

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
SEP 16 2010
DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 21-7593

1. Owner Centennial-Southshore Homeowner's Association, Inc. Phone No. 208-662-5530

Current address 2496 North 2375 East, Hamer, Idaho 83425

2. Examiner's name Paul H. Scoresby, PE EXAM DATE July 22, 2010

3. Accompanied by Kolby Cazier Email _____

Address PO Box 51529, Idaho Falls, Idaho 83405

Relationship to permit holder Pump Provider Phone No. 208-529-6868

4. Source Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use Permit No. 21-13053

2. Other water rights with the same point of diversion Permit No. 21-13053

C. DIVERSION AND DELIVERY SYSTEM

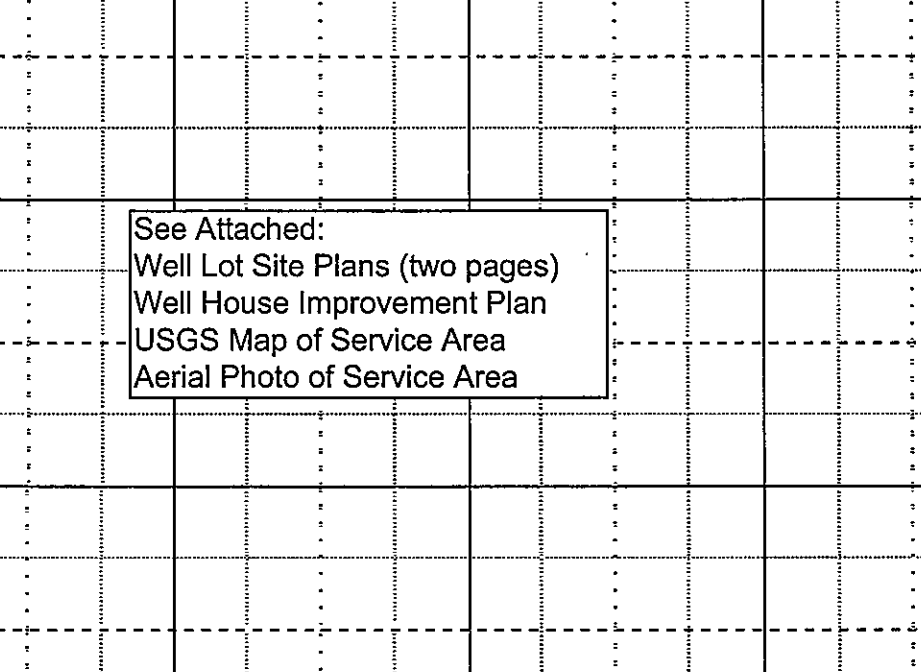
1. Point(s) of Diversion:

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Method of Determination/Remarks
Well No. 1			SW	SW	24	13N	42E	Fremont County	On site & plat map
Well No. 2			SE	SE	23	13N	42E	Fremont County	On site & plat map

2. Place(s) of Use: Method of determination On site & plat map as recorded in Fremont County Courthouse

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	42E	23			M	M									M	M	M	M	
		24							M		M	M	M	M					
		25						M											
		26	M	M	M		M	M	M	M	M	M							

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



See Attached:
Well Lot Site Plans (two pages)
Well House Improvement Plan
USGS Map of Service Area
Aerial Photo of Service Area

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☐ 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
Well No. 1 (East Well)	Franklin	60	09D19-08-8034	Goulds 7THC, 4 stages	6", 2M4-0313
Well No. 2 (West Well)	Franklin	75	Unknown	Goulds 7THC, 4 stages	6", serial unknown

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow meter	Paddle wheel	Sea Metrics	IP115B	06090568	8"	

2. Measurements:

Well No. 1 - 615 gpm (1.37 cfs) @ 57 psi operating pressure
Well No. 2 - 629 gpm (1.40 cfs) @ 28 psi operating pressure

E. NARRATIVE/REMARKS/COMMENTS

The well pumps are the submersible type. The pumps are operated by variable frequency drives. The well pumps push the water through the well house where the flow is measured, then enters the distribution system. The flow meter is a paddle wheel type that uses a Hall effect sensor. Insertion components are attached to the main pipe with a 2" NPT connection. The unit is designed for use on pipes 3" to 10" diameter. Actual pipe size is 8" as indicated. Accuracy is reported to be +/-1.5%. The flow meter delivers a 4-20 mA output to a wall mounted electronic LCD display that reads instantaneous flow in gpm and records cumulative flow.

Please consider this Beneficial Use Field Report as proof of beneficial use.

Applicant requests a change in the nature of use to Municipal.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

SECTION 23-26, T13N, R42E

WELL NO. 2
NO. 21-13053

WELL HOUSE

WELL NO. 1
NO. 21-7593

4" PVC WATERLINE

6" C-900 PVC WATERLINE (TYP.)

FIRE HYDRANT FOR FIRE FIGHTING

6" C-900 PVC
WATERLINE (TYP.)

LEGEND

-  LOTS W/ WATER SERVICE CONNECTION
-  WATERLINE
-  FIRE HYDRANT
-  FLUSH HYDRANT
-  VALVE
-  WELL

CENTENNIAL SHORES
USGS MAP
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SECTION 23-26, T13N, R42E

PERMIT NO.'S
21-7593 & 21-13053

WELL NO. 2
NO. 21-13053

WELL HOUSE

WELL NO. 1
NO. 21-7593

4" PVC WATERLINE

6" C-900 PVC WATERLINE (TYP.)

FIRE HYDRANT FOR FIRE FIGHTING

ISLAND PARK
RESERVOIR

6" C-900 PVC
WATERLINE (TYP.)

LEGEND

- LOTS W/ WATER SERVICE CONNECTION
- WATERLINE
- FIRE HYDRANT
- FLUSH HYDRANT
- VALVE
- WELL

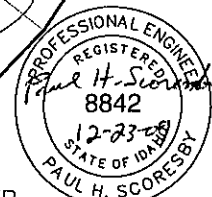
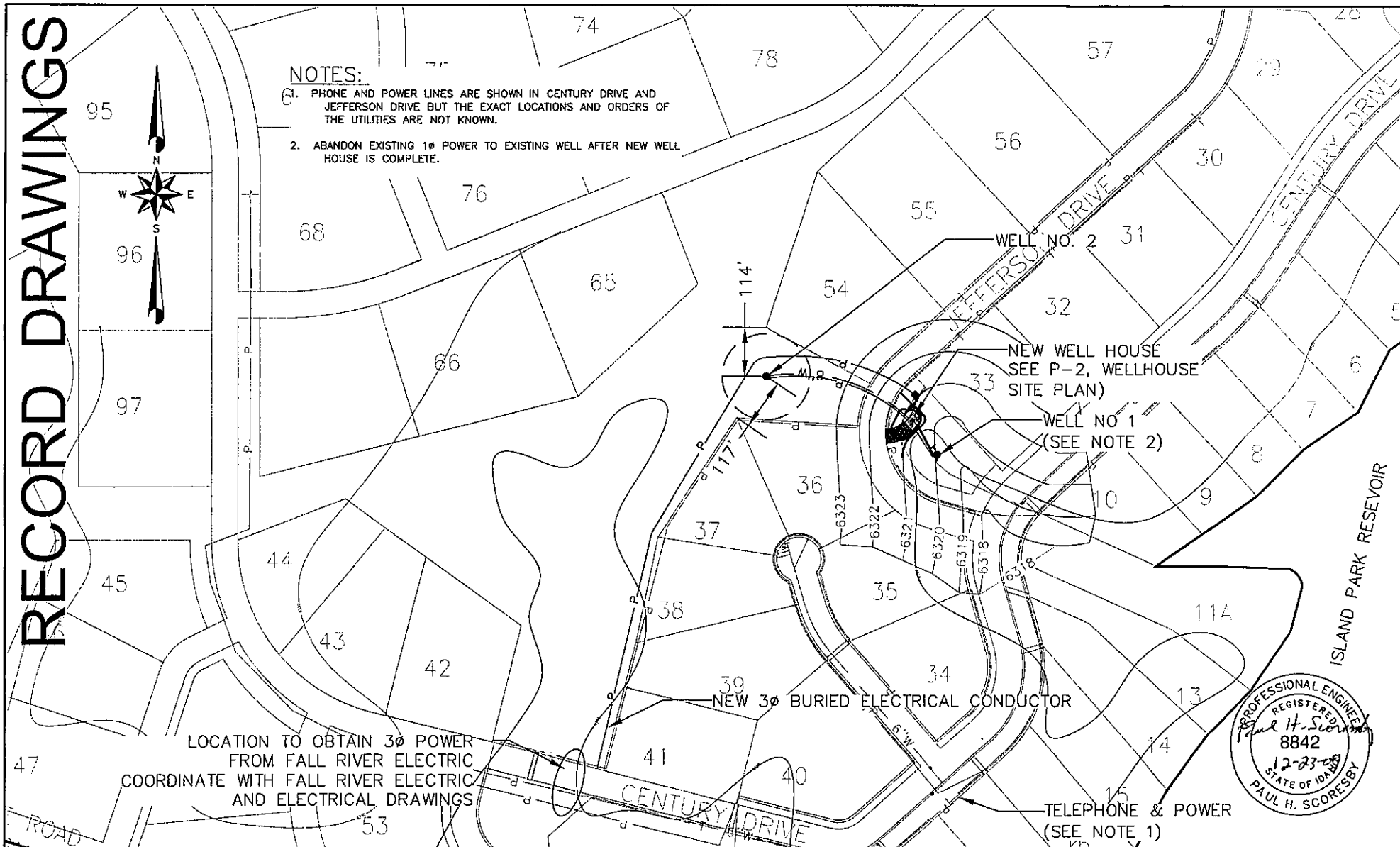
CENTENNIAL SHORES
ARIAL PHOTO

Schiess & Associates
ENGINEERING · PLANNING · LAND SURVEYING
Idaho Falls 522-1244 Rexburg 358-8082

Image USDA Farm Service Agency
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Permit No's 21-7593 & 21-13053

RECORD DRAWINGS



PROJECT NO. 06123	
DATE MAY 2007	
DESIGNED BY M. ANDERSEN	DRAWN BY M. JARDINE
CHECKED BY P. SCORESBY	APPROVED BY P. SCORESBY
REVISIONS TO DRAWINGS	
NO.	DESCRIPTION
1	REV. BY CHD. BY DATE



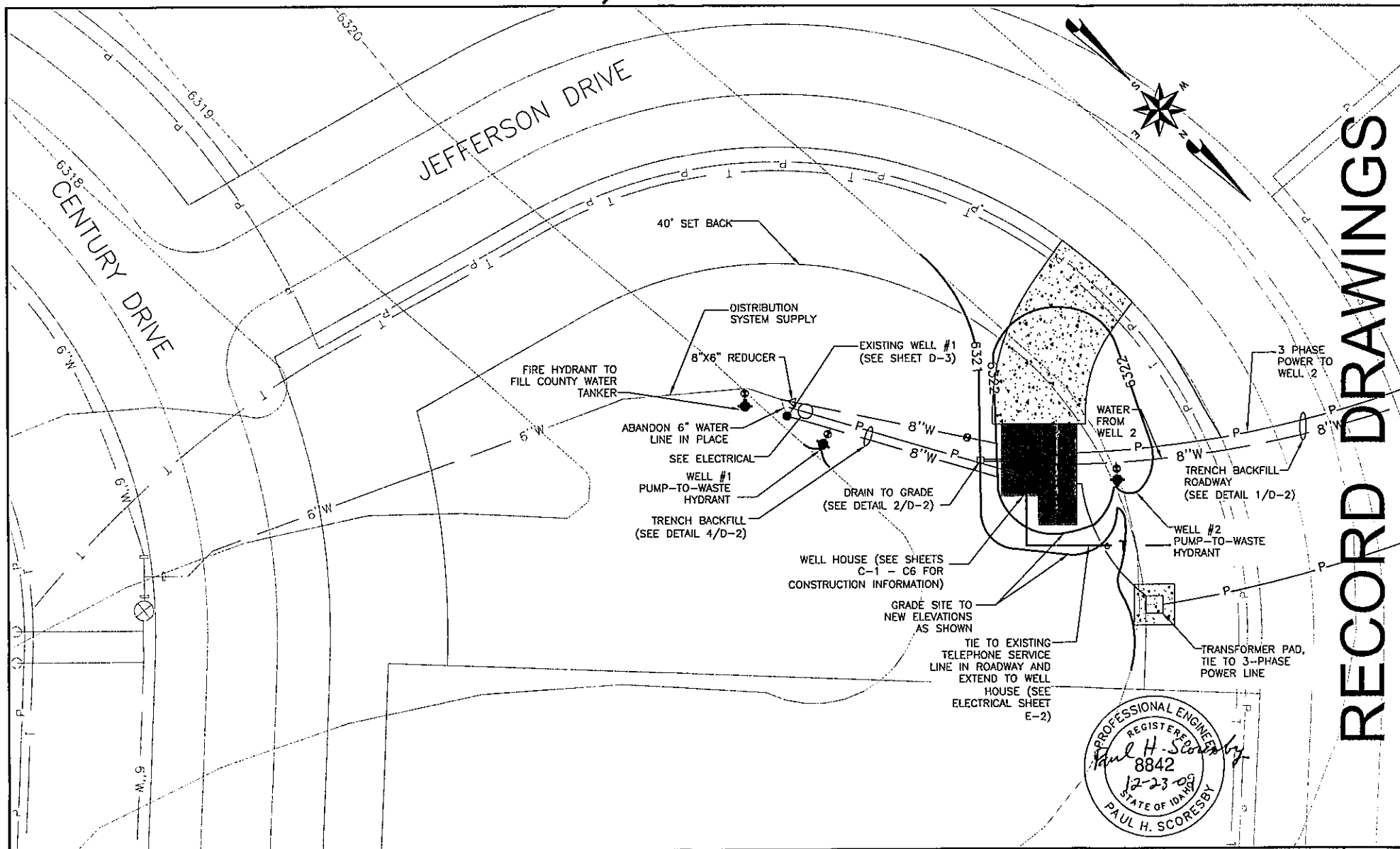
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CENTENNIAL
SHORES
WELLHOUSE

WATER SYSTEM IMPROVEMENTS
WELL #1 & #2 WELLHOUSE
OVERALL
SITE PLAN

SHEET
P-1
NO. 3 OF 22

Permit No's 21-7593 & 21-13053



RECORD DRAWINGS

				PROJECT NO. 06123	
				DATE MAY 2007	
DESIGNED BY: M. ANDERSEN		DRAWN BY: M. JARDINE			
CHECKED BY: P. SCORESBY		APPROVED BY: P. SCORESBY			
REVISIONS TO DRAWINGS					
NO.	DESCRIPTION	REV. BY	CHK. BY	DATE	



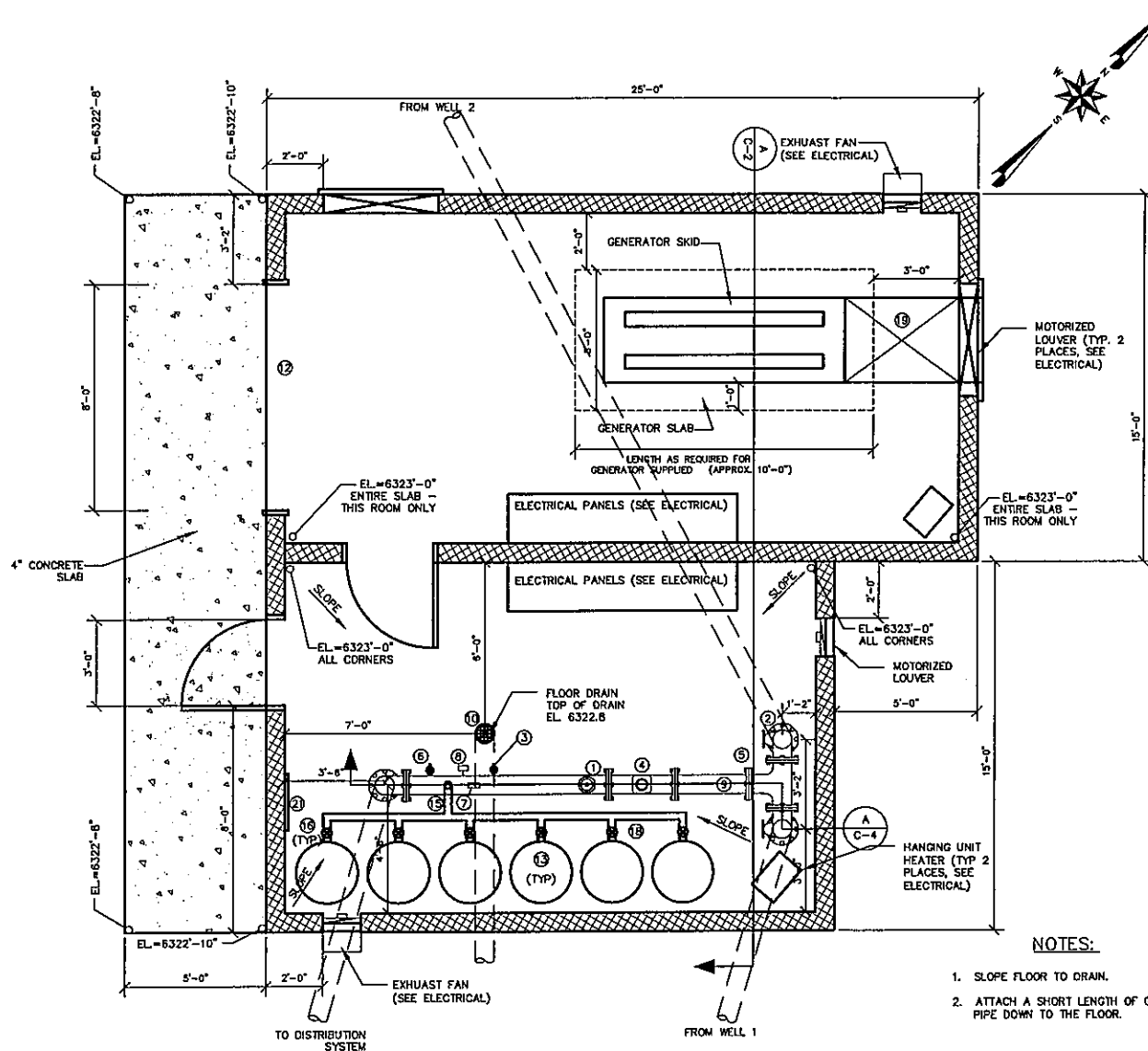
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ENGINEERING • PLANNING • LAND SURVEYING
Little Falls 692-1744 Burlington 768-6009

CENTENNIAL
SHORES
WELLHOUSE

WATER SYSTEM IMPROVEMENTS
WELL #1 & #2 WELLHOUSE
WELL HOUSE
SITE PLAN

SHEET
P-2
NO. 4 OF 22

Permit No's 21-7593 & 21-13053

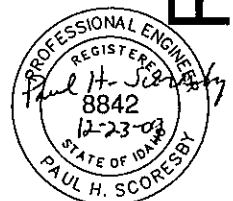


MECHANICAL EQUIPMENT SCHEDULE

- ① VALMATIC C01C.2 1" AIR RELEASE VALVE
- ② CHAMPION 8" CHECK VALVE
- ③ SAMPLE PORT, NO THREADS, SMOOTH.
- ④ SEAMETRICS FLOW METER, MINIMUM 4' STRAIGHT PIPE UPSTREAM 2' DOWNSTREAM.
- ⑤ 8" FLANGED RESILIENT WEDGE GATE VALVE SUPPLIED W/ HAND WHEEL TYP. 2 PLACES.
- ⑥ 3/4" HOSE BIB CONNECTION W/VACUUM BREAK.
- ⑦ LIQUID FILLED PRESSURE GAUGE - WKA 4" 0-100 psi RANGE.
- ⑧ PUMP CONTROL PRESSURE TRANSDUCER.
- ⑨ 8" FLANGED DUCTILE IRON PIPE.
- ⑩ 8" FLOOR DRAIN W/P-TRAP WITH 4" OUTLET PIPE (SEE NOTE 1)
- ⑪ NOT USED
- ⑫ 8'x8' OVERHEAD DOOR.
- ⑬ PRESSURE TANK TYPICAL 6 PLACES. (SEE DETAIL 7/D-2)
- ⑭ NOT USED
- ⑮ ROMAC 202-9.05 X 2" IP SADDLE. (SEE NOTE 2)
- ⑯ LEGEND VALVE 1 1/2" BALL VALVE. (TYP. 6 PLACES)
- ⑰ NOT USED
- ⑱ SCHEDULE 40 2" GALVANIZED STEEL PIPE.
- ⑲ GENERATOR EXHAUST DUCT WORK, ALL DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA REQUIREMENTS

NOTES:

1. SLOPE FLOOR TO DRAIN.
2. ATTACH A SHORT LENGTH OF GALVANIZED STEEL PIPE 2" TO THE SADDLE (IP THREAD). PLACE A BALL VALVE (TYP) IN THE LINE AND PIPE DOWN TO THE FLOOR.



						PROJECT NO. 06123	
						DATE: MAY 2007	
						DESIGNED BY: M. ANDERSON	
						DRAWN BY: M. JARDINE	
						CHECKED BY: P. SCORESBY	
						APPROVED BY: P. SCORESBY	
REVISIONS TO DRAWINGS							
NO.	DESCRIPTION	REV. BY	CHK. BY	DATE			



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CENTENNIAL
SHORES
WELLHOUSE

WATER SYSTEM IMPROVEMENTS
WELL #1 & #2 WELLHOUSE
WELLHOUSE
MECHANICAL FLOOR PLAN

RECORD DRAWINGS

SHEET
C-3
7 OF 22

WATER RIGHT NO. 21-7593

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
13N	42E	23		SESE										
		24		SWNW										
				NESW			NWSW			SWSW			SESW	
		25		NWNW										
		26		NENE			NWNE			SWNE				
				SWNW			SENE							
				NWSW										

Conditions of Approval:

1.	26A	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 the permit holder had no control.
2.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
3.	01M	After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to determine the amount of water diverted from power records and shall annually report the information to the Department.
4.	070	The irrigation occurring under this domestic use shall not exceed 1/2 acre within each platted subdivision lot upon which a home has been constructed. This right does not provide for irrigation of common areas or for irrigation of lots upon which homes have not been constructed.
5.	071	The domestic use authorized under this right shall not exceed 13,000 gallons per day per home.
6.	X01	Domestic use is for 83 homes.
7.	X60	Place of use is located within Lots 1-41, Centennial Shores, Lots 1-32, Jacobs' Lakeside Homesites and 10 lots in Centennial North Parcels A & B.

Dates:

Proof Due Date: 12/01/2010

Proof Made Date:

Approved Date: 11/27/2000

Moratorium Expiration Date:

Enlargement Use Priority Date:

Enlargement Statute Priority Date:

Application Received Date: 08/23/2006

Protest Deadline Date: 11/06/2006

Number of Protests: 0

Field Exam Date::

Date Sent to State Off:

Date Received at State Off:

Other Information:

State or Federal:

Owner Name Connector:

Water District Number: