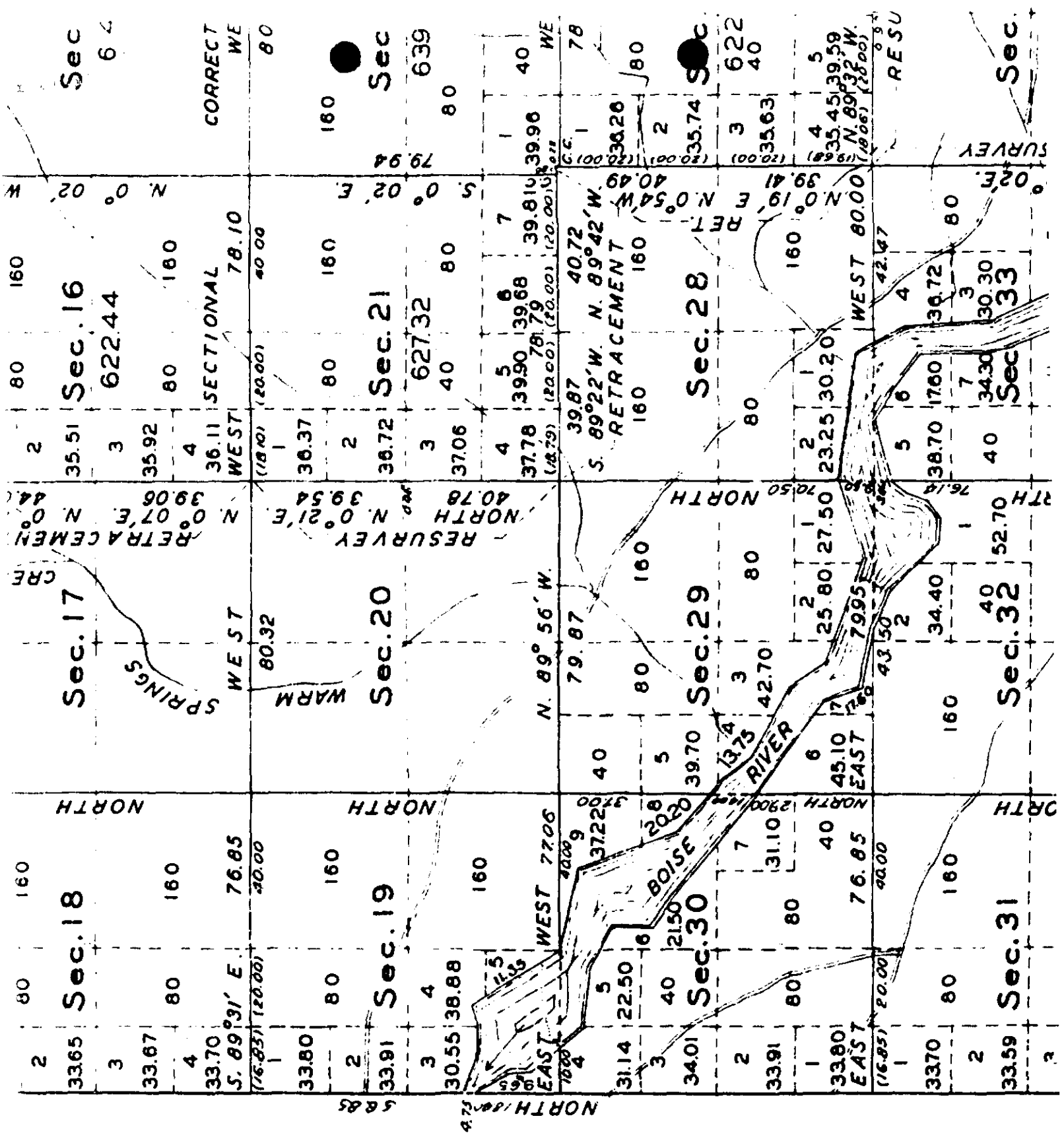
Motor Model Number	HP	Volts	Hz	Service Factor	Amps	Watts	Locked Rotor Amps	Speed RPM	Efficiency %			Power Factor %			Locked Rotor KVA Code	Insulation Class and Temp. Rise °C
234501	1/2	200	60	1.6	2.8	585	3.4	860	6.64-7.3	69.5	63.7	58.2	75.8	61.0	52.5	17.3	N	10	5
234511	1/2	230	60	1.6	2.4	585	2.9	860	9.5-10.4	69.5	63.7	58.2	75.8	61.0	52.5	15.0	N	8	4
234521	1/2	460	60	1.6	1.2	585	1.5	860	38.4-41.6	69.5	63.7	58.2	75.8	61.0	52.5	7.5	N	4	2
234502	3/4	200	60	1.5	3.8	810	4.4	1150	4.66-5.12	73.2	69.2	64.6	78.2	66.0	57.2	24.6	N	12	6
234512	3/4	230	60	1.5	3.1	810	3.8	1150	7.24-7.84	73.2	69.2	64.6	78.2	66.0	57.2	21.4	N	11	5
234522	3/4	460	60	1.5	1.6	810	1.9	1150	27.8-30.2	73.2	69.2	64.6	78.2	66.0	57.2	10.7	N	5	3
234503	1	200	60	1.4	4.5	1070	5.4	1440	4.1-4.5	72.5	70.0	66.0	79.4	69.1	60.0	31.0	M	15	8
234513	1	230	60	1.4	3.9	1070	4.7	1440	5.2-5.6	72.5	70.0	66.0	79.4	69.0	60.0	27.0	M	12	6
234523	1	460	60	1.4	2.0	1070	2.4	1440	21.2-23.0	72.5	70.0	66.0	79.4	69.0	60.0	13.5	M	6	3
234504	1 1/2	200	60	1.3	5.6	1460	6.8	1890	2.5-3.0	77.0	76.4	74.1	81.6	73.4	63.7	36.1	K	20	8
234514	1 1/2	230	60	1.3	5.0	1460	5.9	1890	3.2-4.0	77.0	76.4	74.1	81.6	73.4	63.7	33.1	K	15	7
234524	1 1/2	460	60	1.3	2.5	1460	3.0	1890	13.0-16.0	77.0	76.4	74.1	81.6	73.4	63.7	16.6	K	8	4
234534	1 1/2	575	60	1.3	2.0	1460	2.4	1890	20.3-25.0	77.0	76.4	74.1	81.6	73.4	63.7	13.2	K	6	3
234305	2	200	60	1.25	7.7	2150	9.3	2700	1.9-2.4	69.5	69.5	67.4	84.4	79.0	71.2	63.6	L	25	10
234315	2	230	60	1.25	6.7	2150	8.1	2700	2.4-3.0	69.5	69.5	67.4	84.4	79.0	71.2	46.6	L	20	10
234325	2	460	60	1.25	3.4	2150	4.1	2700	9.7-12.0	69.5	69.5	67.4	84.4	79.0	71.2	23.3	L	10	5
234335	2	575	60	1.25	2.7	2150	3.2	2700	15.1-18.7	69.5	69.5	67.4	84.4	79.0	71.2	18.6	L	15	4
234306	3	200	60	1.15	10.9	2980	12.5	3420	1.3-1.7	75.5	75.2	73.2	81.5	77.8	69.5	71	K	35	15
234316	3	230	60	1.15	9.5	2980	10.9	3420	1.8-2.2	75.5	75.2	73.2	81.5	77.8	69.5	62	K	30	12
234326	3	460	60	1.15	4.8	2980	5.5	3420	7.0-8.7	75.5	75.2	73.2	81.5	77.8	69.5	31	K	15	6
234336	3	575	60	1.15	3.8	2980	4.4	3420	10.9-13.6	75.5	75.2	73.2	81.5	77.8	69.5	25	K	12	5
234307	5	200	60	1.15	18.3	5050	20.5	5810	.70-.94	74.0	74.0	72.2	84.0	81.0	73.0	122	K	50	25
234317	5	230	60	1.15	15.9	5050	17.8	5810	.93-1.2	74.0	74.0	72.2	84.0	81.0	73.0	106	K	45	20
234327	5	460	60	1.15	8.0	5050	8.9	5810	3.6-4.4	74.0	74.0	72.2	84.0	81.0	73.0	53	K	25	10
234337	5	575	60	1.15	6.4	5050	7.1	5810	5.6-6.9	74.0	74.0	72.2	84.0	81.0	73.0	43	K	20	8
234308	7 1/2	200	60	1.15	26.5	7360	30.5	8450	.46-.57	76.2	76.0	74.0	83.2	80.0	72.2	188	K	80	35
234318	7 1/2	230	60	1.15	23.0	7360	26.4	8450	.61-.75	76.2	76.0	74.0	83.2	80.0	72.2	164	K	70	30
234328	7 1/2	460	60	1.15	11.5	7360	13.2	8450	2.4-3.4	76.2	76.0	74.0	83.2	80.0	72.2	82	K	35	15
234338	7 1/2	575	60	1.15	9.2	7360	10.6	8450	3.5-5.1	76.2	76.0	74.0	83.2	80.0	72.2	65	K	30	12
234329 *	10	460	60	1.15	17.0	10000	18.8	11400	1.8-2.3	75.2	74.5	72.0	79.2	75.5	67.1	116	K	50	25
234339	10	575	60	1.15	13.6	10000	15.0	11400	2.8-3.5	75.2	74.5	72.0	79.2	75.5	67.1	93	K	40	20

6 Inch - 3450 RPM

236650	5	200	60	1.15	17.5	4700	19.1	5400	.68-.84	79.5	79.1	77.2	82.0	79.5	73.8	99	H	50	25
236600	5	230	60	1.15	15.0	4700	16.6	5400	.88-1.09	79.5	79.1	77.2	82.0	79.5	73.8	86	H	45	20
236610	5	460	60	1.15	7.6	4700	8.3	5400	3.53-4.37	79.5	79.1	77.2	82.0	79.5	73.8	43	H	25	10
236620	5	575	60	1.15	6.0	4700	6.6	5400	5.93-7.16	79.5	79.1	77.2	82.0	79.5	73.8	34	H	20	8
236651	7 1/2	200	60	1.15	25.1	7050	28.3	8000	.39-.48	79.8	80.0	78.7	83.0	80.5	73.8	160	H	70	30
236601	7 1/2	230	60	1.15	21.8	7000	24.6	8000	.57-.71	79.8	80.0	78.7	83.0	80.5	73.8	130	H	70	30
236611	7 1/2	460	60	1.15	10.9	7000	12.3	8000	2.17-2.68	79.8	80.0	78.7	83.0	80.5	73.8	65	H	30	15
236621	7 1/2	575	60	1.15	8.7	7000	9.8	8000	3.65-4.41	79.8	80.0	78.7	83.0	80.5	73.8	52	H	25	12
236652	10	200	60	1.15	32.7	9400	37	10800	.33-.42	79.2	79.4	78.0	85.5	83.2	77.2	198	H	100	40
236602	10	230	60	1.15	28.4	9400	32.2	10800	.44-.56	79.2	79.4	78.0	85.5	83.2	77.2	172	H	80	35
236612	10	460	60	1.15	14.2	9400	16.1	10800	1.76-2.17	79.2	79.4	78.0	85.5	83.2	77.2	86	H	40	20
236622	10	575	60	1.15	11.4	9400	12.9	10800	2.87-3.47	79.2	79.4	78.0	85.5	83.2	77.2	69	H	35	15

63-12438


BOISE STATE COLLEGE
Municipal Park
STATE PENITENTIARY
Range
Gravel Pit
Quarry
Table Rock Drive
Mile 55
Warm Springs Golf Course
Well 2724
Gravel Pit
Quarry
Table Rock
Vernon
Water Tank 3063
R.N. LOGGERS CK
BOISE
V A L L E Y
U.N. DRAIN
CANAL
PENNSYLVANIA ST
BUBB
GALLAGHER
EAST HOLDEN LANE CANAL
U.N. DRAIN
BARBER CANAL
Barber
Fire Sta
Well 2746
BOISE CANAL
RIDENBAUGH
EAST WRIGHT ST
APPLE ST
GEKELER
HOLCOMB RD
Mile 58
Warm Springs
S ECKERT RD
Diversion Dam
BM 2768
BM 2797
Borrow Pit
Gate
Gravel Pit
Hillcrest
BM 2882
Gravel Pit
BM 2874
NEW YORK CANAL
EAST AMITY ROAD
WEST AMITY RD
Substations
LUCKY PEAK DAM 6 MI.
(LUCKY PEAK)
T 03N
R 03E
Sec. 19 & 30
63-12438



T 03 N
R 03 E
Sec. 30

63-12438

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IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. **DRILLING PERMIT NO:** 63-98-W-0206-000 **OTHER APPLICABLE NO:** 63-12438

2. **OWNER:** Dura Top of Idaho Corp Phone: (208) 462-4075
Address: P.O. Box 669, Boise, ID 83701

3. **WELL LOCATION:** Twp 03N, Rge. 03E, Sec. 19, SE 1/4 SE 1/4
County Ada (Provide sketch map and photo on reverse.)

4. **DRILLER:** Stevens & Sons Lic. No. _____
When Drilled? May 1998

5. **WELL CONSTRUCTION:**
Casing Diameter 16 inches Water tight cap? [X] Yes [ ] No Access Port: [X] Yes [ ] No
Casing ≥ 12 inches above ground? [X] Yes [ ] No - Describe _____
Depth of Casing 60 ft. Method Drilled Cable
Condition of Well Casing: [X] Good [ ] Fair [ ] Poor Describe _____
Control Valve? [X] Yes [ ] No Pressure Gauge: [X] Yes [ ] No
Condition of Piping and Valving Good
Auger to a depth of _____ ft. Evidence of Annular Seal [ ] Yes [ ] No
Are there obvious constuction problems that may be a source for contamination or waste of water?
[ ] Yes [X] No (Describe in Remarks and Attach Photo - On Reverse)

6. **HYDROLOGIC INFORMATION:**
Depth to Static Water 5 ft. Water Temperature cold °F
Flowing Artesian [ ] Yes [X] No Pressure: _____ (psi)
Water Sample Taken? [ ] Yes [X] No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____

7. **WELL USE:**

[ ] Domestic	[ ] Irrigation	[ ] Stock
[ ] Test	[ ] Municipal	[ ] Industrial
[ ] Abandoned	[ ] Waste Disposal/Injection	[ ] Not Used

[X] Other: Fire Protection

8. **POSSIBLE CONTAMINATION SOURCES:**

Is there evidence of Chemigation? [ ] Yes [X] No

If yes, is there a check-valve present? [ ] Yes [ ] No

Is there a possible source of contamination nearby? [ ] Yes [X] No

If yes, what Type? _____

How far away from the well is this source? _____

9. **REMARKS:** _____

Richard D. Hansen — Field Examiner
Signature of Dept. Representative & Title

8-16-00
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:

Form 238-7
3/95

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp____ Rge____ Sec____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 63-98-W-0206-000 -____
Other IDWR No. 63-12438

2. OWNER:
Name Dura Top of Idaho
Address 2960 Wise Way
City Boise State ID Zip 83712

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North XX or South ☐
Rge. 3 East XX or West ☐
Sec. 19, S/W (10 acres) 1/4 S/E (40 acres) 1/4 S/E (160 acres) 1/4
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 2960 Wise Way
City Boise
(Give at least name of road + Distance to Road or Landmark)

Lt.____ Blk.____ Sub. Name____

4. USE:
☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other fire protection

5. TYPE OF WORK check all that apply (Replacement etc.)
XX New Well ☐ Modify ☐ Abandonment ☐ Other____

6. DRILL METHOD
☐ Air Rotary XX Cable ☐ Mud Rotary ☐ Other____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite	0	18	1200#	poured
#6-9 sand	18	60	3600#	poured

Was drive shoe used? ☐ Y XX N Shoe Depth(s)____
Was drive shoe seal tested? ☐ Y XX N How?____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16"	1'6"	20	.375	steel	XX	XX	XX	☐
16"	55'	60'	.375	steel	XX	XX	☐	☐
					☐	☐	☐	☐

Length of Headpipe 20'6" Length of Tailpipe 5"

9. PERFORATIONS/SCREENS
☐ Perforations Method____
XX Screens Screen Type 304 stainless veewire

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
20	55	.040		16	stnls	XX	XX
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
5 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices:____

11. WELL TESTS:
XX Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
540	33'	38'	2 hrs

Water Temp.____ Bottom hole temp.____
Water Quality test or comments:____
Depth first Water Encountered____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
20	0	4	sandy topsoil		X
	4	10	sand	X	
	10	55	sand & gravel	X	
	55	60	greenish clay		X

RECEIVED
JUN 02 1998
WATER RESOURCES
WESTERN REGION

Completed Depth 60' (Measurable)
Date: Started 5/4/98 Completed 5/20/98

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

Firm Name Stevens & Sons Firm No. 153
Firm Official Ronald Stevens Date 5/22/98
and
Supervisor or Operator____ Date____
(Sign once if Firm Official & Operator)

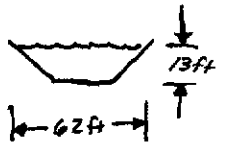
FORWARD WHITE COPY TO WATER RESOURCES

Computation Sheet

Dimensions of the Storage Pond

62' × 112' × 13'

side View



Capacity of Storage Pond

$62' \times 112' \times 13' \times 0.4 = 36,100\ ft^3$

If $\frac{1}{4}$ of the pond evaporates each week, then $9,025\ ft^3$ must be used to restore the pond to capacity.

The amount of water used each year is

$36,100\ ft^3 + 9,025\ ft^3 (51) = 496,375\ ft^3$

$$496,375\ ft^3 \times \frac{1\ AF}{43,560\ ft^3} = 11.4\ AF$$

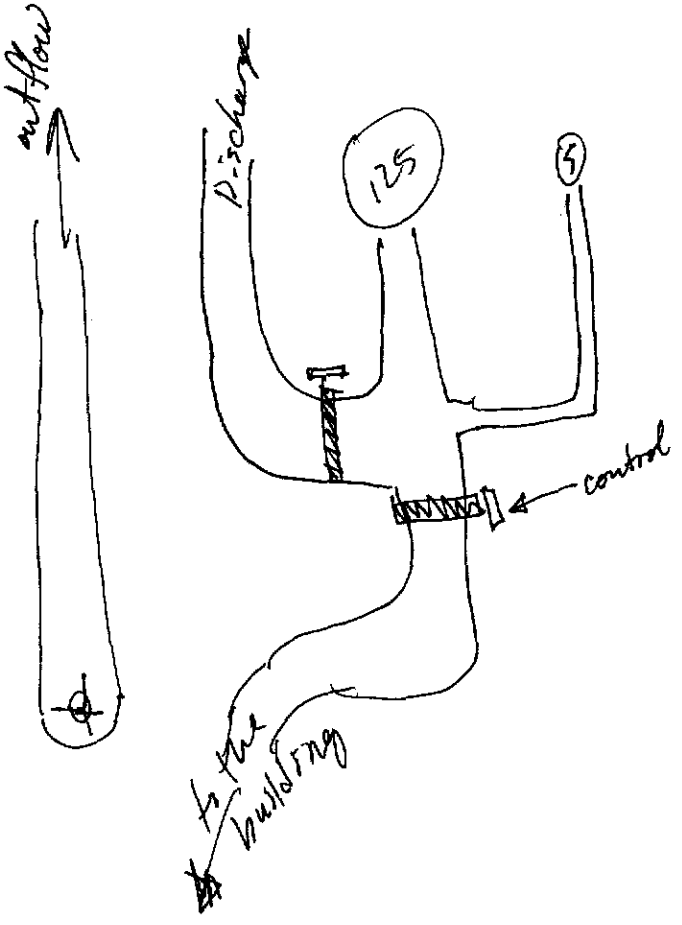
The annual volume diverted to refill the storage pond is approximately 12.0 AF.

63-12438

Field Notes

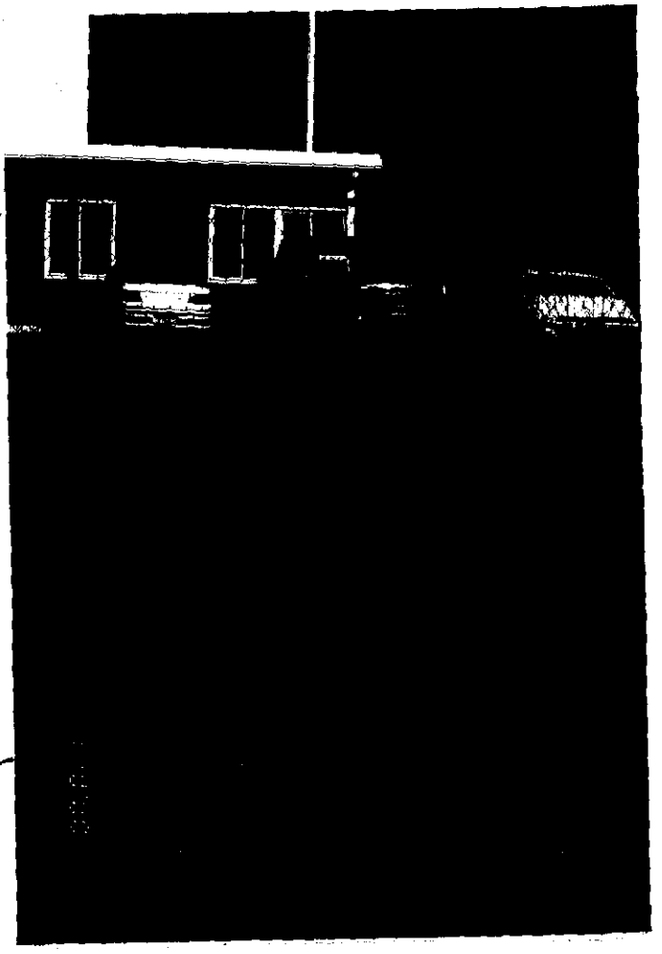
5 hp 3 phase
FLOWAY Pumps TYPE HOL Stage - 11
Serial # 82263-4

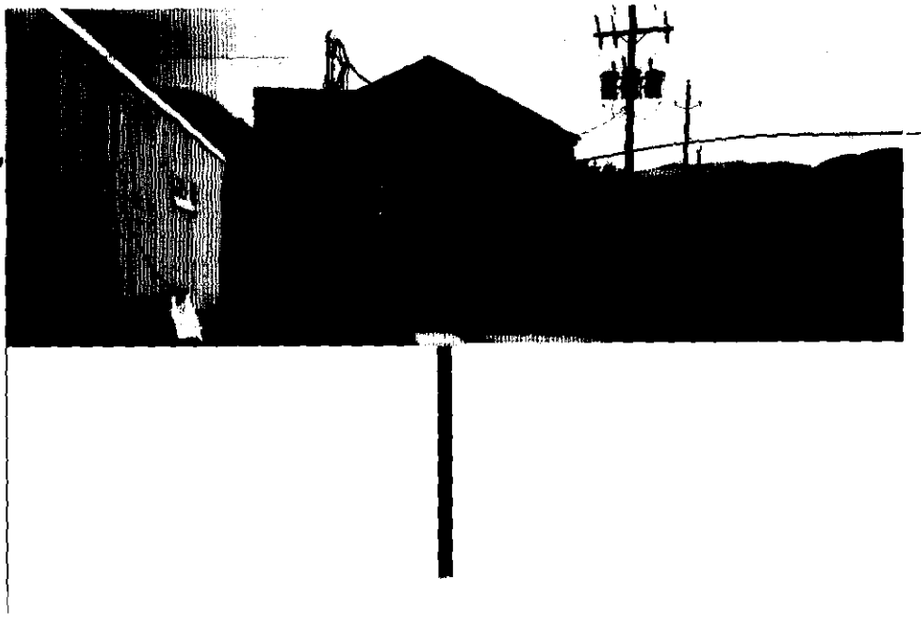
125 hp 90 psi
150 psi



6 in-buried line

Fills pond every week because of evaporation.


P/U
P/D


P/U
Pump house

Storage Pond

63-12438

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

April 11, 2000

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

DURA-TOP OF IDAHO CORP
3 BUNCH DR
GARDEN VALLEY ID 83622

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-12438

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

Be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the Regional Western Office of the department in Boise at (208) 334-2190.

Sincerely,

Deborah Drew-Ellis

Deborah Drew-Ellis
Administrative Assistant
Water Allocation Bureau

c: IDWR - Regional Office

MICROFILMED
SEP 1 8 2000

ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE

Permit No. 63-12438 Reviewed by D. Ellis Date 4/10/2000

GENERAL CONSIDERATIONS

Yes Name same as permit?
No Address same as permit?
Yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Fire Protection

Correct Uses? Yes

SOURCE OF WATER

_____ Surface water source

✓ Ground water source
Yes Drilling permit required? 63-98-W-0206-000 (3N, 3E, Sec. 19)
No Copy in the file? Drilling Permit No. 63-95-W-0101-000 (3N, 3E, Sec. 30)
_____ Amount paid for permit _____ Correct?
Yes Well log in the file?

LICENSE EXAMINATION FEE

Yes Required?
$175 Amount Submitted
Yes Correct?

MEASURING DEVICE

No Required?
_____ Installed?
_____ Waiver requested?

PRIORITY CALCULATION

Date proof received	3/13/2000	
Date proof due	5/1/2000	-
No. of days late		=
Priority Date		+
New Priority Date		

DEFICIENCIES OR ACTION ITEMS

Well logs proved a permit had been obtained. Acknowledge proof & no deficiencies.

DATA ENTRY

New Address 3 Bunch Dr., Garden Valley, Id. 83622 Proof Made 3/13/2000

Form 238.7
3/95

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

Office Use Only
Inspected by _____
Twp ____ Rge ____ Sec ____
____1/4 ____1/4 ____1/4
Lat: : : Long: : :

1. DRILLING PERMIT NO. 63-98-W-0206-000
Other IDWR No. 63-12438

2. OWNER:
Name: Dura Top of Idaho
Address: 2960 Wise Way
City: Boise State: ID Zip: 83712

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S

Twp. 3 North XX or South
Rge. 3 East XX or West
Sec. 19 S/W 1/4 S/E 1/4 S/E 1/4
(Quarters) (Quarters) (Quarters)
Gov't Lot ____ County Ada
Lat: : : Long: : :
Address of Well Site 2960 Wise Way
City Boise
(Give at least name of road + Distance to Road or Landmark)

Lt. ____ Blk. ____ Sub. Name ____

4. USE:
Domestic Municipal Monitor Irrigation
Thermal Injection Other fire protection

5. TYPE OF WORK check all that apply (Replacement etc.)
XX New Well Modify Abandonment Other ____

6. DRILL METHOD
Air Rotary XX Cable Mud Rotary Other ____

7. SEALING PROCEDURES

SEAL/FILTER PACK Material	From	To	AMOUNT Sacks or Pounds	METHOD
bentonite	0	18	1200#	poured
#6-9 sand	18	60	3600#	poured

Was drive shoe used? Y XX N Shoe Depth(s) ____
Was drive shoe seal tested? Y XX N How? ____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
16"	1'6"	20	.375	steel	XX	XX	XX	
16"	55'	60'	.375	steel	XX	XX		

Length of Headpipe 20'6" Length of Tailpipe 5"

9. PERFORATIONS/SCREENS
Perforations Method ____
XX Screens Screen Type 304 stainless veewire

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
20	55	.040		16	stnls	XX	XX

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
5 ft. below ground Artesian pressure ____ lb.
Depth flow encountered ____ ft. Describe access port or control devices: ____

11. WELL TESTS:
XX Pump Bailer Air Flowing Artesian

Yield (gpm)	Drawdown	Pumping Level	Time
540	33'	38'	2 hrs

Water Temp. ____ Bottom hole temp. ____
Water Quality test or comments: ____
Depth first Water Encountered ____

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Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
20	0	4	sandy topsoil		X
	4	10	sand	X	
	10	55	sand & gravel	X	
	55	60	greenish clay		X

RECEIVED
JUN 0 2 1998
WATER RESOURCES
WESTERN REGION

RECEIVED
JUN 04 1998
Department of Water Resources

Completed Depth 60' (Measurable)
Date: Started 5/4/98 Completed 5/20/98

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

Firm Name Stevens & Sons Firm No. 153
Firm Official Ronald Stevens Date 5/22/98
and
Supervisor or Operator ____ Date ____
(Signature of Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES

MICROFILMED

February 28, 2000

DURA TOP OF IDAHO CORP
PO BOX 669
BOISE ID 837010669

PROOF DUE NOTICE

RE: PERMIT NO. 63-12438

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before May 1, 2000. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

SINCERELY,

DEBORAH DREW-ELLIS
Administrative Assistant

Enclosures

MICROFILMED
APR 13 2000

CERTIFIED MAIL
NO. Z269224745

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098
Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

April 28, 1998

DURA TOP OF IDAHO CORP
PO BOX 669
BOISE ID 83701-0669

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-12438

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a **preliminary order** issued by IDWR pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.**

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a "Proof Due Notice" approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

The right to drill a well is not a part of this permit to appropriate water. Beginning in July of 1987, a statute was enacted which requires a drilling permit for new well construction and deepening of existing wells. If the well(s) proposed for use under this right were drilled or deepened after July 1, 1987, a separate drilling permit must be obtained from this Department. Please contact the Groundwater Protection Section located here at this office or our regional office nearest you.

MICROFILMED

MAY 18 1998

Also, please note that water right owners are required to report any change of water right ownership and/or change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a $100 late filing fee. Contact any office of the department or visit the department's homepage on the Internet to obtain the proper reporting form.

If you have any questions, please call me at 208-327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosures

MICROFILMED
MAY 1 8 1998

CERTIFICATE OF MAILING

I hereby certify that on the **28th** day of **April, 1998**, I mailed a true and correct copy, postage prepaid, of the foregoing **PRELIMINARY ORDER (Approved Permit)** to the person(s) listed below:

Water Right No. 63-12438

DURA TOP OF IDAHO CORP
PO BOX 669
BOISE ID 83701-0669

Kari Lynn Townsend
Secretary

MICROFILMED
MAY 18 1998

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. **A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of the order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from a preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

MICROFILMED
MAY 1 8 1998

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with a preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

(a) the petition for reconsideration is disposed of; or
(b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

i. A hearing was held,
ii. The final agency action was taken,
iii. The party seeking review of the order resides, or
iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

MICROFILMED
MAY 1 8 1998

12/97

APPLICATION FOR PERMIT
STATE OFFICE REVIEW

by Cindy Low

No.: 63-12438 Name: Dura-Top of Id Corp. Date: _____ Ad OK? _____ ✓ Gvmt Lts: _____

AREA OF CONCERN: - No/Yes: _____ Mor / _____ GWMA / Trust / Non-trust
PROTESTED: - 020 (Protest Agreement) or *W19* (Order)
SYSTEM COMPLETED:
> 1 year - ~~26A~~ P17
≤ 1 year/no proof - **P16**
GROUNDWATER: *(✓ FLO-CH)*
WMD (✓ MAP)
> 0.24 cfs/5 acres - 067 or No MD (in-stream stock or power)
≤ 0.24 cfs/5acres - No MD
~~WMD~~ Supplemental use - 065-079 (if GW use SW 1st-statewide)-(cannot move SW off)
> 0.24 cfs/5acres NA → - 01M (report when notified)
~~≤ 0.24 cfs/5acres~~ - No MD
DRILLING PERMIT:
All wells (✓ WDQ3) - 046 P23
Included w/permit - Permit No. _____ - _____ - _____ - _____ - _____, **P99**
irr. in WD - **P05** (new well location)
SURFACE WATER: *(✓FLO-CH)* (Surface water that *doesn't sink* is regulated):
IN/ABOVE MIN. STR. FLOW (✓ MAP) - *WB9 _____
WD (✓ MAP & LISTING) - R04 (WD #_____)
> 0.10 cfs - 01J-**P08** (MD & LD)
≤ 0.10 cfs - 01H-**P01** (LD) or No MD (in-stream stock)
WMD (✓ MAP)
> 0.24 cfs/5 acres - 067 or No MD (in-stream stock or power)
≤ 0.24 cfs/5acres - No MD
SPRINGS/SINK, INACTIVE WD & REST OF STATE
> 0.24 cfs/5 acres - 01M or No MD (in-stream stock or power)
≤ 0.24 cfs/5acres - No MD
RIVER BASINS: (**Surface water*):
Snake R (01) - *W22 -**P04**, NA
(02/03-irr) - 007 (w/ remark *WB9* if above Weiser), NA
Payette R(65) - *W22* (regulated uses), 047-**P04** (Payette Lake), NA
Salmon R (70's) - 029 (fish screens), NA
USE:
Domestic surface - *WB5* (Big Wood R or Boise R ↑ Star Bridge); 27A (Payette River); NA
>1 in rest. area - 071-070
Fire Protection - 077
Fish Propagation - 029-007-042*(req)*-081 (WQ)-**P10**
Heating/Cooling - R07 (injection well)
Irr ≤ 5 acres - R66/R67/R68/R69 (0.03 cfs/acre + 3.0/3.5/4.0/4.5 AF)
> 5 acres - R62/R63/R64/R65 (0.02 cfs/acre + 3.0/3.5/4.0/4.5 AF)
Mining - 054*(req)* -081-**P10**
Municipal - 022, 075, 004 (+memo?), NA (not in restricted area)
Power - 17H/17K(+uses)-08A-025(**P18**)-01N-028-081(**P10**)-027 (if no other cons. use); 17G (FERC) or 17M (~~FERC~~); 18B-**P09**; >25 cfs-**P18**
Stockwater - R37 (BLM/USFS); NA
Storage *(✓3 compo.)* - 18A (in & out MD for on-stream storage), 18B-**P09** (>10' dam), NA
LOCATION:
42-248 area - P84 (in 20/30/40/50/60/70/80 (~~87~~) basin)
Boise Front LoGeo - 058 (<85° GW temp only)
In-stream dev. - **P52** (stream channel alteration)
Mitigation - 120
SWAN FALLS FLAG *(See Code Chart)* - _____
Trust - 051-052-053-**P74** (Consumptive Uses), NA
Non-Trust (1) - 048-049 (Consumptive Uses), NA
OWNERSHIP: - 004 (PD/PU) _____
OTHER CONDITIONS: - _____ _____ _____
~~**STANDARD REMARKS:**~~ - _____
BENEFICIAL USE DUE: - 5/1/2000
COMMENTS: - Corp off.

Form No. 202a.
3/98

RECEIVED
APR 27 1998
DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: SA DATE: 3/13/98 APPLICATION: 63-12438

REQUIRED INFORMATION

✓ See O'Base Comment plus Signature block on application

- ___ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
- ___ Address:
- ___ Source: (See USGS Quad for names of water sources)
- ___ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
- ___ County:
- ___ Quantity: (flow and/or volume)
- ___ Period of use:
- ___ Nature of proposed use: (Include description of use)
- ___ Description of diverting works:
- ___ Time required for beneficial use of water:
- ___ Place of use or acres irrigated:
- ___ Map: (show T, R, S, QQ &/or QQQ)
- ___ Subdivision plat: (for > 1 home in restricted area. ≥ 5 homes in non-restricted area)
- ___ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
- ___ Correct fee paid

Gov't. Lots:
N P/D
Y P/U

ADDITIONAL INFORMATION

Yes ADVERTISE REMARK(S) (Reviewer identify which remarks)

N/A T FLAG CHANGED TO P FLAG

YES	NO	
✓	___	Overlapping place of use: (Describe source & relationship to present application on next page.)
✓	___	Overlapping point of diversion.
___	✓	Critical groundwater area:
___	✓	Groundwater management area: Coal water well in Basic Front gwma is ok. pld is not in SEBasic gwma.
___	*	1992 moratorium:
___	✓	Bull trout impact area
___	✓	E-mail to SCA staff: (perennial stream, non-pump diversion &/or any mining).
___	✓	E-mail to Dam Safety staff: (for any storage)
___	*	Mitigation plan: Check any that apply.
		___ immediate = acceptable plan required and submitted.
		___ future = open areas, acceptance of condition of approval is in file.
___	✓	Send power requirement letter:
___	✓	Send fish farm requirement letter:
___	✓	Power residency affidavit:
___	✓	Diversion greater than 5 cfs or 500 af or irrigation greater than 200 acres: (If yes, attach Large Diversion supplementary analysis sheet.)
___	✓	*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

* See NEXT page

Date Requested_____ Date Response Received_____

PROCESSING **APP. NO.** 63-12438

YES	NO	
✓		In form for advertising:
	✓	Statewide advertising: (> 10 cfs &/or 1000 af)
✓		Fee amount, receipt number and date recorded on application:

SEND COPIES TO: NOTE IF E-MAIL COMMENT LETTER USED.

YES	NO		YES	NO	
	✓	I.D. Health & Welfare		✓	U.S. BLM
	✓	I.D. District Health		✓	U.S. Forest Service
	✓	I.D. Fish & Game		✓	Water Dist. #
	✓	I.D. Lands		✓	Other

FINAL REGIONAL PROCESSING REVIEW:

YES	NO	
✓		Affidavit of publication received:
✓		Application published correctly: If not, record action taken.
✓		Publication dates and paper recorded on application:
		Final date for protest 4-6-98
	✓	Protests received.
	✓	Recommendations attached:
	✓	Measuring device required:
	✓	Measuring port required:
	✓	Water delivered by water master? District #
✓		Special conditions of approval or cover letter: 077
		See below for additonal information

Recommended Date or Priority 2/27/98

Recommended by: Gary S Date: 4/24/98

STATE OFFICE REVIEW

See below for additional information. By Date

ADDITIONAL INFORMATION: WELL should be constructed above any confining layers.

OK to process "SCH-mitigating" since only for fire protection.

BS. 63 + "future fisheries" issues N/A in this case.

Could be ~~only~~ subject to cond. #63 contrl although might not even impact river flows in any real sense.

Overlap - other systems for other uses.

SD-0604-2 Township: 03N Range: 03E Section: 19 Tract: SESE Lot:

S E L	Tract	LOT	Water Right No.	STATE Name Last, First	OWN	AC	STG	Max # Records 32 Priority Date	Use Code	Use Desc
_	SESE		63-08627	HARRIS, DALLAS H.	C	25	P	03/21/1977	01	IRR
				H & H RANCHES	C				22	HEAT
_	SESE		63-09343	HARRIS, DALLAS H.	C		P	02/12/1980	22	HEAT
									10	COMMER
_	SESE		L63-08627	HARRIS, DALLAS H	C	27	L	03/21/1977	01	IRR
				H & H RANCHES	C					

Other systems N/A to Appl. 63-12438

SD-0604-2 Township: 03N Range: 03E Section: 30 Tract: NENE Lot:

S E L	Tract	LOT	Water Right No.	STATE Name Last, First	OWN	AC	STG	Max # Records 52 Priority Date	Use Code	Use Desc
			63-02388	US DEPT OF INTERIOR	C		L	08/18/1924	01	IRR
_	NENE		63-09343	HARRIS, DALLAS H.	C		P	02/12/1980	22	HEAT
									10	COMMER

(Enter=Continue) (GOLD 7=This Query) (Menu _____)

P/D overlap
63.09343 different well

P/U overlap 3/13/98

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	DALLAS H HARRIS	03/21/1977	IRRIGATION	03/15	11/15	1.420 CFS	
C	H & H RANCHES						
					TOTAL DIVERSION:	1.420 CFS	

Water Source: GROUNDWATER Tributary to: Stage: LICENSE

Point(s) of Diversion Capacity: 1.420 CFS

Point(s) of Diversion:	T03N R03E S20	NESW		ADA County
Point(s) of Injection:	T03N R03E S20	NESW		ADA County
Point(s) of Re-diversion:	T03N R03E S20	NESW	SESW	ADA County

Place of use Legal Description for: IRRIGATION

	NE								NW								SW								SE							
	NENE		NWNE		SWNE		SENE		NENW		NWNW		SWNW		SENW		NESW		NWSW		SWSW		SESW		NESE		NWSE		SWSE		SESE		
T R S	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	SUM
03N 03E 19																										17						27	44.0
03N 03E 20																		04		08		35		32				05					84.0
03N 03E 29				15		13		04		25		10																					67.0
																												TOTAL ACRES					195.0

Pou County: ADA

Conditions of Approval:

R27 - This right when combined with all other rights shall provide no
- more than 4.5 afa per acre for irrigation of the lands above.

067 - The right holder shall measure and annually report diversions of
- water and/or other pertinent hydrologic and system information as
- required by Section 42-701, Idaho Code.

065 - The right holder shall use the full allotment of appurtenant
- surface water rights in conjunction with groundwater diverted
- under this right and shall only divert groundwater under this
- right when water from the appurtenant surface water rights cannot
- be delivered to the right holder.

079 - This right shall not be used if the surface water right(s)
- appurtenant to the place of use is sold, transferred, leased or
- used on any other place of use.

Remarks: GEN This right when combined with all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 691.7 af for the lands above.
The hot water from this well is injected into Warm Springs Creek in the NESW, S20 and can be rediverted from said creek in the NESW, S20. After intersecting with the Penetentiary Canal, water can also be rediverted from said canal in the SESW, S20 under an exchange agreement. The rediverted canal water is used on

Remarks: lands east of Warm Springs Creek and below the Penetentiary Canal.
The right holder must comply with Section 42-233, Idaho Code, prior to making any changes under this right.

Dates: App. Received: 03/21/1977 Priority Date: 03/21/1977
Proof Due Date: 10/01/1986 Proof Made Date: 09/18/1986
Exam Made Date: 09/23/1987 Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 11/23/88 CURTIS 06/17/91 CURTIS 05/25/93 JOHNSON 05/26/93 JOHNSON
08/25/97 SCURTIS 08/26/97 SCURTIS

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	DALLAS H. HARRIS	02/12/1980	COMMERCIAL	01/01	12/31	6.000 CFS	
			HEATING	01/01	12/31	6.000 CFS	
					TOTAL DIVERSION:	6.000 CFS	

Water Source: GROUNDWATER Tributary to: Stage: PERMIT

Point(s) of Diversion:						
T03N R03E S19	NESW	NESE	NWSE	SESE	ADA County
S20	NENW	SENW	NESW	NWSW	ADA County
S20	SWSW	SESW	SWSE	SESE	ADA County
S21	SWSW				ADA County
S28	NWNW	SWNW	NWSW		ADA County
S29	NENE	NWNE			ADA County

Place of use Legal Description for: COMMERCIAL

			NE								NW								SW								SE			
			NENE		NWNE		SWNE		SENE		NENW		NWNW		SWNW		SENW		NESW		NWSW		SWSW		SESW		NESE		NWSE		SWSE		SESE	
T	R	S	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac
02N	03E	4			C								C																			
03N	03E	19																	C								C		C		C	
03N	03E	20	C		C		C		C		C		C		C		C		C		C		C		C		C		C		C	
03N	03E	21																					C									
03N	03E	28											C		C						C											
03N	03E	29	C		C		C		C		C		C		C		C		C		C		C		C		C		C		C	
03N	03E	30	C						C																							
03N	03E	32			C		C				C						C										C		C			
03N	03E	33																					C		C							

Place of use location for HEATING is the same location as described for: COMMERCIAL

Pou County: ADA

Conditions of Approval:

026 - Permit holder shall commence the excavation or construction of
- diverting works within one year of the date this permit is issued
- and shall proceed diligently until the project is complete.

016 - See remarks for additional conditions of approval.

Remarks: GEN THIS PERMIT IS SUBJECT TO THE AGREEMENT DATED 5/31/85 BETWEEN PERMIT HOLDER & PROTESTANT(S) TO THE EXTENT SUCH AGREEMENT COVERS MATTER WITHIN THE JURISDICTION OF THE IDWR. A FLOW MEASUREMENT PORT OR OTHER DEVICE AS SPECIFIED BY THE DEPT SHALL BE INSTALLED BY THE PERMIT HOLDER TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIP. & THE DETERMINATION OF THE RATE OF DIV. & PRESSURES BY THE DEPT. RETURN FLOW IF DISCHARGED TO A SUBSURFACE SYSTEM MUST BE AUTHORIZED BY A SEP. INJECTION WELL PERMIT & RETURN FLOW IF

Remarks: DISCHARGED TO A SURFACE WTR SYSTEM SHALL MEET IDAHO WATER QUALITY STANDARDS. IF DISCHARGED TO THE SURFACE, THE DISCHARGE SHALL BE PERMITTED OR APPROVED BY THE U.S. EPA. THE MAX. RATE OF DIV. OF WTR UNDER THIS PERMIT SHALL NOT EXCEED 6.0 CFS.
PERMIT HOLDER SHALL SUBMIT FOR EACH WELL TO THE DEPT. A DRILLING PROSPECTUS WHICH INCLUDES PROPOSED CASING & GROUTING PROCEDURES FOR REVIEW & APPROVAL PRIOR TO DRILLING.
THE DIRECTOR RETAINS JURISDICTION OF THIS PERMIT & MAY REQUIRE REINJECTION OF THE WATER IF DETERMINED TO BE NECESSARY FOR PROTECTION OF THE RESOURCE OR OTHER WATER RTS.

Dates: App. Received: Priority Date: 02/12/1980
Proof Due Date: 06/01/1990 Proof Made Date:
Exam Made Date: Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee:

Comments: Date: 09/10/1991 User-ID: SKAGGS Subject: MORATORIUM HOLD
On hold in Boise Front Low Temperature Geothermal GWMA Moratorium; request for extension of time pending.

Audit: 04/30/86 05/01/88 CONVERT 09/10/91 SKAGGS 10/06/93 ZIMMERMA 10/26/94 SCURTIS

RECEIVED
MAR 3 0 1998
WATER RESOURCES
WESTERN REGION

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040
LEGAL ADVERTISING INVOICE

Amount:
$77.25

Amount #/Trans #	Identification		
47628	APPLICATION FOR WATER RIGHT - DURA-TOP CORP		
Ordered By:	**P.O. Number**	**Rate**	**Run Dates:**
SUE TAYLOR		NT	MARCH 19, 26, 1998

	Affadavits	Legal Number:
ID DEPT. OF WATER RESOURCES WESTERN REGION 2735 AIRPORT WAY BOISE, ID 83705-5082	1	9943

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended for TWO

X consecutive weekly — single
consecutive daily — odd skip

insertion(s) beginning with the issue of: March 19 1998

and ending with the issue of: March 26 1998

Janice Hildreth

STATE OF IDAHO)
) ss.
COUNTY OF ADA)

On this 26th day of MARCH in the year of 1998, before me, a Notary Public, personally appeared Janice Hildreth known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

Jan English
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 02/28/02

MICROFILMED
MAY 1 8 1998

LEGAL NOTICE
NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

63-12438

DURA—TOP OF IDAHO CORP
PO BOX 669
BOISE, ID 83701

Source: GROUNDWATER
Diversion Pt: SWSESE — Sec 19 T 03N R 03E in ADA County.
Use: FIRE PROTECTION — (3.500 CFS)
Total Diversion: — (3.500 CFS)
Date Filed: 2/27/1998
In: ADA County
T03N R03E S19 SESE
S30 Lot 9 (NENE)

Water bearing zone to be appropriated for essentially non-consumptive use is from 0 to 30 feet.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 together with a protest fee of $25.00 on or before APRIL 6, 1998. The protestant must also send a copy of the protest to the applicant.

Pub. March 19,26, 1998 9943

MICROFILMED
MAY 18 1998

State of Idaho
DEPARTMENT OF WATER RESOURCES
Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

MARCH 13, 1998

Legal Notices Department
THE IDAHO STATESMAN
PO BOX 40
BOISE, ID 83707

Dear Legal Dept.:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before APRIL 6, 1998.

Yours truly,

SUE TAYLOR
Secretary/Office Coordinator

Encl.

MICROFILMED
MAY 18 1998

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MICROFILMED
MAY 18 1998

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KARL J. DREHER, Director

Published: 3/19/1998 & 3/26/1998

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MAY 1 8 1998