

Law Offices
HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.

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ROBERT E. FARNAM
WILLIAM D. FALER
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GARY L. MEIKLE
DONALD L. HARRIS
DALE W. STORER
MARIE T. TYLER
FREDERICK J. HAHN, III
KARL R. DECKER
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P.O. BOX 50130
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Arthur W. Holden
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Robert B. Holden
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Terry L. Crapo
(1939-1982)
William S. Holden
(1907-1988)

Of Counsel
Fred J. Hahn

*Also Licensed in Missouri & Kansas
**Also Licensed in Utah & Colorado

February 19, 2007

Deborah Gibson
Administrative Assitant I
Water Allocation Bureau
Idaho Department of Water Resources

VIA EMAIL: deborah.gibson@idwr.idaho.gov

RE: Valley Centre Subdivision--Water Permit No. 22-7814.

Dear Ms. Gibson:

We believe we have now obtained all of the documents and information we can find to support Victor Mountain Retreat LLC's request to have Permit No. 22-7168 reinstated. In addition to documents we have obtained, we have also had conferences with individuals at the Idaho Falls Office of the Idaho Department of Environmental Quality familiar with the Valley Centre Subdivision. We believe at this point we understand how the property has developed, and wish to summarize our findings below. Also, we have already emailed you some of these documents discussed below, and will reference the documents we have already provided to you in the following discussion.

Development of the Valley Centre Subdivision has proceeded in a number of phases. A map showing those phases is attached as "Exhibit A". Water System Plans for the Valley Centre Subdivision were prepared by Arnold Woolstenhulme of AW Engineering of Driggs, Idaho ("AW"). The Water System Plans were prepared and submitted in the spring of 2000. We have already emailed you a scanned verison of these plans. On page 3 of the plans, you can see that Valley Centre proposed to construct a well and water lines that had the ability to eventually hook into an existing water line owned by the City of Driggs. See "Exhibit B", where the well and water line are circled.

In July 17, 2000 letter, DEQ approved the plans subject to some conditions. This letter is already in your possession (it is the letter you emailed to me a few days ago). In October of 2000,

IDWR granted water right permit no. 22-7814 to Teton Valley Associates (the predecessor-in-interest to Victor Mountain Retreat, LLC).

This past Friday, we visited at length with Mr. Carlin Feisthamel, Water Quality Engineer at the Idaho Falls DEQ office, an individual familiar with the Valley Centre project. He was on site at times during the fall of 2000 to witness the construction of the well, water lines, and structures at Valley Centre. On November 6, 2000, a well was drilled on the property, which was to provide water to the proposed water lines. According to Mr. Feisthamel, the water lines were in place the day the well was drilled, and the well was attached to the recently-installed water system. In fact, Teton County granted Certificates of Occupancy to two buildings present on the property (government-subsidized housing) the same day the well was drilled (November 6, 2000). We emailed copies of these Certificates of Occupancy last week. In short, based on my conversations with Mr. Feisthamel and the Certificates of Occupancy, the water system was functioning and servicing buildings in Fall of 2000.

In our recent conversations, you have requested as-built drawings of the Valley Centre subdivision water system. The requirement to submit these as-builts is contained in the July 17, 2000 letter from DEQ. After the original water system was installed in 2000, based on our review of DEQ files, no as-built drawings were submitted by AW Engineering for the entire water system. In my conversations with Mr. Feisthamel, he indicated that while it is a requirement to submit as-builts to DEQ once the project is completed, it is not uncommon for this requirement to be overlooked or forgotten. Specifically as to AW Engineering, Mr. Feisthamel indicated that this has been a problem in the past. However, Mr. Feisthamel can vouch for the installation of the water system, the construction of the well, and its use in November of 2000. He indicated that he would be happy to visit with you if you have questions concerning the water system. Mr. Feisthamel's contact information is as follows:

Carlin Feisthamel
Water Quality Engineer
900 North Skyline, Suite B
Idaho Falls, ID 83402
Tel: (208) 528-2650
Fax: (208) 528-2695
E-mail: cfeistha@deq.state.id.us

While as-built drawings for the entire water system were not submitted, we did find as-built drawings for appurtenances in the well and well house. In DEQ's files, we found a letter dated April 15, 2002 from Ryan Urbanec to Teton Valley Associates with an attached as-built drawing of appurtenances in the well and well house located on the property. See "Exhibit C". As you can see

from the letter, DEQ concluded that the submission satisfied DEQ's requirements. This is further evidence that the well and well house were constructed in 2002, three years before the permit lapsed.

We mentioned earlier that construction of the Valley Centre water system has proceeded in phases. In 2004, the Valley Centre Subdivision was replatted, the other parts of the project were tied into the existing water system. Attached as "Exhibit D" are proposed plans for Sewer and Water Plans for Phase 2 of the Valley Centre subdivision received by DEQ on July 14, 2005. These plans were accepted, and the lines were constructed shortly thereafter. Attached as "Exhibit E" are the as-builts of the extension submitted by AW Engineering in November 2006.

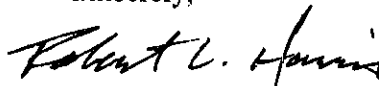
Lastly, "Exhibit F" is a series of letters from the City of Driggs and others concerning the Valley Centre Subdivision water system. The letters are primarily from the year 2005.

During the construction of the water lines, the status of the water right permit was not brought to my client's attention for the reasons set forth in an earlier letter to the Department. Ideally, the Proof of Beneficial Use should have been submitted in 2005, however, as to the development of the permit, the infrastructure existed at the time.

In sum, it is quite clear that the water system was in place previous to October 2005 when the water right permit lapsed. The well was drilled in 2000, and water lines were in place to service structures at the subdivision. The water system has since evolved to service other phases of the subdivision, and the as-built drawings submitted in November of 2006 show what has been installed. However, portions of the system were installed as early as 2000, with additions being added in 2005.

We hope this timeline and the attached documents have proven useful. We have obtained all of the information we can to support our claim that the water system was in place before the permit lapsed. We would suggest visiting with Mr. Carlin Feisthamel, who is quite familiar with the project, about the specifics of the project or to answer any of your questions. We once again appreciate all of your efforts and assistance in this matter, especially because of the urgent nature of the situation.

Sincerely,



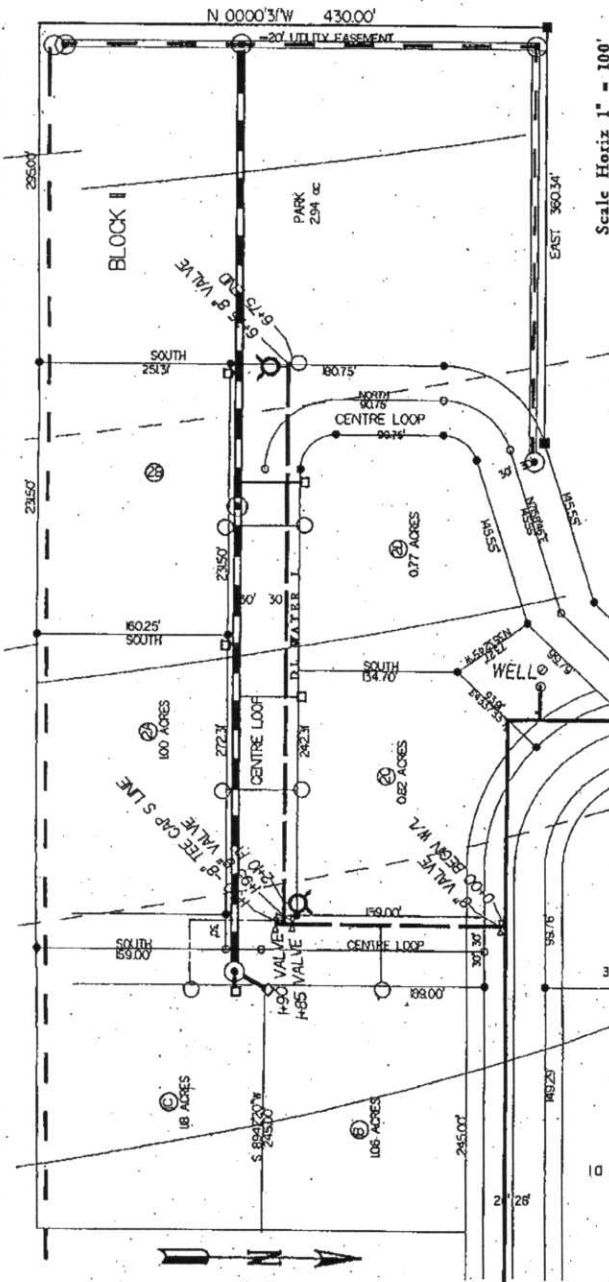
Robert L. Harris

HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.

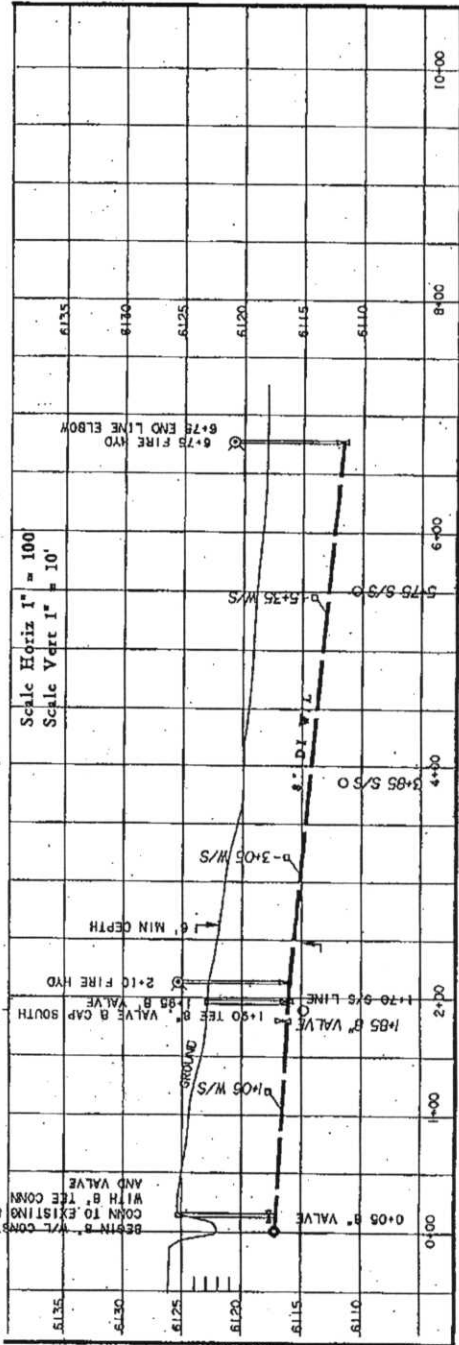
Enclosures

LEGEND

- 8" D.I. WATERLINE PROPOSED
- 8" D.I. WATERLINE EXISTING
- 8" SEWER LINE PROPOSED
- 8" SEWER LINE EXISTING
- 4" SD 35 SEWER PIPE PROPOSED
- 1" 9.1. WATERLINE PROPOSED
- 6" D.I. W/L & FIRE HYDRANT VALVES SIZE OF WATER LINE MANHOLE



Scale Horiz 1" = 100'

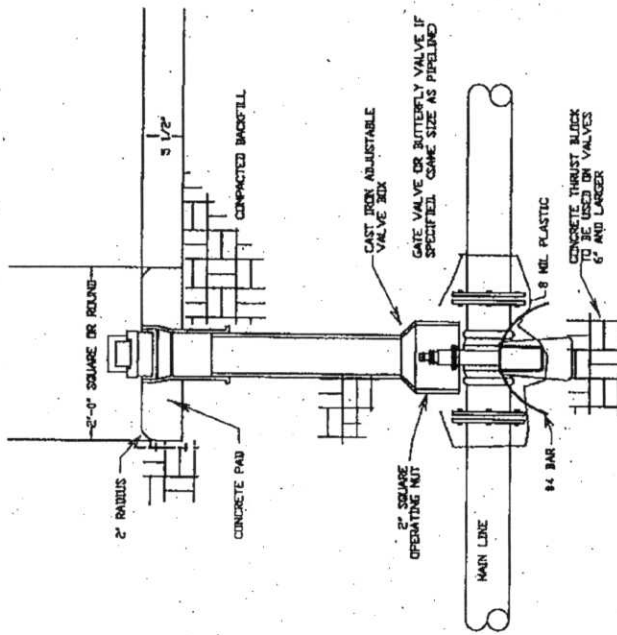


Scale Horiz 1" = 100'

Scale Vert 1" = 10'



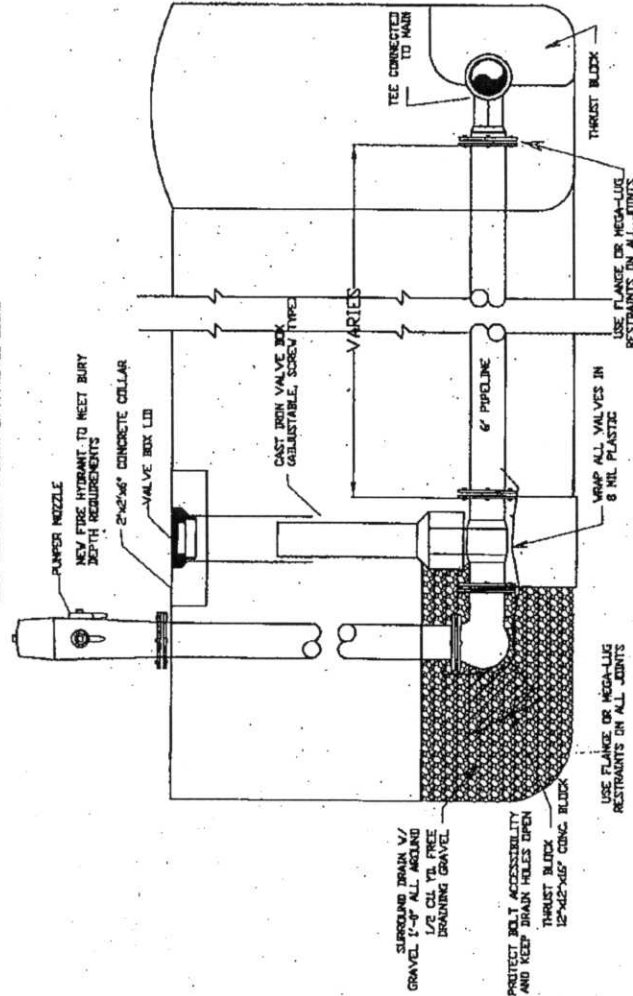
AW ENGINEERING P.O. BOX 139, VICTOR, NY 13455 281-747-1952		VALLEY CENTRE SUBDIVISION		WATER SYSTEM PLAN AND PROFILE		SHEET NO. 6 OF 8 05-014-	
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TYP. GATE VALVE

NOT TO SCALE

CLAY "MEDALLION" HYDRANT OR APPROVED EQUAL



FIRE HYDRANT

NOT TO SCALE

GENERAL NOTES

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN CITY EASEMENTS, STREET RIGHTS-OF-WAY OR RIGHTS-OF-WAY GRANTED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY OF OBTAINING ALL NECESSARY PERMITS AND UTILITIES AND PROTECTING THEM FROM DAMAGE.
3. ALL EXCAVATIONS, TRENCHES AND SHORINGS SHALL MEET THE REQUIREMENTS OF THE LOCAL OCCUPATIONAL SAFETY AND HEALTH ACT.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY OF INDIANAPOLIS CODES, STANDARDS AND ALL APPLICABLE REQUIREMENTS OF INDIANAPOLIS WATER AND SEWER DEPARTMENT. ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY THE CITY OF INDIANAPOLIS.
5. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND COMPACT ALL EXCAVATIONS TO ORIGINAL GRADE. ALL EXCAVATIONS SHALL BE PROTECTED BY A CURB OR WALL. ALL EXCAVATIONS SHALL BE TESTED BY A CERTIFIED TESTING LAB.
6. CONTRACTOR SHALL KEEP ALL PUBLIC AREAS CLEAR OF CONSTRUCTION MATERIALS AND EQUIPMENT. ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN A DESIGNATED AREA. ALL MATERIALS AND EQUIPMENT SHALL BE REMOVED FROM THE SITE AT THE END OF EACH DAY OF CONSTRUCTION.
7. VALVE BOX AND HYDRANT SET OFFSHORE MAY BE NECESSARY IF VALVE IS INSTALLED DEEPER THAN 5 FEET.

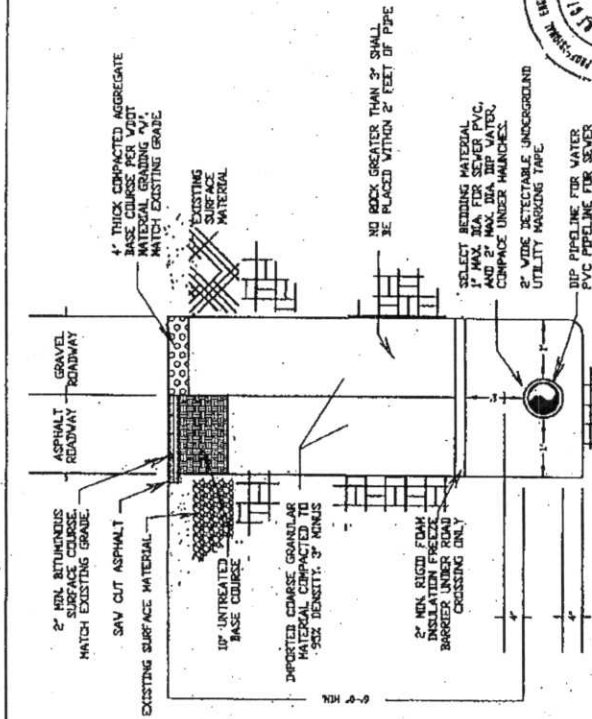
CONSTRUCTION NOTES

1. ALL PIPELINES SHALL BE INSTALLED AT THE LOCATIONS AND DEPTHS INDICATED ON THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
2. ALL PIPELINE MATERIALS SHALL CONFORM TO AWWA C-900-94, SCHEDULE 40, AWWA C-900-94, OR AWWA C-900-94.
3. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND COMPACT ALL EXCAVATIONS TO ORIGINAL GRADE. ALL EXCAVATIONS SHALL BE PROTECTED BY A CURB OR WALL. ALL EXCAVATIONS SHALL BE TESTED BY A CERTIFIED TESTING LAB.
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5. ALL EXCAVATIONS SHALL BE PROTECTED BY A CURB OR WALL. ALL EXCAVATIONS SHALL BE TESTED BY A CERTIFIED TESTING LAB.
6. PIPE SHALL BE PLACED WITHIN THE RIGHT-OF-WAY EASEMENT, AND IN NO CASE SHALL THE PIPELINE BE CLOSER THAN 5 FEET FROM THE PROPERTY LINE.
7. FURNISH HORIZONTAL SEPARATION FROM TRENCH SHALL BE 12\"/>



WATER SYSTEM VALVES & BOXES	PROJECT 2005-04 1502-PL-016	DATE 04/19/05	SHEET 7 OF 8
"VALLEY CENTRE SUBDIVISION" ADEM			
WATER SYSTEM DETAILS			

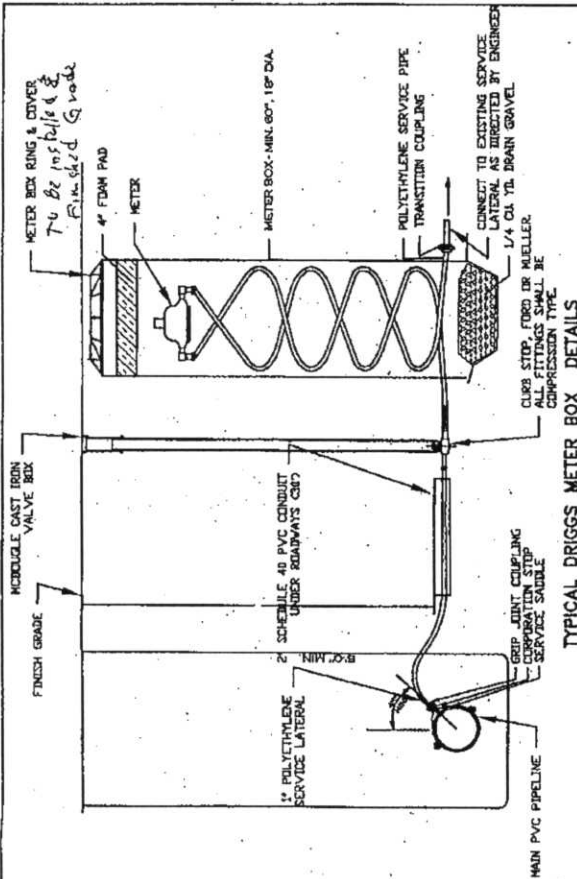
AW ENGINEERING	P.O. BOX 139, VICTOR, IN 47581-0139
6355	205-787-7752



TYPICAL TRENCH DETAILS

CONSTRUCTION NOTES

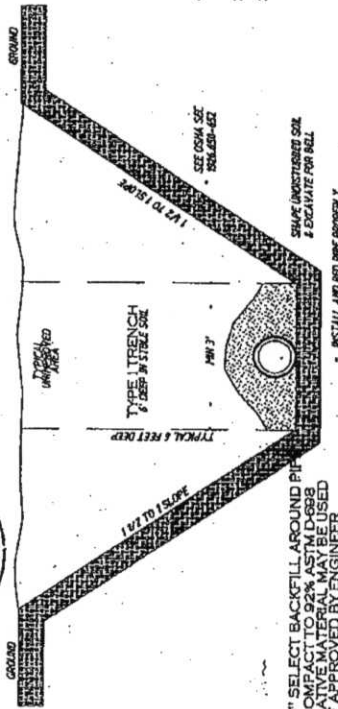
1. ALL 3/4" AND 1" SERVICE CONNECTIONS TO SERVICE OR CAST IRON SERVICE MAIN SHALL BE DIRECT TAPPED WITH A CIMP STOP. ALL OTHER SERVICE CONNECTIONS SHALL USE SERVICE TAPPLERS AS SPECIFIED.
2. ALL PIPELINES SHALL BE INSTALLED AT THE LOCATIONS AND DEPTHS OF THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
3. ALL PIPELINE MATERIALS SHALL CONFORM TO ASTM D3034-BL, SCHEDULE 40, ASTM F572-BL OR ASTM F794-BL.
4. CONTRACTOR SHALL FURNISH ALL WORK IN ACCORDANCE WITH IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY GUIDELINES, WATER QUALITY RULES AND REGULATIONS.
5. ALL DISTRIBUTION FITTINGS SHALL BE POLYETHYLENE GLYCOL (PEGL) ANVIA C-100 CLASS 200.
6. ALL DISTRIBUTION FITTINGS SHALL BE CAST IRON OR DUCTILE IRON ANVIA C-100 CLASS 200.
7. FITTINGS SHALL BE PLACED WITHIN THE RIGHT-OF-WAY INTERSECTION, AND IN NO CASE SHALL THE SERVICE LINE UNDER ROADWAY BE ENCASED IN A 4 INCH PVC CASING FOR THE FULL LENGTH OF THE ROAD UNDER OTHER PROPERTY LINE.
8. 100MM HORIZONTAL SEPARATION FROM SEWER SHALL BE 10 FEET.
9. IF HORIZONTAL SEPARATION CANNOT BE MAINTAINED THEN WATER LINE SHALL BE 1'-6\"/>



TYPICAL DRIGGS METER BOX DETAILS

WATER SYSTEM NOTES

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN CITY EASEMENTS, STREET RIGHTS-OF-WAY OR RIGHTS-OF-WAY.
2. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY OF LOCATING ALL UNDERGROUND UTILITIES AND PROTECTING THEM.
3. ALL EXISTING TRENCHES AND SPODES SHALL MEET THE REQUIREMENTS OF THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY OF BOZEMAN PUBLIC WORKS DEPARTMENT OF ENVIRONMENTAL QUALITY.
5. ALL CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY, BUT NOT LIMITED TO, CITY ENGINEER, PLACER AND COMPACT OF THE ENGINEER AND THE TECHNICAL SPECIFICATIONS OF THE CITY OF BOZEMAN.
6. CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAR OF MUD, DIRT, AND DEBRIS CREATED BY CONSTRUCTION ACTIVITIES. DUST SHALL BE CONTROLLED BY WATERING.
7. METER BOX SHALL BE 60\"/>



TYPICAL TRENCH DETAILS

6\"/>

DRIGGS STANDARDS

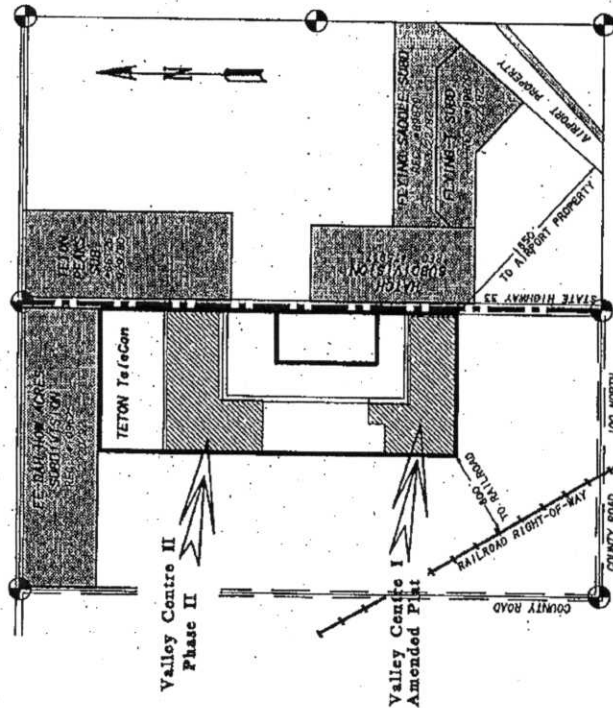
AW

VALLEY CENTRE II
ANDERSON VALLEY, ID
255 South Main, P.O. Box 129
ANDERSON, ID 83403
(208) 745-5555 driggsstandards.com

EROSION PLANS Supplement to Road Plans

VALLEY CENTRE SUBDIVISION, AMENDED I

TETON COUNTY, IDAHO



VICINITY MAP

Owner / Developer
 Developer: VALLEY CENTRE Subdivision
 Teton Valley Center
 200-554-2200
 200-554-2200

engineer:
 ARNOLD W. WOOLSTER/ALME
 1000 N. MAIN ST.
 TETON, IDAHO 83422
 200-767-0802

P.O. BOX 136, VICTORIA, B.C.
 V8X 4C6

AW ENGINEERING

BMP'S BEST MANAGEMENT PRACTICES

THE FOLLOWING BMP'S WILL BE UTILIZED ON THIS PROJECT AND IN THE AREAS AND USES AS SHOWN ON SHEET 2 AND ITENDED BELOW TO HELP PREVENT EROSION AND POLLUTION ONTO NEIGHBORS PROPERTY AND THE ENVIRONMENT.

A SUMMARY OF THE CONCEPT AND PLACE OF USE FOLLOWS. WHEN FURTHER DETAIL OR INFORMATION IS REQUIRED PLEASE REFER TO CATALOG OF STORM WATER BMP'S STATE OF IDAHO.

BMP 6 DUST CONTROL

WHEN THE SITE IS DRY AND HAS POTENTIAL FOR DUST FROM SITE DISTURBANCE AND OR CONSTRUCTION WORK THE FOLLOWING DUST CONTROL MEASURES WILL BE TAKEN:

- 1- STAGING OF WORK AND LIMITING EXPOSED SOIL AREAS AND WHEN POSSIBLE MAINTAIN VEGETATIVE GROUND COVER. WHEN POSSIBLE RESEED OR STABILIZE EXPOSED TOPSOIL AREAS.
- 2- SPRINKLE DISTURBED AREAS WITH WATER. ESPECIALLY TEMPORARY ROAD AREAS WHERE TRUCKS ARE CROSSING SOIL AREAS.
- 3- ESTABLISH WIND BARRIERS UPWIND OF DISTURBED AREAS.

BMP 5g STABILIZATION OF CONSTRUCTION ENTRANCE

CONSTRUCTION OF A SEDIMENT TRAP AT ENTRANCE TO MINIMIZE DUST AND MATERIAL TRAVELING ONTO COUNTY ROADS VIA TRUCK TIRES. CONSTRUCT ACCORDING TO DETAIL ON PAGE 4.

BMP 9 VEHICLE /EQUIPMENT MAINTENANCE

A DESIGNATED VEHICLE STORAGE AND MAINTENANCE YARD WILL BE CREATED. THE AREA WILL BE GRADED AND BONDED. ANY WASTE WATER WILL BE COLLECTED INTO A POND. IF POLLUTANTS SUCH AS OIL, GREASE, FUELS, ETC WILL BE COLLECTED IN A LINED POND.

BMP 21 INLET PROTECTION

PIPE INLETS WILL BE PROTECTED WITH A FIBER BUNDLE AROUND THE PERIMETER OF THE PIPE ENTRANCE. PLACE BMP AT 3 FEET ARC AROUND THE PIPE INLET.

BMP 22 OUTLET PROTECTION

PIPE OUTLET AREAS WILL BE PROTECTED FROM EROSION WITH 1 CUBIC YARD OF ROCK. RIP RAP PLACE AROUND AT THE PIPE OUTLET AND RAINING TO WHERE NEW CONSTRUCTION SLOPE MEETS NATURAL GROUND.

BMP 25 SILT FENCING

A STANDARD 2 FEET HIGH SILT FENCE WILL BE ESTABLISHED ALONG THE SOUTH AND WEST PROJECT BOUNDARIES. THIS FENCE WILL BE INSTALLED AND MAINTAINED UNTIL CONSTRUCTION WORK IS DONE IN THESE AREAS AS SHOWN ON PAGE 3 AND BMP FIG 5F-1

BMP 31 VEGETATED SWALE (810/FILTER)

A PERMANENT INFILTRATION SWALE SHALL BE CONSTRUCTED ALONG THE BORROW DITCHES OF THE ROAD. THIS INFILTRATION SWALE SHALL BE A MINIMUM OF 12 INCHES DEEP AND CONSTRUCTED AS SHOWN ON SHEET 3. THE BORROW DITCH SWALES SHALL BE 2000 FEET LONG ON BOTH SIDES OF THE ROAD. THIS AMOUNT OF SWALE WILL HAVE SEEPAGE STORAGE CAPACITY OF 10,000 C.F. OF WATER. 5" WIDE AND 2000 FT LONG x 12" DEPT = 10000 CF



SHEET	DESCRIPTION
1	TITLE PAGE NOTES
2	EROSION PLAN SHEET
3	TYPICAL DETAILS VEGETATED SWALE

ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
E-1	BMP # 6 DUST CONTROL SPRINKLING	DAILY	20
E-2	BMP # 6 DUST- SEDIMENT FENCE	LN FT	2000
E-3	BMP # 9 VEHICLE MAINTENANCE	SQM	1.000 SITE
E-4	BMP # 38 VEGETATIVE SWALE	CU FT	10,000
			370 CY

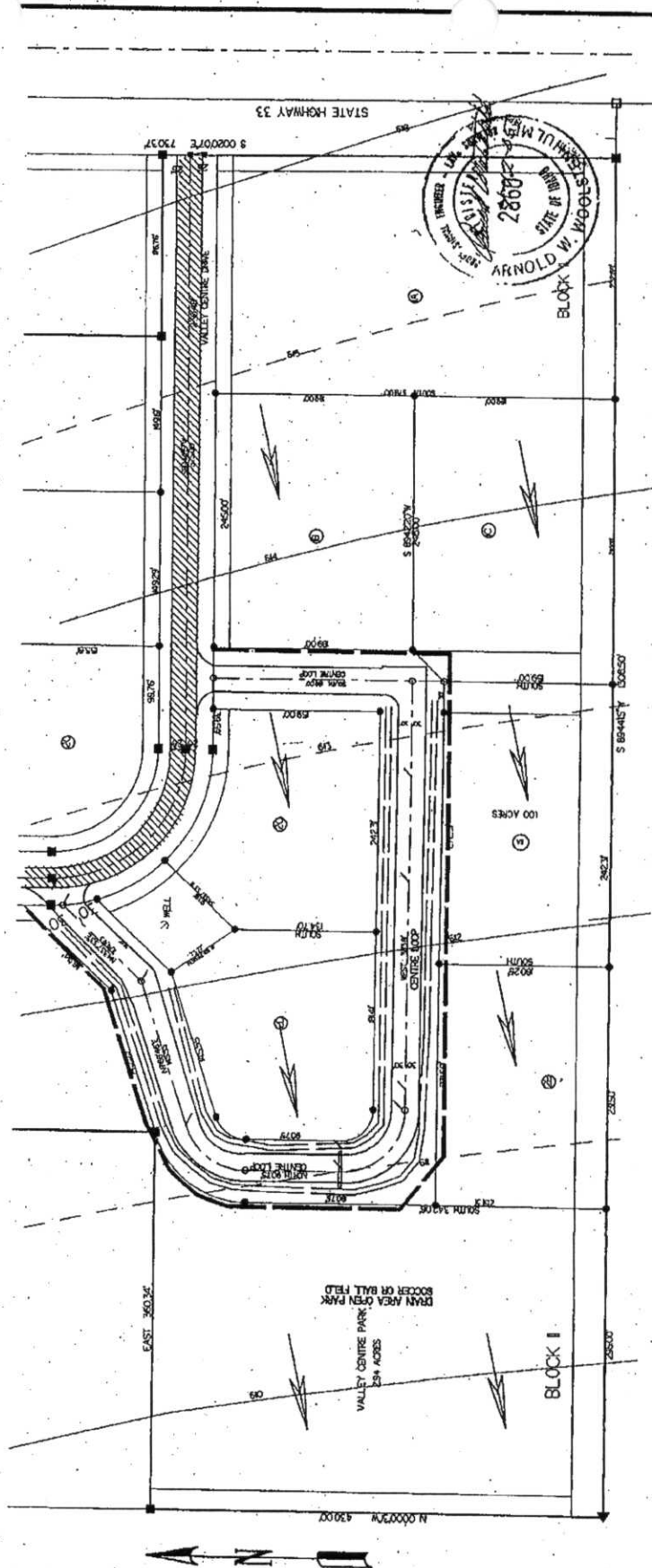
TITLE & INDEX PAGE

VALLEY CENTRE Subdivision

WATER SYSTEM

PROJ 2000-044 / SHEET 1 OF 3

- CONTINUOUS DRAIN SWALE
- SILT FENCE INSTALLED
- DRAINAGE SLOPE OF DISTURBED AREAS
- STRAW BALES - STRINGS TO SIDES BURY 6"
- ①
- ② TEMPORARY WOOD STAKE OR METAL FENCE POST
- ③ WIRE FENCE 6" GRID MIN 16 GAUGE
- ④ SILT FENCE FILTER FABRIC



AW ENGINEERING

P.O. BOX 139, VICTOR, IDAHO 83455
208-787-2952

208-787-2952

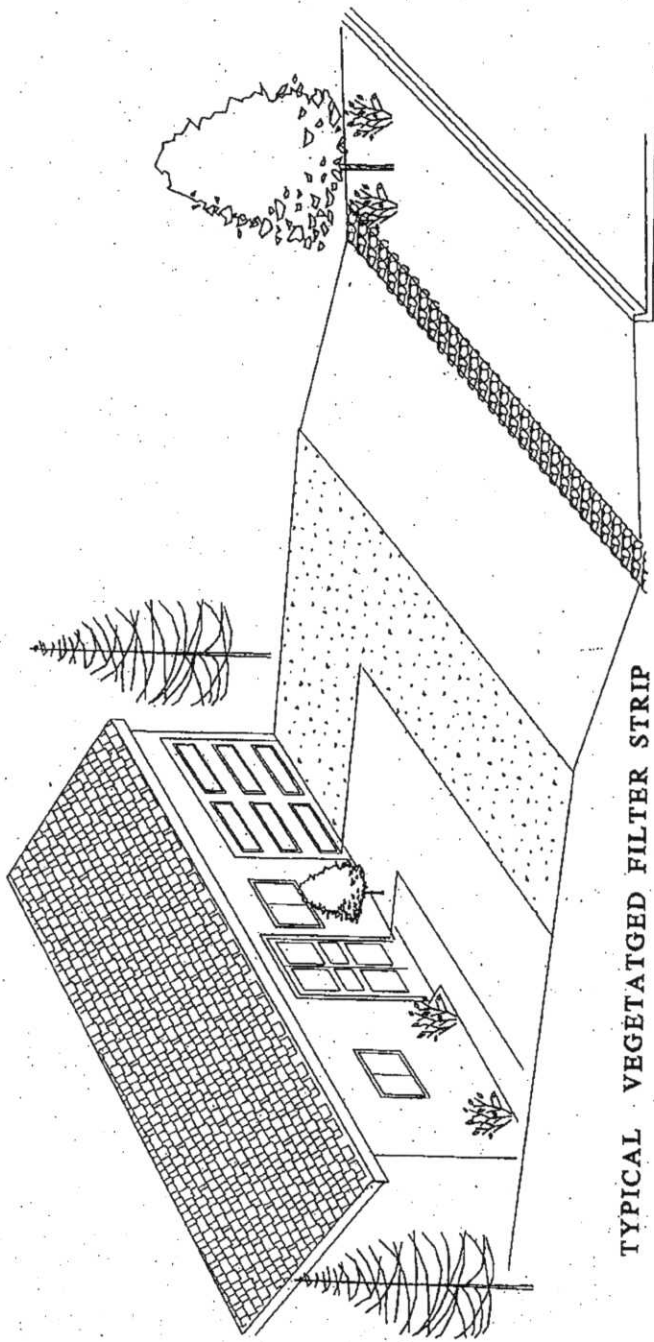
ROAD PLAN & PROFILE

VALLEY CENTRE AMEND I SUBDIVISION

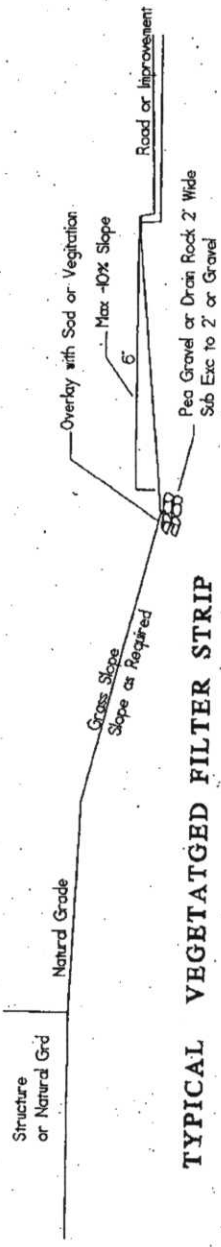
PROJECT 2005-014

90-03-001 300

•



TYPICAL VEGETATED FILTER STRIP



TYPICAL VEGETATED FILTER STRIP

Typical INFILTRATION TRENCH - Vegetative Swale

0 50 100 150 200
SCALE 1" = 100'



ROAD PLAN & PROFILE
VALLEY CENTRE AMEND I SUBDIVISION
PROJECT 2005-014 RD-PS-PP1, SCD 33

AW ENGINEERING
P.O. BOX 139, VICTOR, IDAHO 83455
208-787-2952



P.O. Box 139 255 South Main St.
Victor, ID 83455

RECEIVED

NOV 08 2006

DEQ-IDAHO FALLS

05-15-41
2069

Division of Environmental Quality
Idaho Department of Water Resources
Idaho Falls, Id.

Nov 7, 2006

Subject; Water & Sewer Line Extension on
Valley Centre Subdivision, Phase II Plans
DEQ # 05-15-41 Phase II only
Driggs, Teton County, Idaho

To whom it may concern:

Please find enclosed the As Built plans, and specifications for the Valley Centre Subdivision, Amended Plat I, Phase II Construction. These plans reflect minor grade changes and manhole height from the design plans, but other than that the project went and was built as designed.

Please also find enclosed a letter of certification from Clint Charles (inspector for AW Engineering) certifying that he observed the required tests for the water and sewer lines. Also find the Total coliform test results after the line was flushed and chlorinated.

Please call or fax any questions to Arnold Woolstenhulme of AW Engineering at 208-787-2952.
Thanks for your review of this material in a timely manner.

Sincerely,
Arnold W. Woolstenhulme

Copy - City Driggs
- Travis Thompson

IFRO

36341



November 2, 2006

Travis Thompson
Developer

*Rt - Contractor
Soda Springs, Id.*

RE: Valley Center Subdivision *Phase 2 Construction*

Dear Mr. Thompson:

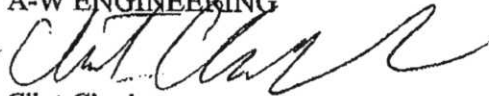
The following letter is a brief summary of our inspection and testing done on Valley Centre Subdivision.

On 8/29/06 I witnessed the pressure testing of the water line running down Centre Loop South and Centre Loop West. The system was tested at 120 p.s.i. for two hours. The water samples were taken and passed on 8/29/06. The water system has only been inspected and approved in the area described above.

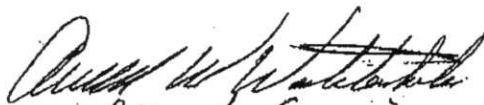
On 7/27/06 we pressure tested the gravity sewer system. Each line segment was tested individually for 5 minutes at 5 p.s.i.. On 11/2/06 we pulled the mandril through both line segments. All the gravity lines passed in the subdivision with no exception.

Sincerely,

A-W ENGINEERING



Clint Charles
Construction Inspector


Project Engineer

**ENERGY
LABORATORIES**

☒ Public Drinking Water System
☐ Private Drinking Water

Shaded areas must be fully filled out or samples will not be run. Private samples need not have pws# or Chlorine residual. Clear areas are for lab use only.

Your sample will be analyzed for TOTAL COLIFORMS unless you specify another analysis under Remarks.

For PWS only, if this is a repeat sample, mark the date of the
ORIGINAL POSITIVE SAMPLE.

Preservative: $\text{Na}_2\text{S}_2\text{O}_3$

RESULTS

[illegible]

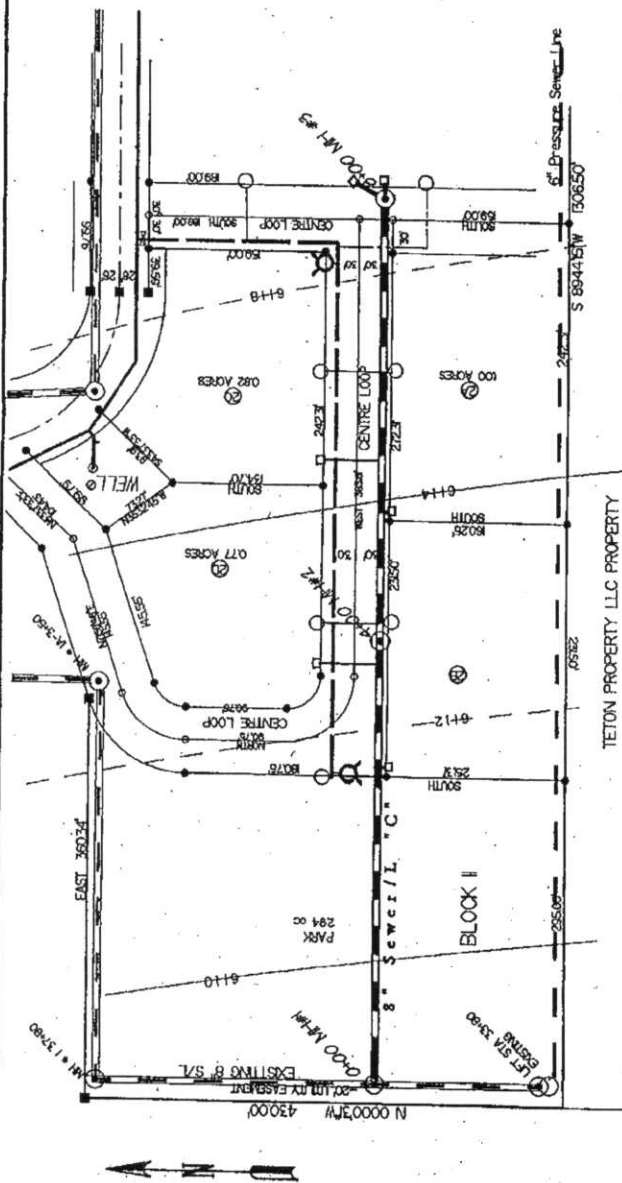
S - Routine Sample	U - Upstream Repeat	E - Enforcement (Chain of custody required)	W - Untreated (source)
P - Repeat Sample (At original tap) <td>D - Downstream Repeat <th>X - Other Repeat</th> <th>C - Construction/Special</th> </td>	D - Downstream Repeat <th>X - Other Repeat</th> <th>C - Construction/Special</th>	X - Other Repeat	C - Construction/Special

Chain-of-Custody Information

Relinquished by: X <u>P. H. V. 13</u>	Date: 8-30-06	Time: 805	Received by: <u>M. White</u>	Relinquished by:	Date:	Time:	Received by:
By signing this I verify the above information is correct.							
DATE/TIME RECEIVED	8-30-06	0805	ANALYST	<u>M. White</u>	<u>0-0</u>		
DATE/TIME ANALYZED	8-30-06	1430	SUPERVISOR				
DATE/TIME READ	8-30-06	0830	LABORATORY NUMBER	ID 00942			
REMARKS <u>Left package w/ party</u>							
Send results to: ☒ IDEQ ☐ DIST 7 ☒ DIST 6							

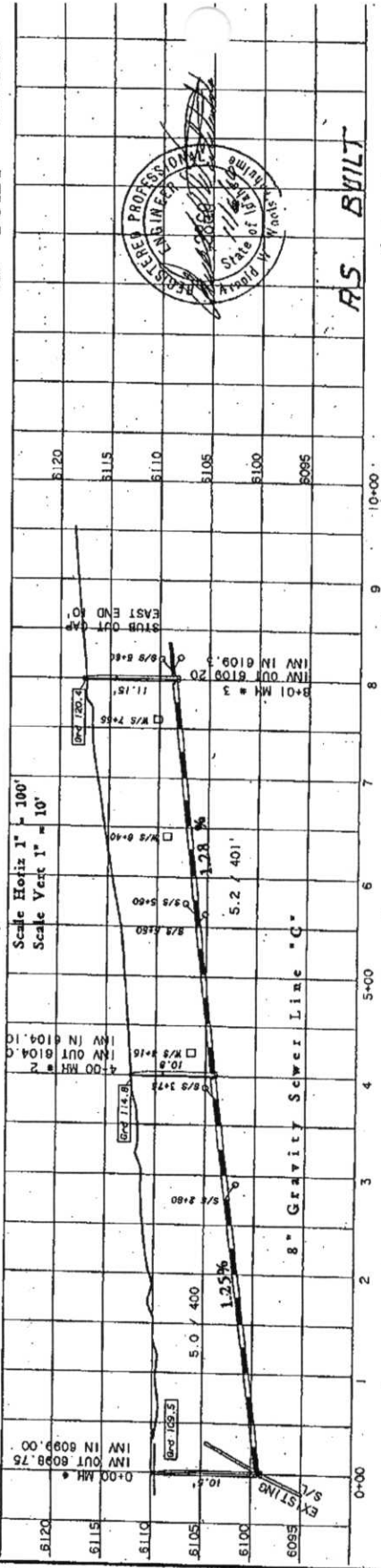
LEGEND

	8" D.I. WATERLINE PROPOSED
	8" D.I. WATERLINE EXISTING
	8" SEWER LINE PROPOSED
	8" SEWER LINE EXISTING
	4" SDR 35 SEWER PIPE PROPOSED
	1" D.I. WATERLINE PROPOSED
	4" O.I. W.A. & FIRE HYDRANT
	VALVES SIZE OF WATER LINE
	MANHOLE



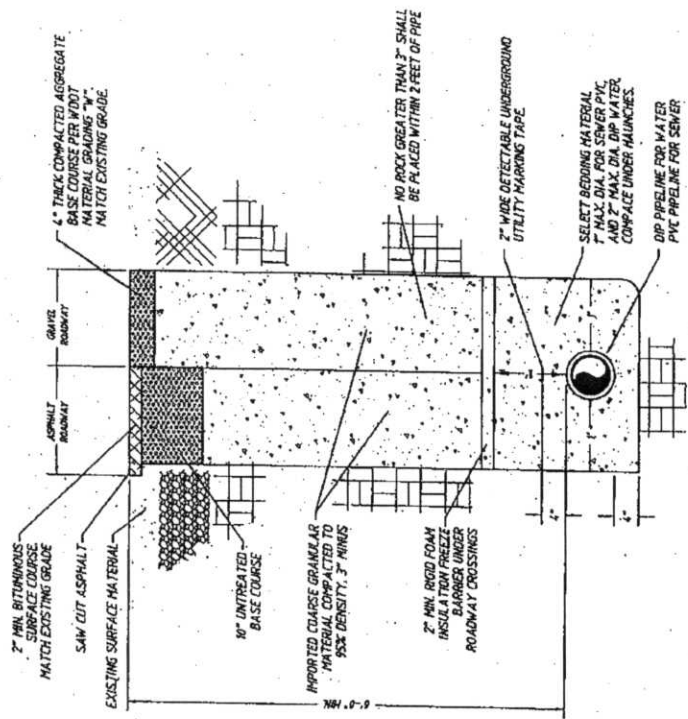
Scale Horiz 1" = 100'

AS BUILT 11/06/06

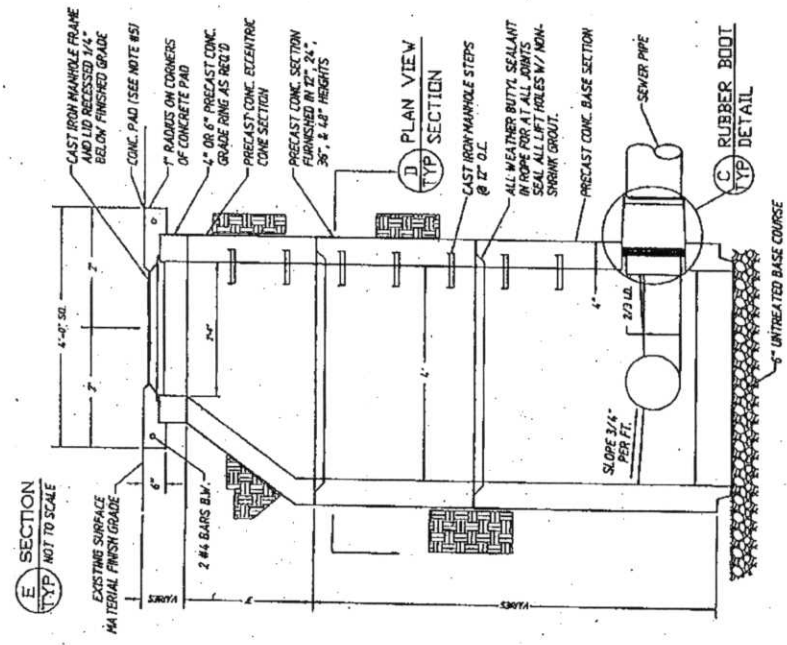


AS BUILT

VALLEY CENTRE - Amended Plat # 1		SEWER Line "C" PLAN AND PROFILE 2005-014 3 of 8
AW ENGINEERING P.O. BOX 139, Victor, Idaho 83455 208-777-3322		
DRAWN BY: [] CHECKED BY: [] DESIGNED BY: [] APPROVED BY: []	11/06/06	



TYPICAL TRENCH DETAIL
NOT TO SCALE



TYPICAL MANHOLE DETAIL
NOT TO SCALE

- GENERAL NOTES**
1. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN CITY EASEMENTS, STREET RIGHTS-OF-WAY OR RIGHTS-OF-WAY OBTAINED FOR CONSTRUCTION PURPOSES.
 2. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY OF LOCATING ALL UNDERGROUND UTILITIES AND PROTECTING THEM FROM DAMAGE.
 3. ALL EXCAVATIONS, TRENCHING, AND SHORING SHALL MEET THE REQUIREMENTS OF THE ICAHO OCCUPATIONAL HEALTH AND SAFETY COMMISSION.
 4. ALL CONSTRUCTION SHALL CONFORM TO CITY OF DENVER PUBLIC WORKS STANDARDS AND ALL APPLICABLE REQUIREMENTS OF THE STATE OF ICAHO, DEPARTMENT OF ENVIRONMENT. ALL CONSTRUCTION WILL BE SUBJECT TO INSPECTION BY, NOT LIMITED TO, BOTH AGENCIES.
 5. CONTRACTOR SHALL PROPERLY PREPARE, PLACE, AND COMPACT ALL MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ICAHO, DEPARTMENT OF ENVIRONMENT. COMPLETION OF ALL FULL MATERIAL SHALL BE TESTED BY A CERTIFIED TESTING LAB.
 6. CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAR OF MUD, DIRT, AND DEBRIS CREATED BY CONSTRUCTION ACTIVITIES. DUST SHALL BE CONTROLLED BY WATERING.

CONSTRUCTION NOTES

1. ALL MANHOLE FLOW LINES SHALL BE CONSTRUCTED TO PROVIDE SMOOTH FLOW-THROUGH CHARACTERISTICS.
2. JOINTS, ETC., THAT MUST BE GROUTED, SHALL BE "DRY" GROUTED WITH A NON-SHRINKING, NON-METALLIC, TYPE GROUT. GROUT SHALL THOROUGHLY SATURATE JOINTS AND ALL PRODUCTS AND OR EQUAL.
3. MATCH TOP OF PIPES WHEN THE INLET IS SMALLER IN DIAMETER THAN THE OUTLET OR AS DIRECTED BY THE CITY ENGINEER.
4. MAXIMUM SPACING BETWEEN MANHOLES SHALL BE 100 FEET OR AS DIRECTED BY THE CITY ENGINEER.
5. FLOW LINE OF OUTLET PIPE SHALL BE 0.10 FT. BELOW FLOW LINE OF SAME SIZE INLET PIPE.

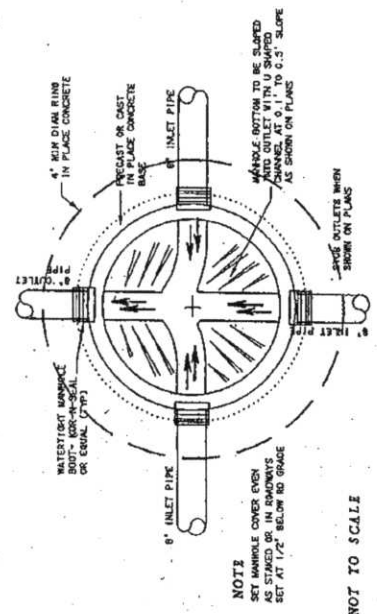


11/16/16 *WWS*

SEWER SYSTEM SECTIONS & DETAIL
"VALLEY CENTRE SUBDIVISION" ADE
MANHOLE / TRENCH TYPICALS
PROJECT 2005-014 SK-2-P-L-ING
AWW 04/09/05 2005-014-205
SHEET 4 OF 4

AS BUILT

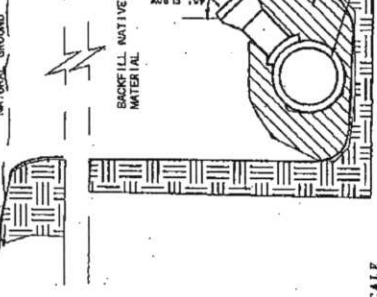
AW ENGINEERING P.O. BOX 09 VICTOR, ID 83455
83455 208-281-2852



MANHOLE BASE TYPICAL

NOT TO SCALE

NOTE
SET MANHOLE COVER EVEN
AS STAKED OR IN ROADWAYS
SET AT 1/2" BELOW NO GRADE



TYPICAL SERVICE CONNECTION

NOT TO SCALE

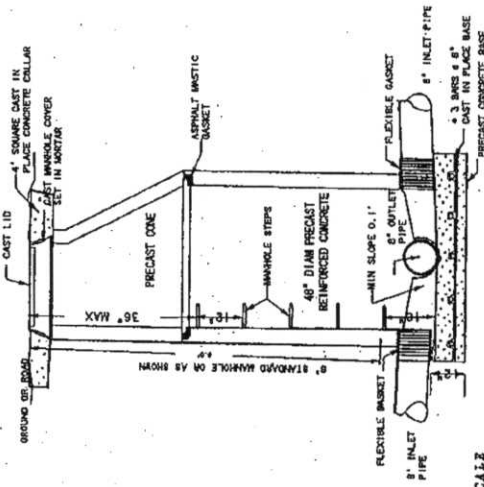
4" x 4" SUPPORT BLOCK
WIRE TO SERVICE LINE THAT EXTENDS FROM
THE INTERSECTION TO UNDISTURBED EARTH WHEN
NOT OF SOLID UNDISTURBED GROUND.

4" SERVICE LINE
RECOMMENDED SLOPE 2%
MIN SLOPE 0.602

COMPACT BACKFILL AROUND PIPE AND
GRADE WITH TREATED 4" x 4" WEDGE REQUIRED

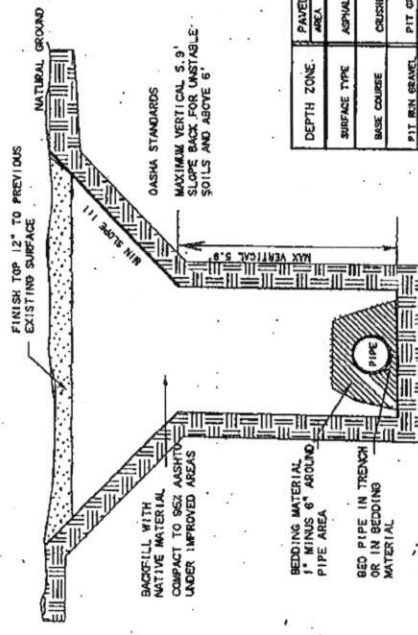
BEDDING MATERIAL IN PIPE ZONE

TRUNKLINE



STANDARD ECCENTRIC MANHOLE

NOT TO SCALE



TYPICAL TRENCH

NOT TO SCALE

BACKFILL WITH
NATIVE MATERIAL
COMPACT TO 92% AASHTO
UNDER IMPROVED AREAS

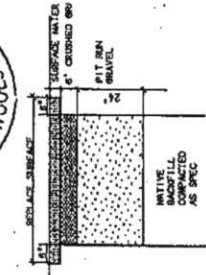
BEDDING MATERIAL
1\"/>

BED PIPE IN TRENCH
ON IN BEDDING
MATERIAL

FINISH TOP 12" TO PREVIOUS
EXISTING SURFACE

NATURAL GROUND

DASHA STANDARDS
MAXIMUM VERTICAL 5.9'
SLOPE BACK FOR UNSTABLE
SOILS AND ABOVE 6'



ROAD CUT TRENCH

DEPTH ZONE	PAVED ROADS	GRAVEL ROADS	GRAVEL ROADS	COMPACTION
	AREA	DEPTH	AREA	DEPTH
SURFACE TYPE	ASPHALT PAVE	4"	CHURNED AHD	4"
BASE COURSE	CHURNED AHD	6"	CHURNED AHD	6"
PIT RUN GRAVEL	PIT GRAVEL	24"	PIT GRAVEL	24"
NATIVE MATERIAL	LOAMY GRAVEL	1-3"	LOAMY GRAVEL	1-3"
PIPE ZONE	SELECT BORROW	6"	SELECT BORROW	6"

ROAD CROSSINGS

A.S BUILT 11/16/06

SEWER TYPICALS PLANS

VALLEY CENTRE Sub

Phase II Amended Plat

AW ENGINEERING

P.O. BOX 199, VICTOR, IA

83455 208-787-1922

2005-014

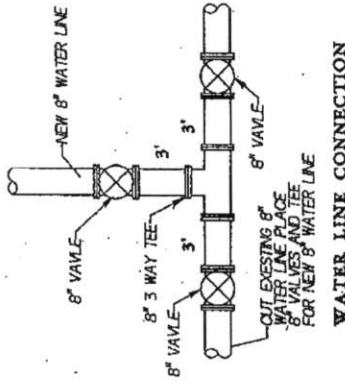
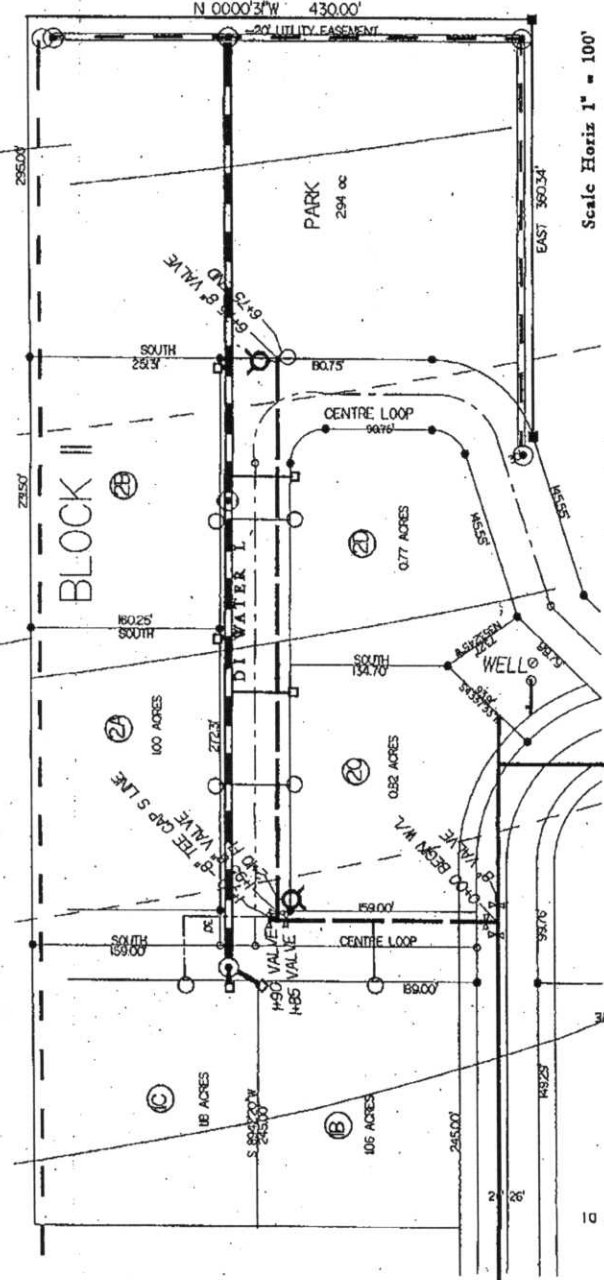
SHEET NO.

S2-5 of 8

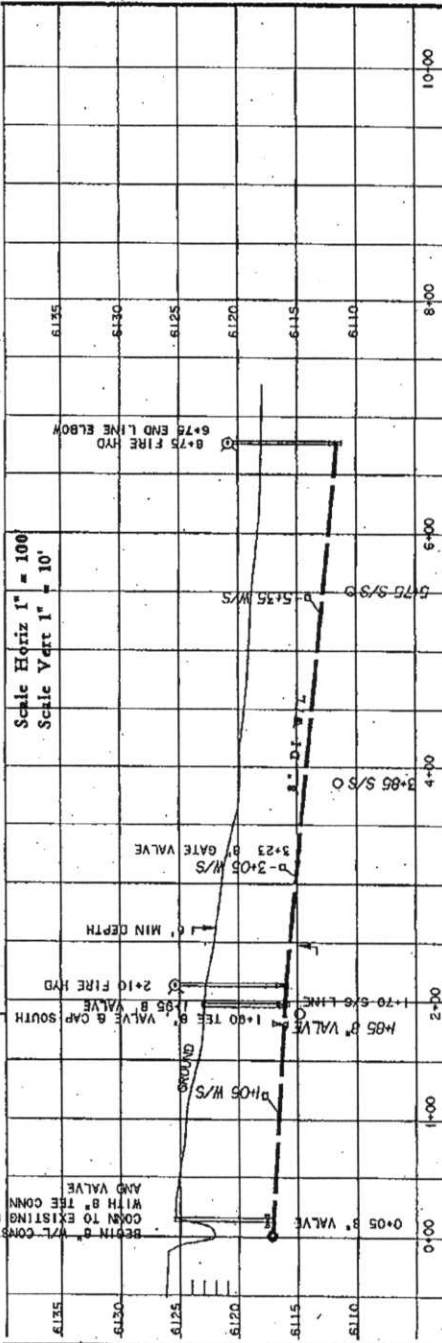
DESIGNED	DATE	DESIGNED	DATE
APPROVED	DATE	APPROVED	DATE

LEGEND

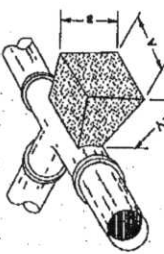
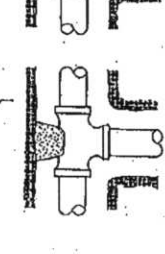
- 8" D.I. WATERLINE PROPOSED
- 8" D.I. WATERLINE EXISTING
- 8" SEWER LINE PROPOSED
- 8" SEWER LINE EXISTING
- 4" SDR 35 SEWER PIPE PROPOSED
- 1" G.I. WATERLINE PROPOSED
- 6" D.I. W/L 8 FIRE HYDRANT VALVES SIZE OF WATER LINE
- MANHOLE



AS BUILT 11/06/06



AW ENGINEERING P.O. BOX 139, Victor, IA 52455 319-787-2852		VALLEY CENTRE SUBDIVISION	WATER SYSTEM PLAN AND PROFILE	6 of 8
--	--	------------------------------	----------------------------------	--------

REDUCER

TEE

TEE (Plugged)

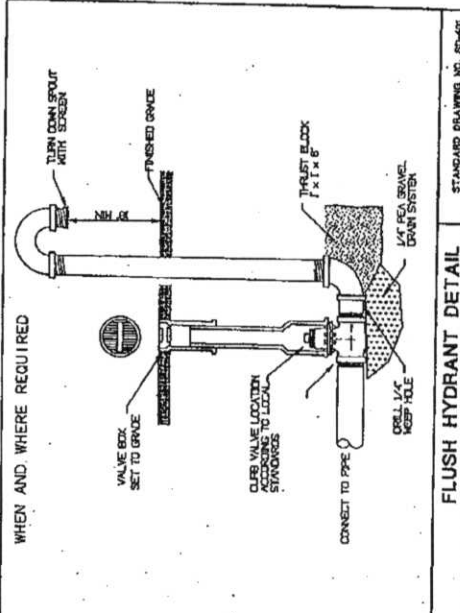
BEND

FITTING SIZES	TEE AND PLUGS		90° BEND		45° BEND AND WYE	
	A	B	A	B	A	B
1" - 2"	1" - 2"	1" - 6"	1" - 6"	1" - 6"	0" - 10"	0" - 10"
2" - 4"	1" - 11"	2" - 5"	2" - 2"	1" - 10"	1" - 3"	1" - 3"
4" - 6"	2" - 6"	3" - 2"	3" - 0"	2" - 5"	2" - 1"	2" - 1"
6" - 8"	3" - 3"	4" - 0"	3" - 10"	3" - 0"	2" - 0"	2" - 0"

NOTE: ALL DIMENSIONS ARE BASED ON 1/2" DIA. PIPE UNLESS OTHERWISE SPECIFIED. ALL FITTINGS WITH PLUGS.

THRUST BLOCKS FOR WATER MAINS

WHEN AND WHERE REQUIRED



VALVE BOX SET TO GRADE

TURN ON SPURT AIR SCREEN

FINISHED GRADE

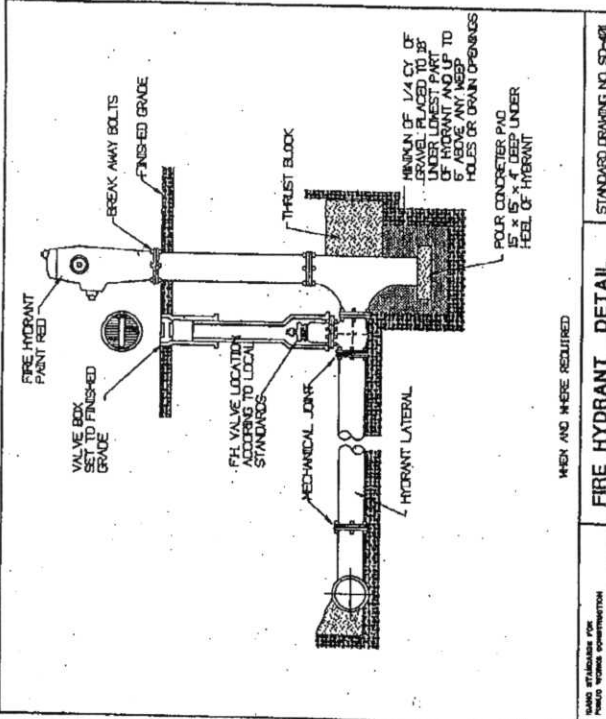
THRUST BLOCK 1' x 1' x 6"

1/2" DIA. BRASS DRAIN STOPPER

CONNECT TO PIPE

OUR VALVE LOCATION ACCORDING TO LOCAL STANDARDS

STANDARD DRAWING NO. SD-427



FIRE HYDRANT PAINT RED

VALVE BOX SET TO FINISHED GRADE

BREAK AWAY BOLTS

FINISHED GRADE

THRUST BLOCK

MECHANICAL JOINT

HYDRANT LATERAL

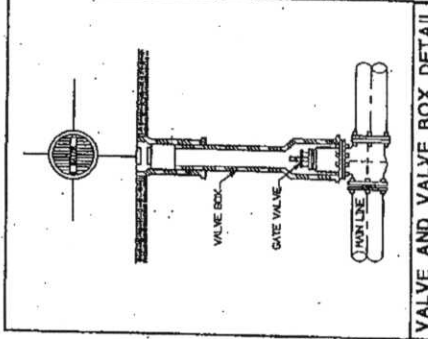
MINIMUM OF 1/4 CY OF GRAVEL PLACED TO 3" UNDER LATEST PART OF HYDRANT AND TO 6" UNDER LATEST HOLES OR DRAIN OPENINGS

POUR CONCRETE PAD 15" x 15" x 4" DEEP UNDER FEEL OF HYDRANT

WHEN AND WHERE REQUIRED

STANDARD DRAWING NO. SD-428

VALVE AND VALVE BOX DETAIL



VALVE BOX

GATE VALVE

MAINLINE

FINISHED GRADE

VALVE BOX SET TO GRADE

TURN ON SPURT AIR SCREEN

FINISHED GRADE

THRUST BLOCK 1' x 1' x 6"

1/2" DIA. BRASS DRAIN STOPPER

CONNECT TO PIPE

OUR VALVE LOCATION ACCORDING TO LOCAL STANDARDS

STANDARD DRAWING NO. SD-429



ARNOLD W. WOOD

12-19-1988

2860

STATE OF IDAHO

PROFESSIONAL ENGINEER

RS BUILT

11/16/06

WATER SYSTEM DETAILS FOR:	
WATER SYSTEM TYPICALS	
DESIGNED BY	AW ENGINEERING
PROJECT NO.	P.O. BOX 139
DATE	VICTOR, IDAHO 83455
PROJECT	(208) 787-2952
DRAWN BY	10/25/99
CHECKED BY	PROJECT 97-0780 / WATPI
Sheet TYP 7 of 8	

TRENCH CONSTRUCTION DETAIL

TYPICAL	DRIGGS	METER	BOX	DETAILS
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TO BE INSTALLED WHEN
UNIT BUILT

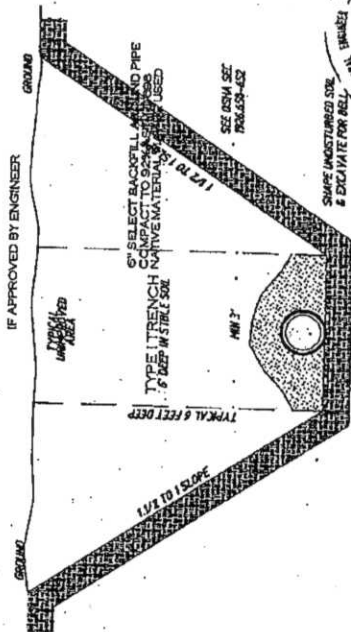
CONSTRUCTION NOTES

1. ALL 2" AND 4" SERVICE CONNECTIONS TO SERVICE ARE CAST WITH CURRY AND SHALL BE BROUGHT TAPPED WITH A CROW STOP. ALL OTHER SERVICE CONNECTIONS SHALL USE SERVICE SUBSALTS AS SPECIFIED.
2. ALL PIPELINES SHALL BE INSTALLED AT THE LOCATIONS AND DEPTHS FOR THE PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
3. ALL PIPELINE MATERIALS SHALL CONFORM TO ASTM 2003M-84, SCHEDULE 40, ASTM F697-82, OR ASTM F773-82.
4. CONTRACTOR SHALL POSITION ALL WORK IN ACCORDANCE WITH INCH DEPARTMENT OF ENVIRONMENTAL QUALITY CODED, WATER QUALITY RULES AND REGULATIONS.
5. ALL DISTRIBUTION PIPE SHALL BE POLYETHYLENE GLASS REINFORCED (PVC), AWWA C-900 CLASS 200.
6. ALL DISTRIBUTION FITTINGS SHALL BE CAST IRON OR DUCTILE IRON AWWA C-118 CLASS 200.
7. PIPES SHALL BE PLACED WITHIN THE RIGHT-OF-WAY RECOMMENDED, AND IN NO CASE SHALL THE PIPELINE BE CLOSER THAN 3 FEET FROM THE PROPERTY LINE.
8. SERVICE LINE UNDER ROADWAY SHALL BE ENCASED IN A 4 INCH PVC CASING FOR THE FULL WIDTH OF THE ROAD EVERY OTHER PROPERTY LINE.
9. MINIMUM HORIZONTAL SEPARATION FROM SEWER SHALL BE 10 FEET.
10. IF HORIZONTAL SEPARATION CANNOT BE MAINTAINED THEN WATER LINE SHALL BE 1'-6" ABOVE SEWER.
11. ALL VERTICALLY ABOVE SEWER OR SEWER SHALL BE CAPPED UNTIL SEPARATION CAN BE MET.
12. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN CITY EASEMENTS.
13. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY OF LOCATING ALL ABOVEGROUND UTILITY LOCATIONS AND PROTECTING THEM FROM DAMAGE.
14. ALL EROSION CONTROL SHALL COMPLY WITH DASH AND ISM-80 DISE.
15. ALL CONSTRUCTION WORK SHALL COMPLY WITH REFERENCED CITY STANDARDS AND REG. REGULATIONS.
16. CONTRACTOR SHALL PREPARE PLACE AND COMPACT ALL FILL MATERIAL.
17. ALL FILL MATERIAL WITH CITY STANDARDS. ENGINEERS RECOMMENDATIONS. CONSTRUCTION SHALL BE TESTED BY A CERTIFIED LAB.
18. CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAR OF MUD AND DIRT. ALL MUD AND DIRT SHALL BE CONTAINED BY WATERED.

NOTES

NOTE: MUELLER/ MODCUL DUGH. THERMAL-COOL.
INETER BOX

1. METER SHALL BE 60 IN. HIGH BY 30 IN. WIDE.
METER SHALL HAVE FLAT SLIP ON TOP OF THE
ANGLE BALL VALVE OPERATED, BUILT-IN,
SHALL BE 90 DEGREE TURNED, BOX
SHALL BE SIZE LONGING.
2. METER SHALL BE SIZES ONE V/ TWO
INCH
3. ALL FITTINGS SHALL BE FIRM ON WALLS
COMPRESSION TYPE FITTING
1. 60' ROW FOR ALL STREETS
2. GRADES WITHIN A FOOT OF ALL STREETS SHALL BE 24 FEET.
- BY CHANGES AGGREGATE SIX-FOOT OR
7' DROPPED CAUSE AN 80%
C SPANAL WITH C/D DOWN LINE ORDO
4. PARALLEL BRIDGE AND STREET STORAGE SHALL BE
PROVIDED ALONG ALL STREETS. DRAINAGE WANT SHALL
REDUCED AFTER CONSTRUCTION
- MAJOR GRAD OF ALL STREETS IS EIGHT PERCENT ORD



TYPICAL TRENCH DETAILS



AS BUILT 11/6/06

WATER TRENCH & METER SYSTEM

**"VALLEY CENTRE SUBDIVISION" ADEM !
WATER SYSTEM DETAILS**

PROJECT	2005-014	SW2-P4.DWG
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AWW 06/09/05	SHEET 8 OF 8
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AW ENGINEERING
P.O. BOX 159, VICTOR ID.

83455 --- 208-787-7952

City of Driggs

80 North Main St. - P.O. Box 48

Driggs, Idaho

83422

Phone: (208) 354-2382 - FAX: (208) 354-8522

www.driggs.gov/office.com

Louis B. Christensen, Mayor

July 6, 2005

RECEIVED

JUL 07 2005

DEQ-IDAHO FALLS

Ryan Urbanec
Department of Environmental Quality
900 North Skyline Suite B
Idaho Falls, Idaho 83402

Re: Valley Centre Subdivision, Including Valley Centre II and Valley Center I re-plat

Dear Ryan,

The City of Driggs is confident that we have the capacity and will be able to service the Valley Centre Subdivision and the changes with Valley Centre I re-plat and Valley Centre II changes, with services for both water and waste water. This is contingent on the disposition and ownership of the well and waste water collection system and DEQ and City Public Works and engineering approval. We do not foresee any capacity problem with this addition.

Sincerely,



Louis B. Christensen

IFRO

31069





STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

FILE COPY

900 North Skyline Dr., Suite B • Idaho Falls, Idaho 83402-1718 • (208) 528-2850

August 1, 2005

Dirk Kempthorne, Governor
Toni Hardesty, Director

Travis Thompson
P.O. Box 545
Driggs ID, 83422

Re: Water and Sewer Lines Design Review for Valley Centre Subdivision, Amended Plat I, Phase II Construction and Valley Centre II, Phase III Construction (sewer line extension B) Driggs, Idaho DEQ# 05-15-41

Dear Mr. Thompson:

We have reviewed the plans and specifications for the proposed water and sewer line extension design and they appear to meet State standards and are approved contingent upon the following:

1. Prior to final approval items 1 and 2 of the previous approval letter May 3, 2005 from DEQ must be completed pertaining to the initial sampling of all Volatile Organic Compounds (VOCs), Synthetic Organic Compounds (SOCs), Inorganic Contaminants (IOCs), and Radiological Contaminants (Rads): and lead and copper sampling.

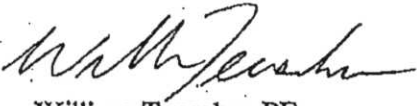
Verification of a certified operator must be hired to operate and maintain the public drinking water system per IDAPA 58.01.08.554.

Our approval is for the design. We will give final project approval after the project is constructed and the as-built drawings submitted for our records along with the above mentioned items. This office must review any deviations from the approved design that might result in violations of Idaho Regulations before field installation. This office must be kept informed of the scheduling of all construction phases so that we can make spot inspections as necessary.

This approval will expire **August 1, 2006**. If construction is not complete by the expiration date, plans will need to be resubmitted for approval before further construction proceeds. Within 30 days after construction, a professional engineer registered in the State of Idaho must provide this office with a built plans, or a letter of certification stating that the project was installed substantially according to the approved design.

A copy of the submitted plans and specifications will be kept on file at this office. Please reference DEQ No. 05-15-41 when submitting future correspondence. If you have any questions regarding this letter, please call me at (208) 528-2650.

Sincerely,



William Teuscher PE
Water Quality Engineer
Idaho Falls Regional Office

C: Jim Johnston, Regional Administrator
Arnold Woolstenhulme PE, AW Engineering
Nathan Taylor, D7HD IF.
Chris Critser, State Plumbing Inspector

05-12-71
RECEIVED

AUG 17 2005

DEQ-IDAHO FALLS

City of Driggs

80 North Main St. P.O. Box 48 83422

Driggs, Idaho

Phone: (208) 354-2362 - FAX: (208) 354-8522

Planning & Zoning Dept.

August 15, 2005

William Teuscher
DEQ
900 North Skyline Drive, Suite B
Idaho Falls, ID 83402

RE: Valley Centre Townhomes Subdivision

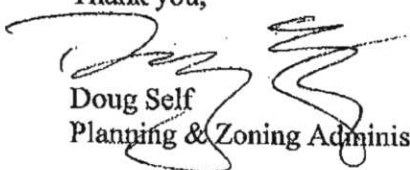
Enclosed, for DEQ's review, is a preliminary plat submitted for the Valley Centre Townhomes Subdivision.

The applicant is proposing to connect to city sewer and water services.

Allen Wilder, Driggs Public Works Director and the Driggs City Council are requiring that the existing water and sewer systems in the Valley Centre I Subdivision be brought to city standards prior to dedication of the lines. According to Mr. Wilder, the city will not issue a Will Serve letter for the Valley Centre Townhomes Subdivision until the requirements for dedication are satisfied.

Any comments from your agency regarding concerns related to the proposed development should be received by city staff no later than 5pm Wednesday, September 7, 2005.

Thank you,


Doug Self
Planning & Zoning Administrator, City of Driggs

IFRO

21243



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

FILE COPY

900 NORTH SKYLINE DRIVE, SUITE B • IDAHO FALLS, IDAHO 83402 • (208) 528-2650

JAMES E. RISCH, GOVERNOR
TONI HARDESTY, DIRECTOR

November 28, 2006

Att: Travis Thompson
Victor Mountain Retreat, LLC.
P.O. Box 408
Victor, ID 83455

**Re: As-Built Drawings for Valley Centre Subdivision Phase 2 Construction (Water & Sewer)
City of Driggs. Teton County.
DEQ # 05-15-41.**

Dear Mr. Thompson

The DEQ has reviewed the As-built drawings submitted By AW Engineering and it appears that the State Standards are satisfied.

An August 15, 2005 letter from the City of Driggs indicated the Valley Centre Subdivision will be connected to the City's water and sewer services. The Phase 2 water and sewer systems are approved provided a "will serve" letter from the City is submitted to this office.

Please reference DEQ No. 02-05-41 when submitting any future correspondence related to this project. If you have any questions please call.

Sincerely,

Gregory Eager PE
Regional Manager Engineering
Idaho Falls Region

C: James Johnston, Regional Administrator
Arnold Woolstenhulme PE, A-W Engineering
City of Driggs, Doug Self & Jared Gunderson
Craig Hammond, Plumbing Bureau
Rochelle Mason, DEQ
Mike Dronen, D7HD

02-15-41 Valley Centre II





December 5, 2006

Greg Eager
Department of Environmental Quality
900 North Skyline Suite B
Idaho Falls, Idaho 83402

RECEIVED

DEC 07 2006

DEQ-IDAHO FALLS

Re: Valley Centre Subdivision Phase 2
DEQ No. 02-05-41

Dear Greg,

On behalf of the City of Driggs, I am authorized to offer water and wastewater services in connection with the proposed development referenced above. While this letter is in no way intended to guarantee the timing, with which such services will be available, it is the intention of the City of Driggs to cooperate with the developer in conjunction with the other customers and partners in the water and wastewater infrastructure to provide such services in a timely manner.

This is contingent on the disposition and dedication of the Valley Centre well to the City of Driggs, and the Disposition and dedication of the wastewater lift station (meeting compliance with state and local regulations) to the City of Driggs.

Sincerely,

Louis B. Christensen

cc:

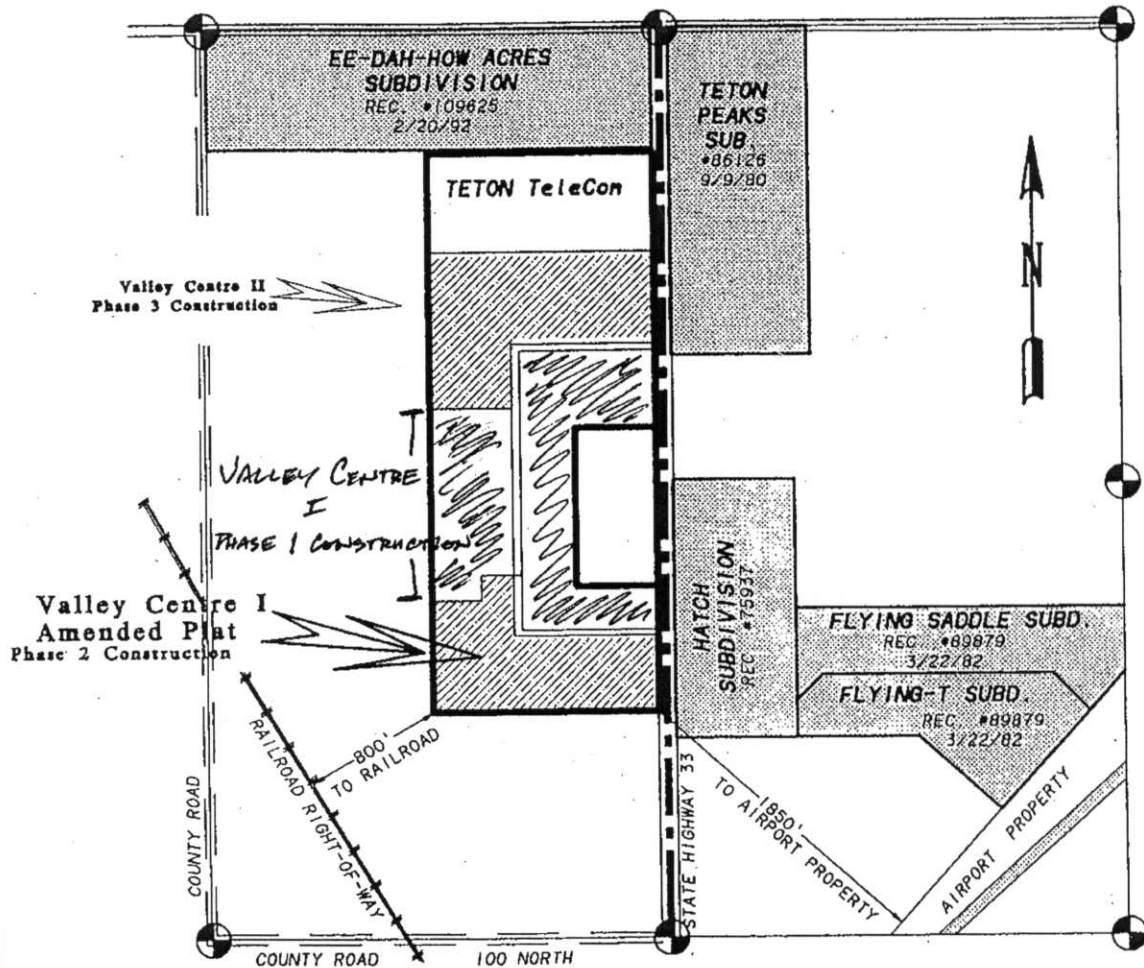
Travis Thompson
Arnold Woolstenhulme PE, A-W Engineering
Craig Hammond, Plumbing Bureau
Rochelle Mason, DEQ
Mike Dronen, D7HD

IFRO

36639



SEWER & WATER VALLEY CENTRE Phase 2 Constr



VICINITY MAP

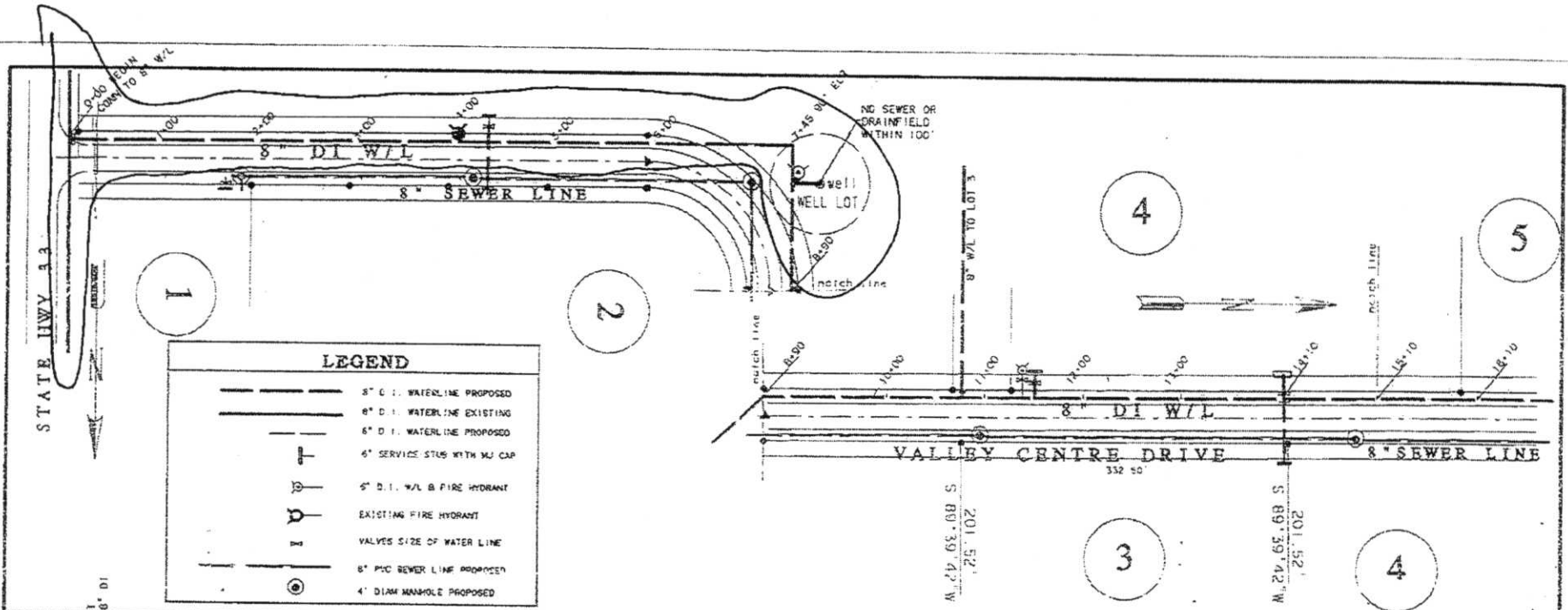
DRAWING INDEX

SHEET	DESCRIPTION
1	TITLE PAGE NOTES
2	PROJECT PLAN LAYOUT SHEET
3	SEWR PLAN & PROFILE
4	SEWER TYP- MANHOLE - TRENCH
5	SEWER SERVICE & CROSSING DETAIL
6	WATER PLAN
7	WATER TYPIC VALVES & HYDRANTS
8	WATER TRENCH & METER SYSTEM

AW ENGINEERING

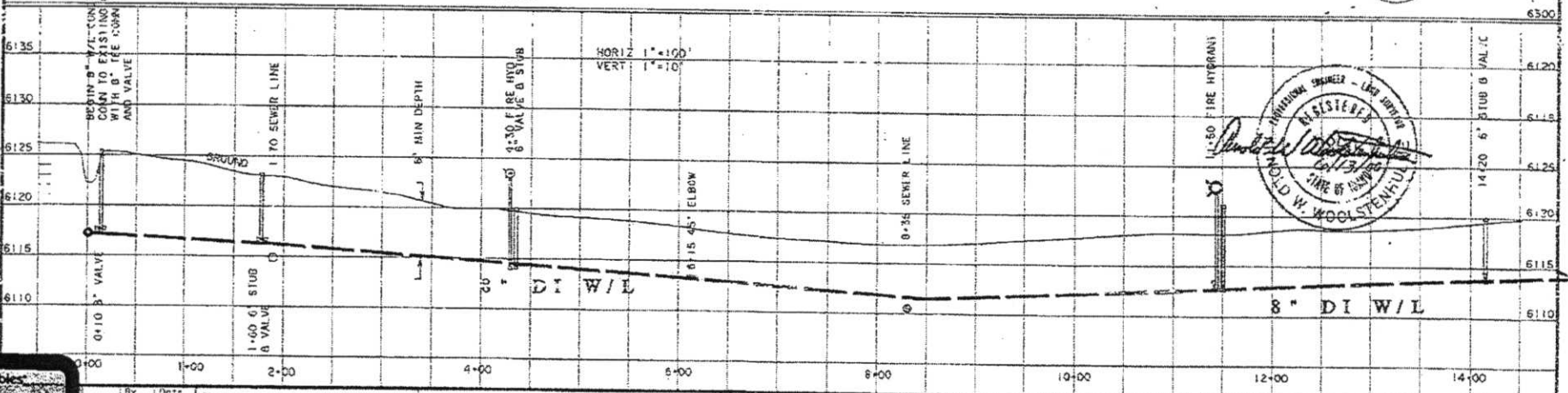
P. O. BOX 139, VICTOR, ID.
83455 --- 208-787-2952

PROJ EXHIBIT
A



LEGEND

- 8" D.I. WATERLINE PROPOSED
- 8" D.I. WATERLINE EXISTING
- 8" D.I. WATERLINE PROPOSED
- 6" SERVICE STUB WITH MJ CAP
- 5" D.I. W/L & FIRE HYDRANT
- EXISTING FIRE HYDRANT
- VALVES SIZE OF WATER LINE
- 8" PVC SEWER LINE PROPOSED
- 4" DIAM MANHOLE PROPOSED



AW ENGINEERING P.O. BOX 139, Victor Id 83455 208-787-2952		VALLEY CENTRE SUBDIVISION		WATER SYSTEM PLAN AND PROFILE		97-078RD 3 of 10	
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STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

900 North Skyline, Suite B • Idaho Falls, Idaho 83402-1710 • (208) 528-2650

Dirk Kempthorne, Governor
C. Stephen Allred, Director

April 15, 2002

Teton Valley Association
Attn: Lynn Moses
P.O. Box 426
Driggs, ID 83422

RE: Valley Center Subdivision As-Constructed Drawings
DEQ#: 00-04-41

Dear Lynn:

We have reviewed the as-built plans and specifications for the Valley Center Subdivision. The appurtenances in the well and well house, which were changed from the original plans and specifications, appear to meet Idaho standards. This submission satisfies the requirements set forth in IDAPA 58.01.08.551.04.c.

The submitted letter will be kept on file at this office. Please reference DEQ#: 00-04-41 when submitting any future correspondence related to this project. If you have any questions in regard to this letter or if we can be of further assistance, please call me at (208) 528-2650.

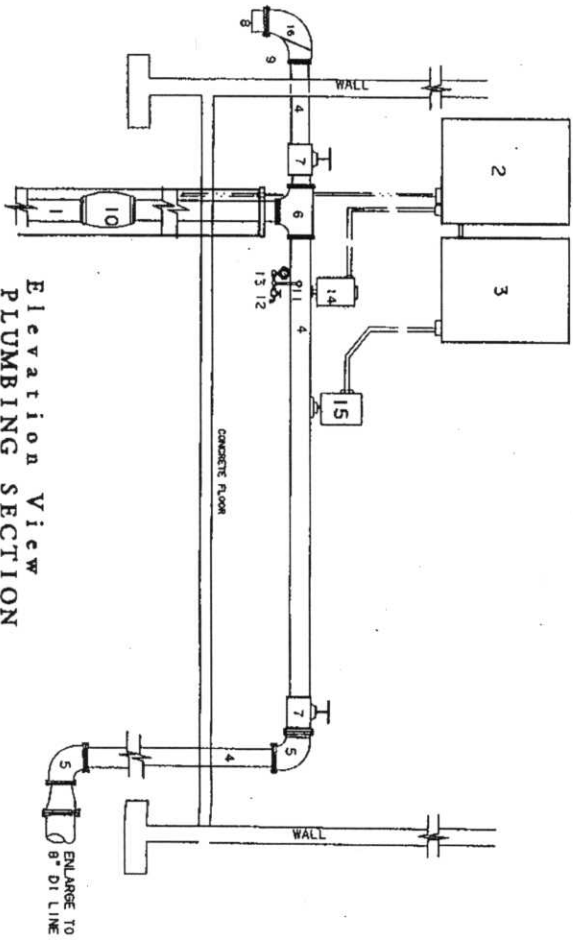
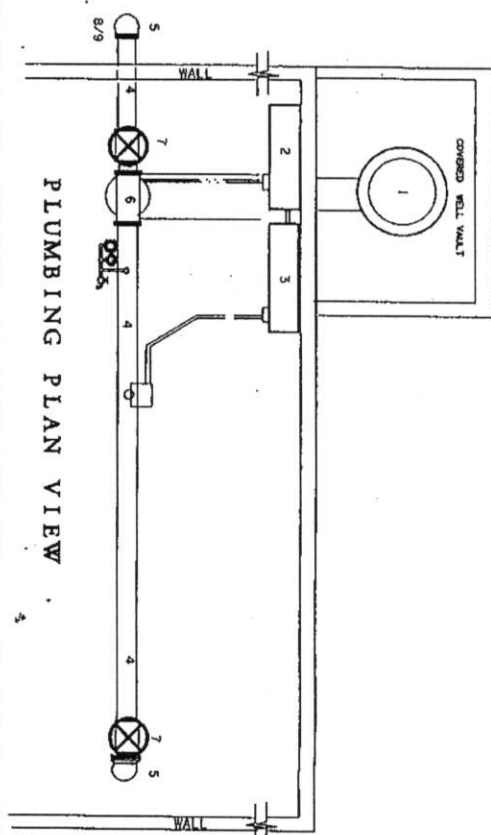
Sincerely,

A handwritten signature in black ink, appearing to read "Ryan Urbaneo".

Ryan Urbaneo
Water Quality Engineer

CC: Greg Hager, P.E., IDHQ - INFO;
Richard Horne, IDHQ - INFO;
City of Driggs, Attn: Alan Wilder, P.O. Box 48, Driggs, ID 83422;
AW Engineering, INC., Attn: Arnold Woolstenhulme, P.O. Box 139, Victor, ID 83455;
00-04-41 File;

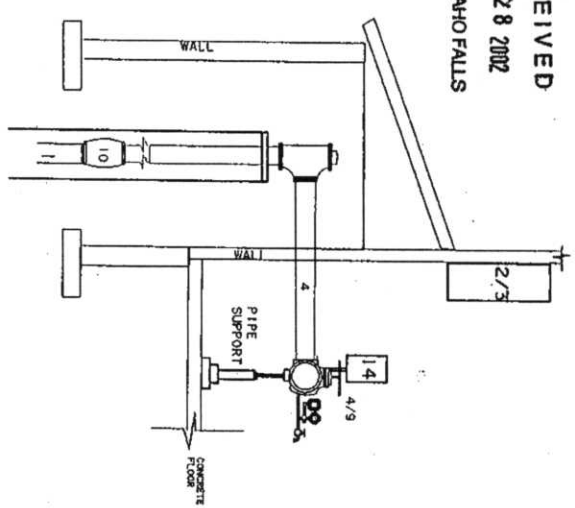




AW ENGINEERING
P.O. BOX 139, VICTOR, IDAHO 83455
208-787-0952

ITEM INDEX PLUMBING IN VAULT & BUILDING	
1. 12" CASIO BELL 16" x 30" SEALED CASING	10. 6" CHECK VALVE
2. PUMP CONTROL PANEL	11. TAP INTO 6" DI WATER LINE
3. WATER METER PANEL	12. SAMPLE SPLITTER
4. 6" O.I. PIPE SECTION	13. PRESSURE GAUGE
5. 6" 90° ELBOW (2)	14. PRESSURE CONTROL SWITCH
6. 6" TEE (1)	15. WATER METER TOTALIZING METER
7. 6" GATE VALVE (2)	16. FLOW VALVE "WATTS" FF 25"
8. 6" WASTE LINE	WITH 60 MESH SCREEN
9. 60 MESH SCREEN BRACKS OR STAINLESS	

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MAR 28 2002
DEERDAHO FALLS



AS-BUILT CONST.
WELL CONTROL & PLUMBING
VALLEY CENTER REBUILDING
PROJECT 97-078
SHEET 9 OF 10

15-40-41



P.O. Box 139 255 South Main St.
Victor, ID 83455

05-07-41
15

RECEIVED

JUL 14 2005

DEQ-IDAHO FALLS

Division of Environmental Quality (DEQ)
Idaho Department of Water Resources
Idaho Falls, Id.

July 5, 2005

Subject; Water & Sewer Line Extension on,
Valley Centre Subdivision, Driggs, Teton County, Idaho

To whom it may concern:

Please find enclosed the plans, and specifications for the Valley Centre Subdivision, Amended Plat I, Phase II Construction and Valley Centre II, Phase III Construction Sewer Line "B" Extension. These extensions add 5 lot to the original plat for Amended Plat I, and 14 lots to the master planned are to the north of the original subdivision.

Data : Total of 20 new lots added to same area as was master plated and in original Valley Centre Subdivision.

City of Driggs is the water source.
City of Driggs is sewer treatment facility.
No separate irrigation system.

The city of Driggs stated that no will serve letter is required because they wrote on originally for the project. I requested an update or conformation letter from them on this matter.

A new water / sewer report check list is enclosed.

Please call or fax any questions to Arnold Woolstenhulme of AW Engineering at 208-787-2952.
Thanks for your review of this material in a timely manner.

Sincerely,
Arnold W. Woolstenhulme

ERO

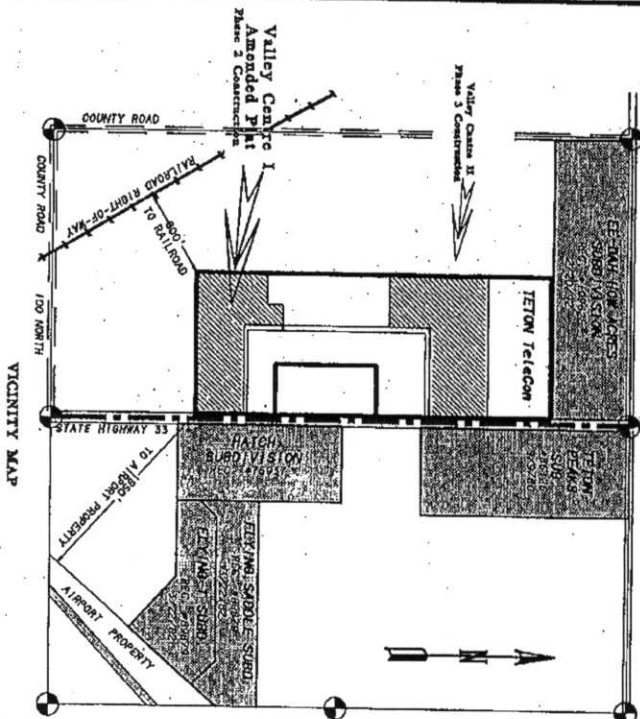
31186



SEWER & WATER PLANS

VALLEY CENTRE SUBDIVISION

Phase 2 Construction



AW ENGINEERING
P.O. BOX 136, VICTOR, ID.
PHONE 208-787-5555

SHEET	DESCRIPTION
1	TITLE PAGE NOTES
2	PROJECT PLAN LAYOUT SHEET
3	SEWER PLAN & PROFILE
4	SEWER TYP- MANHOLE - TRENCH
5	SEWER SERVICE & CROSSING DETAIL
6	WATER PLAN & PROFILE SHEET
7	WATER TYPICAL VALVES & HYDRANTS
8	WATER TRENCH & METER SYSTEM

ITEM	WATER SYSTEM	UNIT	QTY.
205-W	TRENCHING, BEDDING, BACKFILL, TYP	LN FT	1,030
218-1	8" WATER LINE DI CLASS 250	LN FT	680
218-2	1" WATER LINE PPG 200 PSI PIPE	LN FT	350
219-1	8" GATE VALVES & BOX	EACH	3
219-2	FIRE HYDRANTS	EACH	2
219-3	1" CUB STOP VALVE & BOX	EACH	7
221-1	CONNECTION INTO 8" EXISTING V/L	EACH	1
206-S	SEWER SYSTEM		
224-1	TRENCHING, BEDDING, & BACKFILLING	LN FT	1,030
224-2	8" SEWER LINE SDR 35 PIPE	LN FT	800
224-3	4" SEWER SERVICE LINE SDR 35	LN FT	220
224-4	HYDRANTS, 4" X 9" STANDARD	EACH	2
224-5	MANHOLE POURED IN PLACE	EACH	1

BY: *[Signature]*
DATE: *[Date]*
This plan and/or specifications have been prepared for the use of the City of Victor, Idaho, and are not to be used for any other purpose without the written consent of the engineer. The engineer shall not be responsible for the accuracy of the information furnished by the client, nor for the consequences of any errors or omissions in the plan or specifications. The engineer shall not be responsible for the consequences of any errors or omissions in the plan or specifications. The engineer shall not be responsible for the consequences of any errors or omissions in the plan or specifications.



Owner / Developer
Valley Centre Subdivision
Travis Thompson
P.O. BOX 501
VICTOR, ID 83422
208-354-2230

Engineer:
ARNOLD W. WOOLSTEADT
4 NORTH MAIN ST
VICTOR, IDAHO 83465
208-787-2552

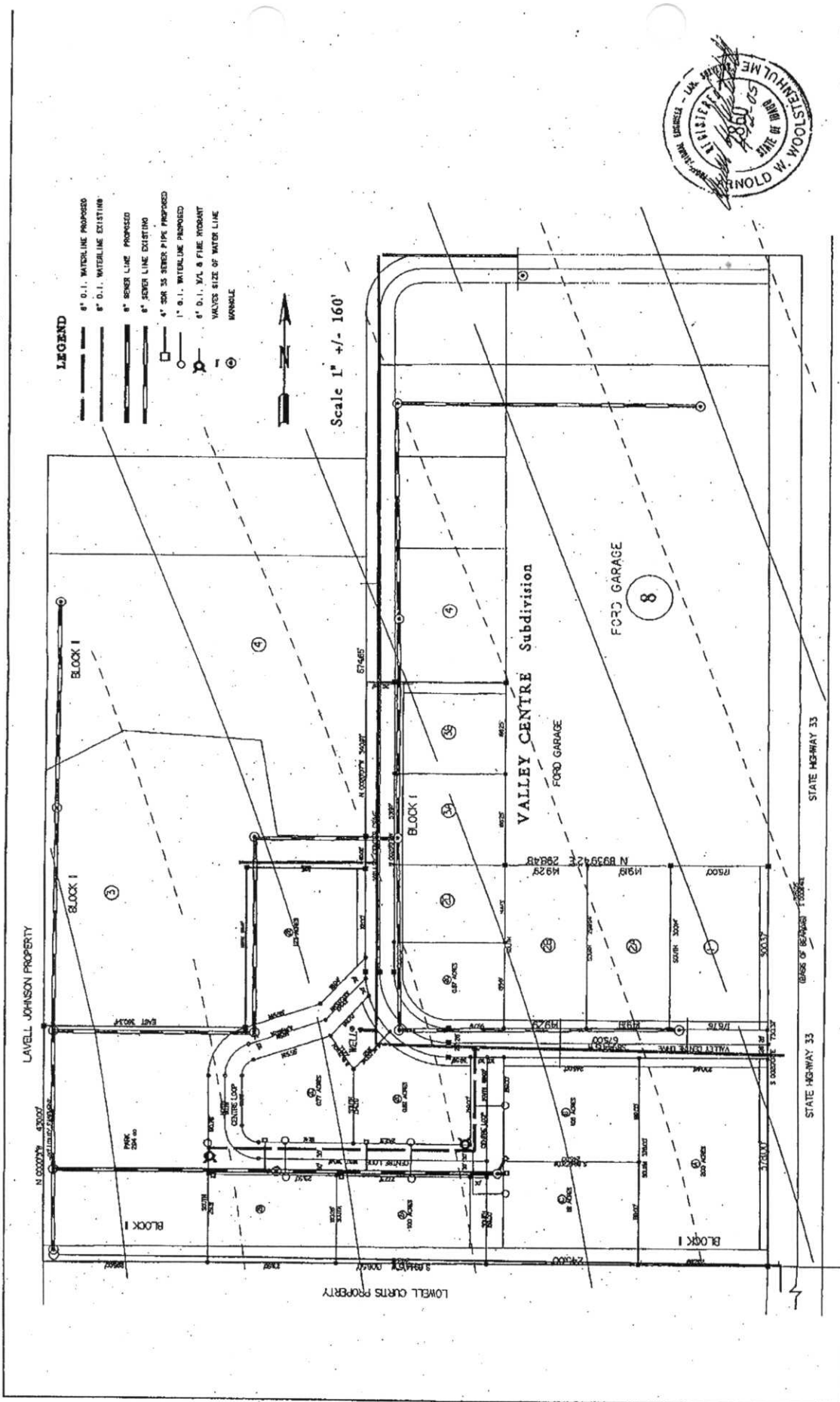
Travis Thompson, Engineer
DATE

WATER-SEWER SYSTEM NOTES:

1. ANY DISTANCE OR DATA SHOWN ON THE PLANS THAT DIFFER FROM THE GROUND SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.
2. DISTANCES SHOWN ALONG PIPELINES ARE CENTRAL LINE HORIZONTAL DISTANCES.
3. ELEVATIONS SHOWN ARE TO FINISHED SURFACE OR PIPE INVERT UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL PROTECT ALL LANDSCAPING, TREES, UTILITIES, EXISTING STRUCTURES, BUILDINGS, STORM, SEWER, AND OTHER EXISTING UTILITIES. ANY DAMAGE DONE BY THE CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE.
5. GENERAL LOCATION OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE DONE BY THE CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE.
6. THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN ALL NEW WATER LINES AND EXISTING SEWER LINES. IF VERTICAL SEPARATION SHALL BE MAINTAINED.
7. MINIMUM CLEARANCE BETWEEN NEW PIPELINES AND EXISTING UTILITIES SHALL BE TWO FEET HORIZONTALLY.
8. ALL GATE VALVES SHALL BE LOCATED ADJACENT TO TEES OR CROSSERS.
9. THURST BLOCKS SHALL BE PLACED AT ALL DIRECTION CHANGES IN THE PRESSURE PIPE.
10. FIRE HYDRANTS SHALL HAVE TWO 2 1/2" DIAMETER HOSE NOZZLES, AND ONE 1 1/2" DIAMETER HOSE NOZZLE.
11. WHERE WORK IS PERFORMED ON EXISTENTS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTION TO ELIMINATE ANY ADVERSE EFFECTS ON THE ADJACENT PROPERTY.
12. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL, SIGNING WHERE REQUIRED IN ACCORDANCE WITH THE FEDERAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
13. MINIMUM DEPTH OF COVER FOR MATERIALS UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE SIX (6) FEET.
14. THE CONTRACTOR SHALL PROVIDE HIS SERVICES FOR MATERIALS, MATERIAL, WATER, WASTE SITES, AND OTHER MATERIAL NECESSARY FOR THE PROJECT.
15. PERMITS SHALL BE OBTAINED FROM ALL CANAL COMPANIES PRIOR TO CONSTRUCTION.
16. METERS AND METER BOXES FOR THE CITY OF VICTOR ARE SHOWN ON THE DRAWINGS BUT WILL NOT BE REQUIRED TO BE INSTALLED UNTIL THE LOT IS DEVELOPED. THE LINE WILL END AT A CURB VALVE INFRONT OF THE PARCELED METER BOX LOCATION.

RECEIVED
JUL 14 2008
IDAHO FALLS

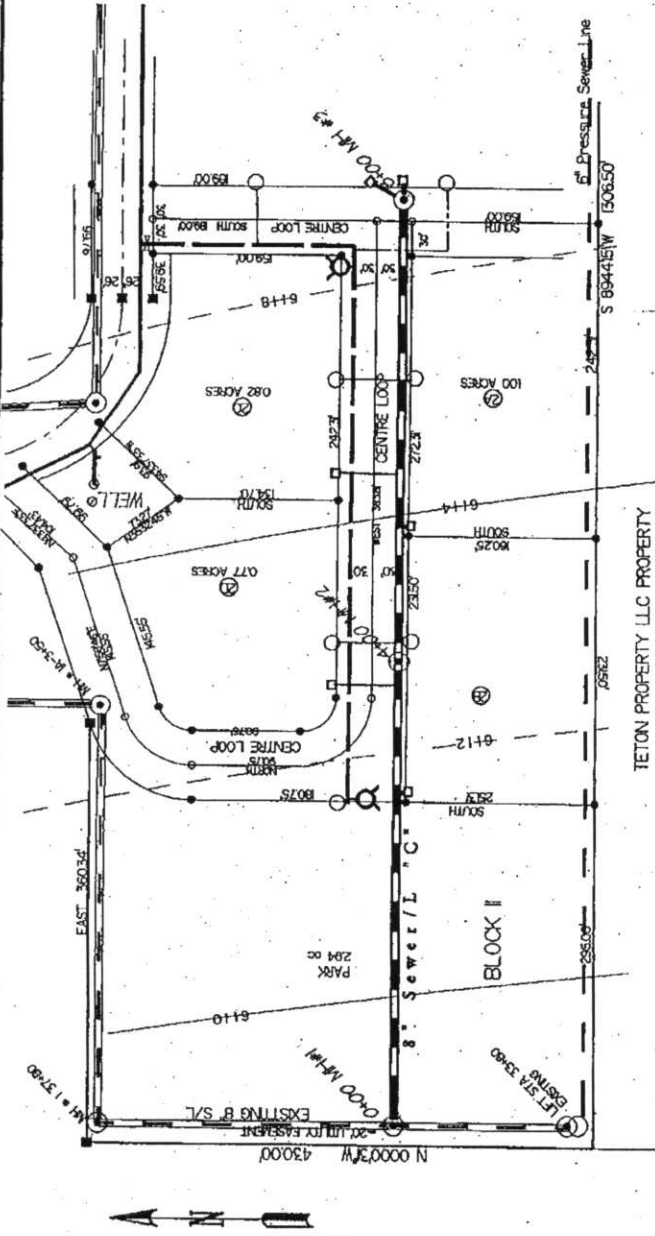
TITLE & INDEX PAGE
VALLEY CENTRE Sub, Phase 2 Construct
SEWER & WATER SYSTEM
SHEET 1 OF 8



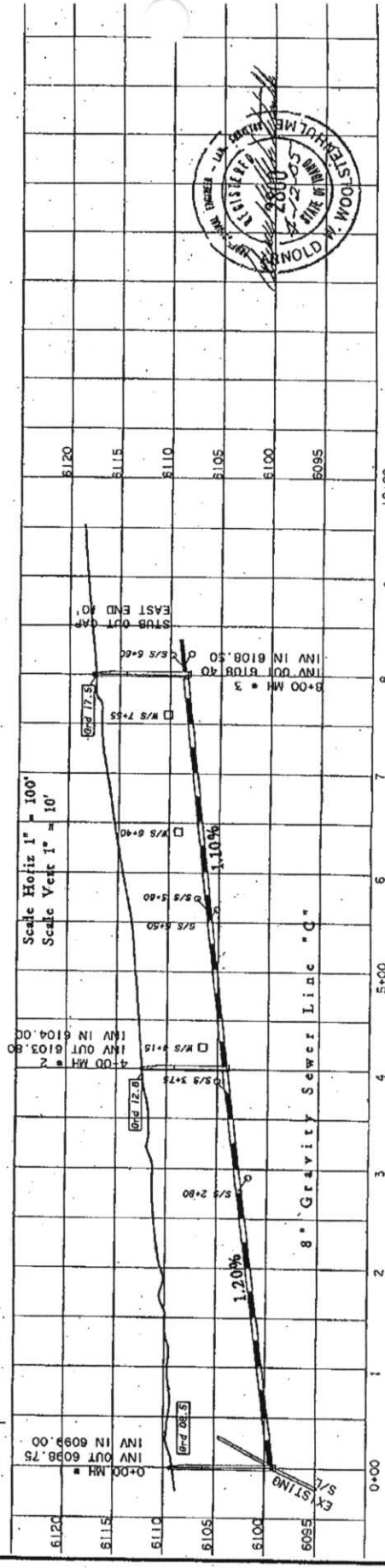
NO. REVISIONS	BY	DATE	DRAWN	CHECKED	DATE	DESIGNED	PROJECT ENGINEER	DATE	APPROVED	PROJECT CHIEF	DATE
SEWER & WATER LAYOUT											
VALLEY CENTRE Sub Amended Plat											
PROJ. NO.	2005-014	SHEET NO.	2 of 8								

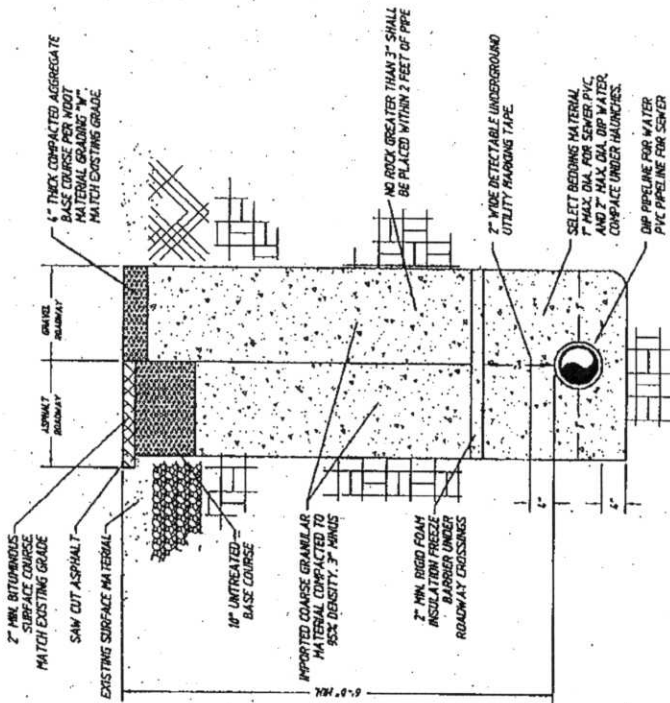
LEGEND

—	8" D.I. WATERLINE PROPOSED
- - -	8" D.I. WATERLINE EXISTING
—	8" SEWER LINE PROPOSED
- - -	8" SEWER LINE EXISTING
—	4" SDR 35 SEWER PIPE PROPOSED
- - -	1" O.I. WATERLINE EXISTING
—	8" O.I. W/L & FIRE HYDRANT VALVES SIZE OF WATER LINE
⊙	MANHOLE

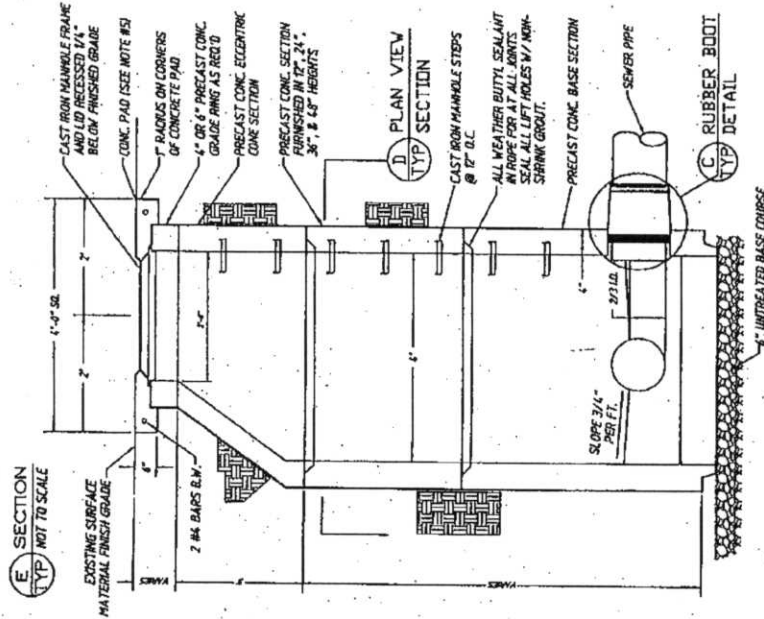


Scale Horiz 1" = 100'





TYPICAL TRENCH DETAIL
NOT TO SCALE



TYPICAL MANHOLE DETAIL
NOT TO SCALE

GENERAL NOTES:

1. ALL CONSTRUCTION WORK SHALL BE PERFORMED WITHIN CITY EASEMENTS, STREET RIGHTS-OF-WAY OR RIGHTS-OF-WAY OBTAINED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY OF LOCATING ALL UNDERGROUND UTILITIES AND PROTECTING THEM FROM DAMAGE.
3. ALL EXCAVATIONS, TRENCHING, AND SHORING SHALL MEET THE REQUIREMENTS OF THE BOARD OCCUPATIONAL HEALTH AND SAFETY COMMISSION.
4. ALL CONSTRUCTION SHALL CONFORM TO CITY OF DRAUGS PUBLIC WORKS STANDARDS AND ALL APPLICABLE REQUIREMENTS OF THE ENGINEER AND THE TECHNICAL SPECIFICATIONS. CONSTRUCTION SHALL BE SUBJECT TO INSPECTION BY, BUT NOT LIMITED TO, BOTH AGENCIES.
5. CONTRACTOR SHALL PROPERLY PREPARE, PLACE, AND COMPACT ALL FILL MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ENGINEER AND THE TECHNICAL SPECIFICATIONS. CONSTRUCTION OF ALL FILL MATERIAL SHALL BE TESTED BY A CERTIFIED TESTING LAB.
6. CONTRACTOR SHALL KEEP ALL PUBLIC ROADWAYS CLEAR OF MUD, DIRT, AND DEBRIS CREATED BY CONSTRUCTION ACTIVITIES. DUST SHALL BE CONTROLLED BY WATERING.

CONSTRUCTION NOTES:

1. ALL MANHOLE FLOW LINES SHALL BE CONSTRUCTED TO PROVIDE SMOOTH FLOW-THROUGH CHARACTERISTICS.
2. JOINTS, ETC., THAT MUST BE GROUTED SHALL BE "DRY" PACKED WITH A NON-SHRINKING, NON-METALLIC TYPE GROUT. JOINTS SHALL BE THOROUGHLY CLEANED AND ALL PRODUCTS WET OR EQUAL.
3. HATCH TOP OF PIPES WHEN THE INLET IS SMALLER IN DIAMETER THAN THE OUTLET OR AS DIRECTED BY THE CITY ENGINEER.
4. MAXIMUM COATING BETWEEN MANHOLES SHALL BE 400 FEET OR AS DIRECTED BY THE CITY ENGINEER.
5. FLOW LINE OF OUTLET PIPE SHALL BE 0.8 FT. BELOW FLOW LINE OF SAME SIZE INLET PIPE.



SEWER SYSTEM SECTIONS & DETAILS	
"VALLEY CENTRE SUBDIVISION" ADEM I	
MANHOLE / TRENCH TYPICALS	
PROJECT 2005-011	1512-PL-0106
DATE 04/10/05	
SHEET 4 OF 8	

AW ENGINEERING	P.O. BOX 69, VICTOR, N.Y.
825-255-1111	825-255-1111

1. WHEN A PRE-MADE CURB IS TO BE USED THE CONNECTION SHALL BE MADE WITHIN THE LIMITS OF SERVICE CONNECTION SHOWN ON THESE DRAWINGS.
2. CLEAMOUTS SHALL BE 5'-4" HIGH FOUNDATION AND EVERY ROW OF SERVICE AND AT ANY BEND OVER 45° CLEAMOUTS SHALL BE 5'-4" HIGH FOUNDATION.
3. ALL NEW SERVICE TAPS SHALL BE INSTALLED BY THE MAINTENANCE OF THE MAIN LINE OR SHALL BE FIELD INSTALLED AS SPECIFIED IN THE STANDARD SPECIFICATIONS AND THESE DRAWINGS.
4. WHEN A RESIDENTIAL USE PLANS TO HAVE A SERVED BASEMENT, HE SHALL INSTALL A BACKUP OR PREVENTION DEVICE ON THE SERVICE LINE.
5. SERVED MAINS SHALL NOT BE SHALLOWER THAN 4 FEET UNLESS AUTHORIZED BY THE CITY.

1. ALL MATHHOLE FLOW LINES SHALL RECONSTRUCTED TO PROVIDE SMOOTH FLOW - THROUGH CHARACTERISTICS.

JOINTS, ETC., THAT MUST BE GROUTED SHALL BE "DRY PACKED" WITH A NON SHRINKING, NON-METALLIC, TYPE GROUT SUCH AS THORUTE STANDARD DRYWALL PRODUCTS INC. OR EQUAL.

2. MATCH TOP OF PIPES WHEN THE INLET IS SMALLER IN DIAMETER THAN THE OUTLET OR AS DIRECTED BY THE CITY ENGINEER.

DISMISSED BY THE CITY ENGINEER.

and the other, which is the same as the first, is the same as the first.

A cross-sectional diagram of a positive seal gasketing system. It shows a central pipe labeled "PIPELINE" passing through a thick wall. A gasket is positioned between the pipe and the wall. The gasket is secured by a bolt and nut assembly on the left side, labeled "MANIFOLD WALL". On the right side, a label "POSITIVE SEAL GASKETING SYSTEM" points to the gasket area.

C **RUBBER BOOT DETAIL**
TYP *NOT TO SCALE*

TYPICAL SEWER SYSTEM DETAILS

PROJECT	2003-003	SW-PP-P7.DWG	SECTION 25
SHEET	01/01/04	SHEET/000.047	SHEET 5 OF 5

AW ENGINEERING
900 BUCKINGHAM TOWER, 10,
83455 --- 208-787-2852

NOT TO SCALE

WATER SEWER LINE CROSSING DETAIL

PLAN - MANHOLE
NOT TO SCALE

NOT TO SCALE

1. Тип

1

—

100

	THE WATER LINE SHOULD BE PLACED IN THIS ZONE IF IT IS PRACTICAL.
	THE WATER LINE MAY BE PLACED IN THESE ZONES, BUT THE SLOPE LINE MUST BE ADJUSTED TO WATER LINE SLOPES.
	THE WATER LINE MAY NOT BE PLACED IN THIS ZONE.
	WATER OR SEWER LINE OR BOTH MAY BE ENCASED IN FOUR (4) INCHES OF CONCRETE MEASURED AT THE WALL.

PLAN - MANHOLE
NOT TO SCALE

NOT TO SCALE

1. Тип

1

—

100