

Gibson, Deborah

From: Rob Harris [rharris@holdenlegal.com]
Sent: Thursday, February 15, 2007 1:31 PM
To: Gibson, Deborah
Subject: Valley Centre Subdivision



Valley Center As
Builds.pdf

Deborah,

Here are the preliminary water plans.

Robert L. Harris
Holden, Kidwell, Hahn & Crapo, PLLC
1000 Riverwalk Drive, Suite 200
P.O. Box 50130
Idaho Falls, ID 83405-0130
Phone: (208) 523-0620
Fax: (208) 523-9518
E-Mail: rharris@holdenlegal.com

CONFIDENTIALITY NOTICE: This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination or distribution of this communication to other than the intended recipient is strictly prohibited. If you have received this communication in error, please notify us immediately by reply email to the sender or collect telephone call to (208) 523-0620. Thank you.

-----Original Message-----

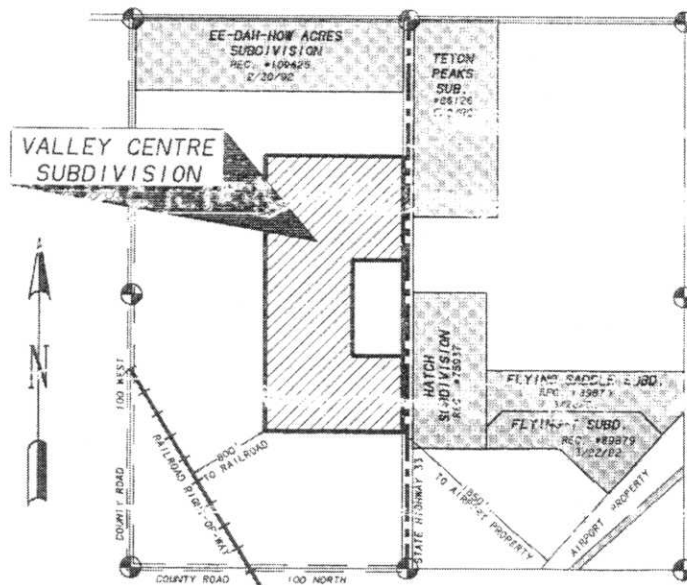
From: Thomtral@cs.com [mailto:Thomtral@cs.com]
Sent: Thursday, February 15, 2007 11:07 AM
To: rharris@holdenlegal.com
Subject: Valley Centre as builds

Here they are.

Thanks,
Travis

Re: 22-7814
Evidence dated 6/3/00.

WATER SYSTEM PLANS VALLEY CENTRE Subdivision



VICINITY MAP

AW ENGINEERING

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

APPROVALS

Developer: VALLEY CENTRE Subdivision

P.O. Box 545
Driggs, Idaho 83422
208-361-8801

Patric Eddy Partner 208 NOV 1999

Engineer: ARNOLD W WOOLSTENHOLME

4 NORTH MAIN ST
VICTOR, IDAHO 83455
208-787-2952

DRAWING INDEX

SHEET	DESCRIPTION
1	TITLE PAGE, INDEX, NOTES
2	WATER SYSTEM LAYOUT
3	PLAN AND PROFILE
4	PLAN AND PROFILE
5	PLAN AND PROFILE LOT 3 PHASE 1
6	WATER SYSTEM TYPICALS THRUST BLOCK
7	WATER SYSTEM TYPICALS FIRE HYD
8	WATER SYSTEM TYPICALS TRENCH
9	1.5" WELL & SUBSIDIARY PUMP
10	WATER CONTROL BUILDING & SYSTEM

WATER SYSTEM NOTES:

1. ANY DISTANCE OR DATA SHOWN ON THE PLANS THAT DIFFER FROM THE PROVIDED SHOULD BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.
2. DISTANCES SHOWN ALONG PIPELINES ARE CENTERLINE HORIZONTAL DISTANCES.
3. ELEVATIONS SHOWN ARE TO FINISHED SURFACE OR PIPE INVERT UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL PROTECT ALL LANDSCAPING, TREES, UTILITIES, DITCHES, CULVERTS, FENCES, MAILBOXES, SIGNS, LIGHTPOLES, HEADGATES, EXISTING ASPHALT PAVING AND ALL OTHER MISCELLANEOUS ITEMS. ANY DAMAGE DONE BY THE CONTRACTOR SHALL BE REPAIRED AT HIS EXPENSE.
5. GENERAL LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR REPAIRING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
6. THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN ALL NEW WATERLINES AND EXISTING SEWER LINES EXCEPT WHERE WATER AND SEWER LINES CROSS, WHERE A MINIMUM OF 15 FEET OF VERTICAL SEPARATION SHALL BE MAINTAINED.
7. MINIMUM CLEARANCE BETWEEN NEW PIPELINES AND EXISTING UTILITIES SHALL BE TWO FOOT HORIZONTALLY.
8. ALL GATE VALVES SHALL BE LOCATED ADJACENT TO TEES OR CROSSES.
9. THRUST 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 4 1/2" DIAMETER HOSE NOZZLE.
11. WHERE WORK IS PERFORMED ON EASEMENTS, THE CONTRACTOR SHALL TAKE EVERY 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 WATERLINES UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE FIVE (5) FEET.
14. THE CONTRACTOR SHALL PROVIDE HIS SOURCES FOR GRANULAR MATERIAL, WATER, WASTE SITE(S), AND OTHER MATERIAL NECESSARY FOR THE PROJECT.
15. THE SHOWN SHALL BE KEPT CLEAR FROM ALL TRAFFIC CONVEYANCES PRIOR TO DISTURBING ANY DITCH OR CANAL.

QUANTITY ESTIMATE

ITEM	DESCRIPTION	UNIT	QTY
301-1	TRENCHING, BEDDING, BACKFILL, TYPICAL	LN FT	2,450
400-1	8" WATER LINE DI CLASS 250	LN FT	2,180
400-2	6" WATER LINE DI CLASS 250	LN FT	300
400-4	8" GATE VALVES & BOX	EACH	1
400-5	6" GATE VALVES & BOX	EACH	8
400-6	FIRE HYDRANTS	EACH	4
400-7	CONNECTION INTO 8" EXISTING W/L	EACH	1
400-8	10" WELL & SUBSIDIARY PUMP	EACH	1
400-9	WELL CONTROL ITEM PLUM	QTY	1
400-10	WELL CONTROL BUILDING	SUM	1
LOT 3 WATER TRUNK & SERVICE LINES			
301-L3	TRENCHING, BEDDING, & BACKFILLING	LN FT	1,450
400-L1	8" WATER LINE DI CLASS 250	LN FT	1,040
400-L3	2" WATER LINE DI 200 PSI	LN FT	110
400-L3	8" GATE VALVES & BOX	EACH	2
400-L3	1.5" CURB VALVE & BOX	EACH	8
400-L4	FIRE HYDRANTS	EACH	2
400-L7	CONNECTION INTO 8" EXISTING W/L	EACH	8

OWNERS/DEVELOPERS:

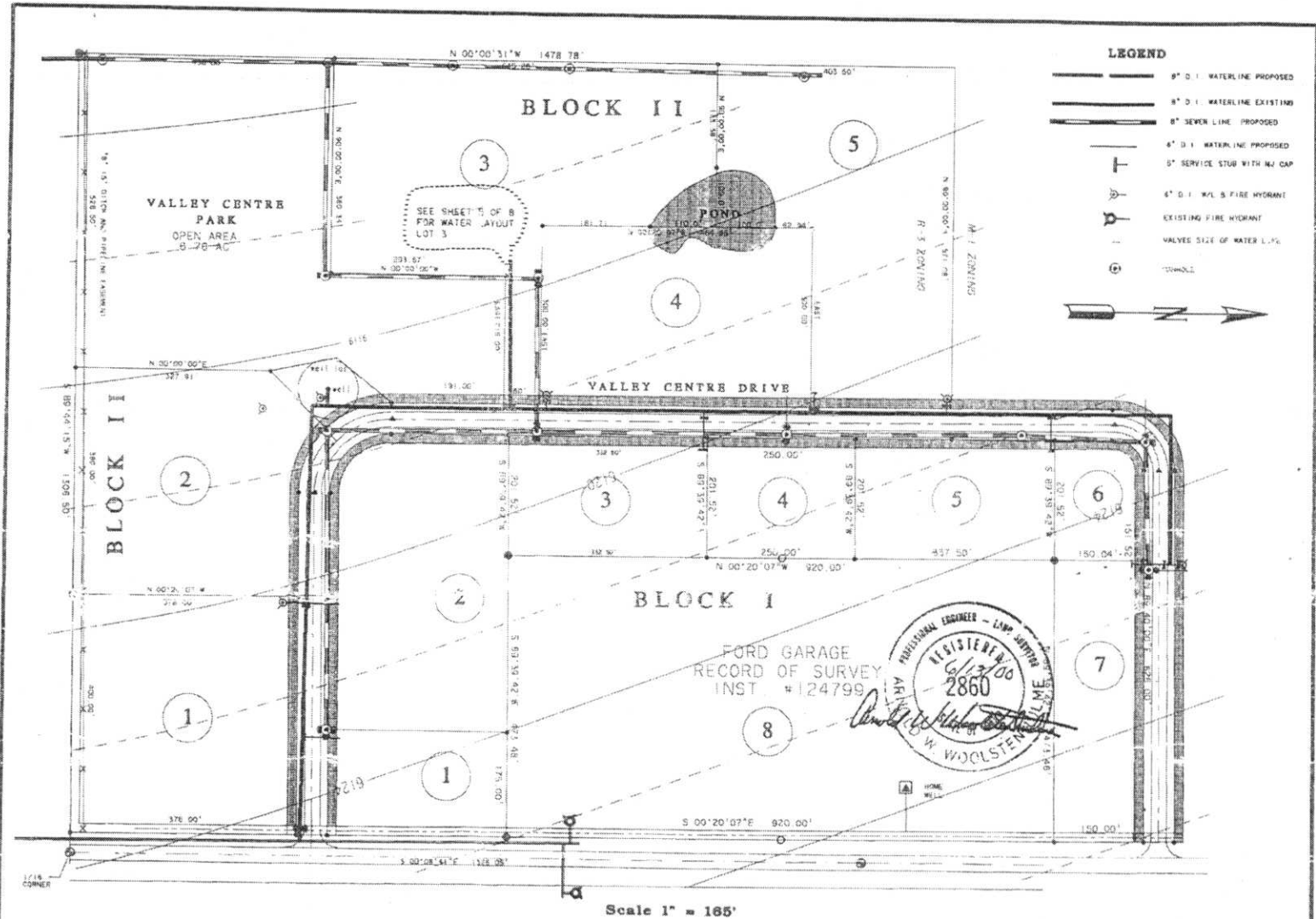
VALLEY CENTRE PARTNERSHIP
P.O. BOX 545
Driggs, Idaho
208-361-8801

TITLE PAGE, INDEX, NOTES

VALLEY CENTRE Subdivision
WATER SYSTEM

PROJECT 91-078

SHEET 1 OF 10



LINE DATA TABLE

LINE	BEARING	DISTANCE
L 1	S 00°08'41"E	209.90'
L 2	N 08°48'21"E	147.80'
L 3	N 00°20'07"W	100.08'
L 4	N 44°39'57"E	70.71'

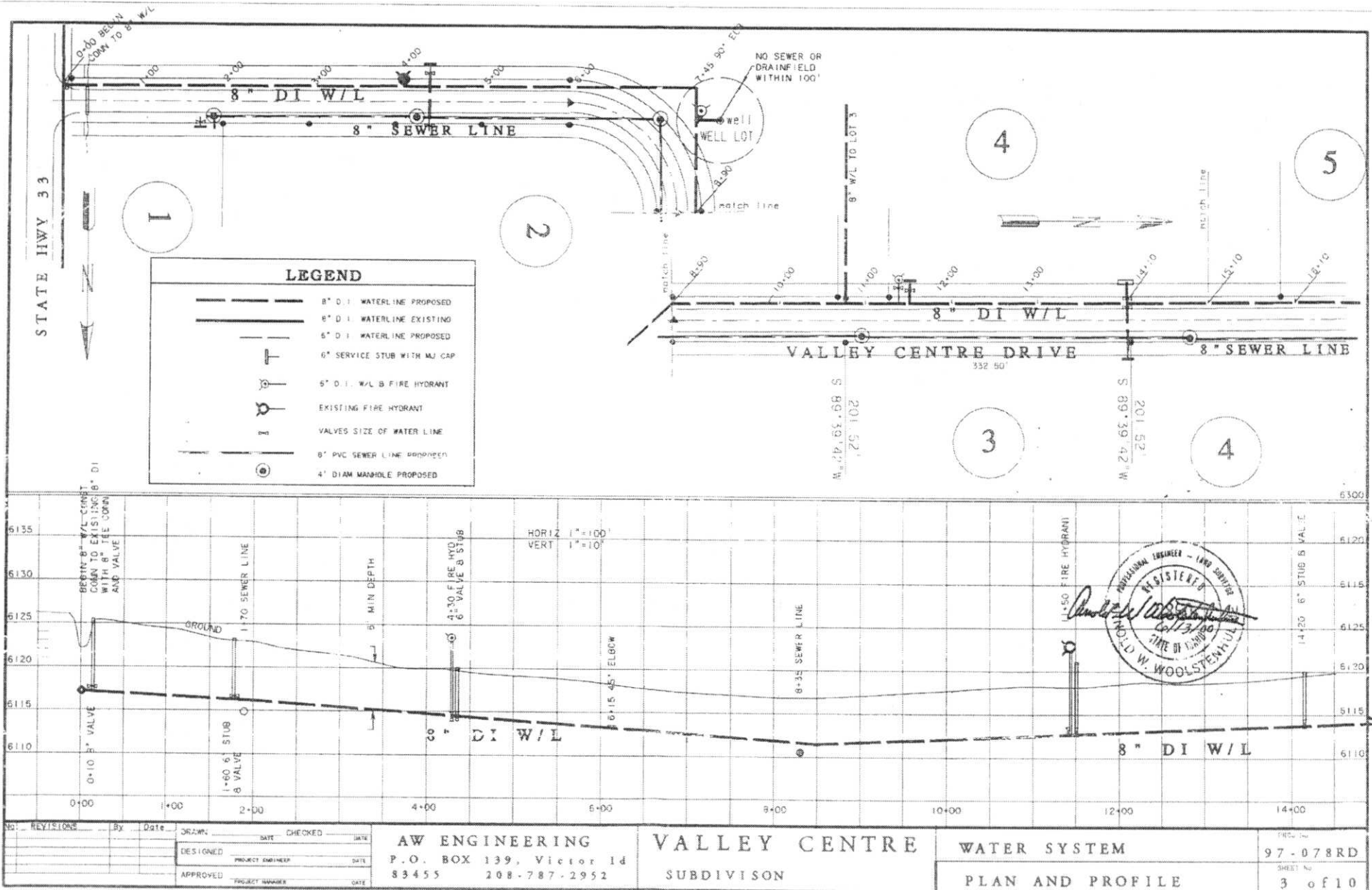
CURVE DATA TABLE

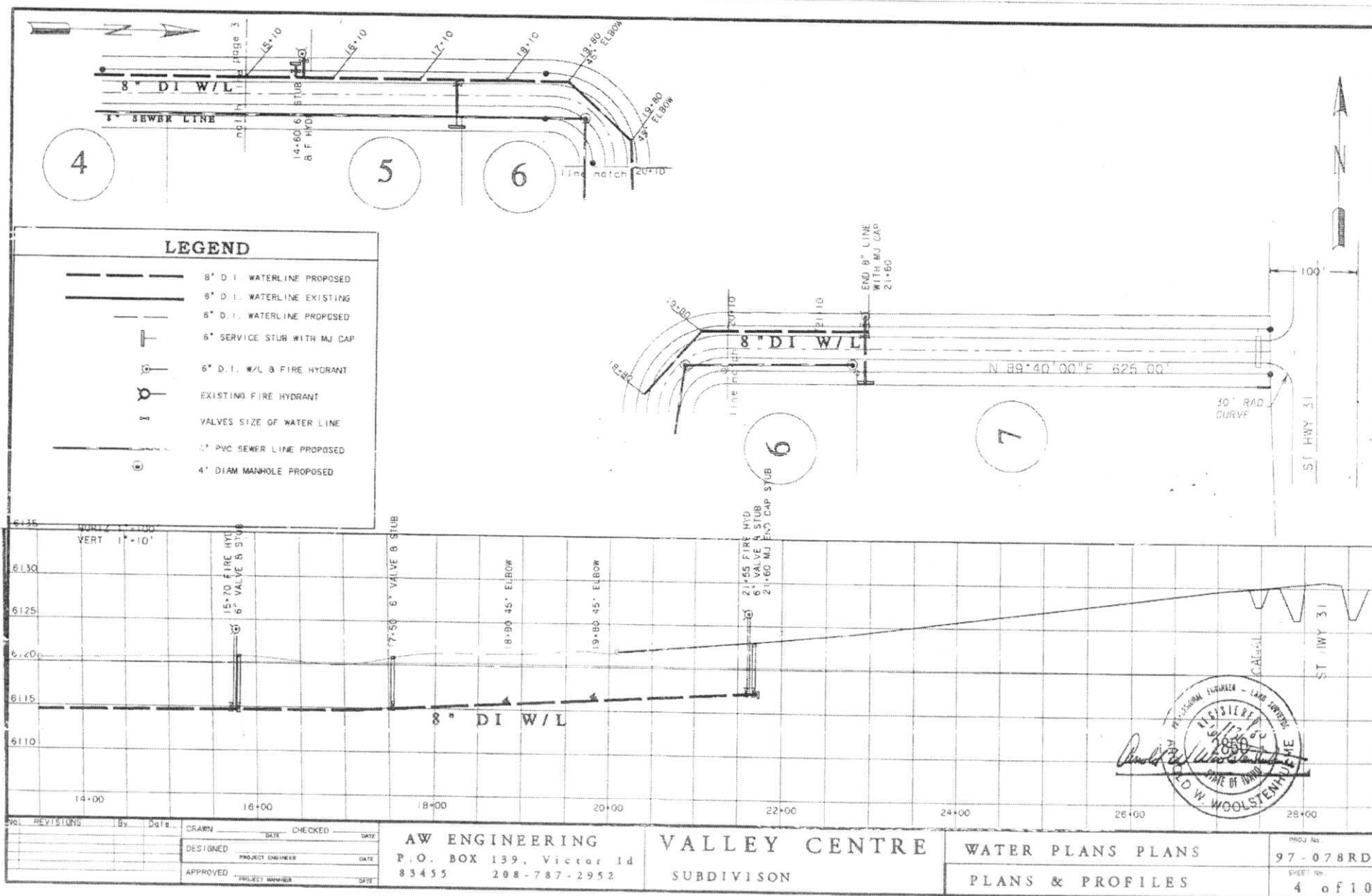
CURVE	DELTA ANGLE	RADIUS	ARC	TANGENT	CHORD	CHORD BEARING
C 1	89°55'56"	128.13	197.64'	128.97'	178.72'	N 45°17'58"W
C 2	90°00'07"	75.00	119.36'	78.00'	107.48'	N 44°35'57"E

VALLEY CENTRE - RESID-COMM SUB

A PART OF THE # 1/2 SECTION 25, TWP. 5N.,
R9W. 45E., 8 M., TETON COUNTY, IDAHO

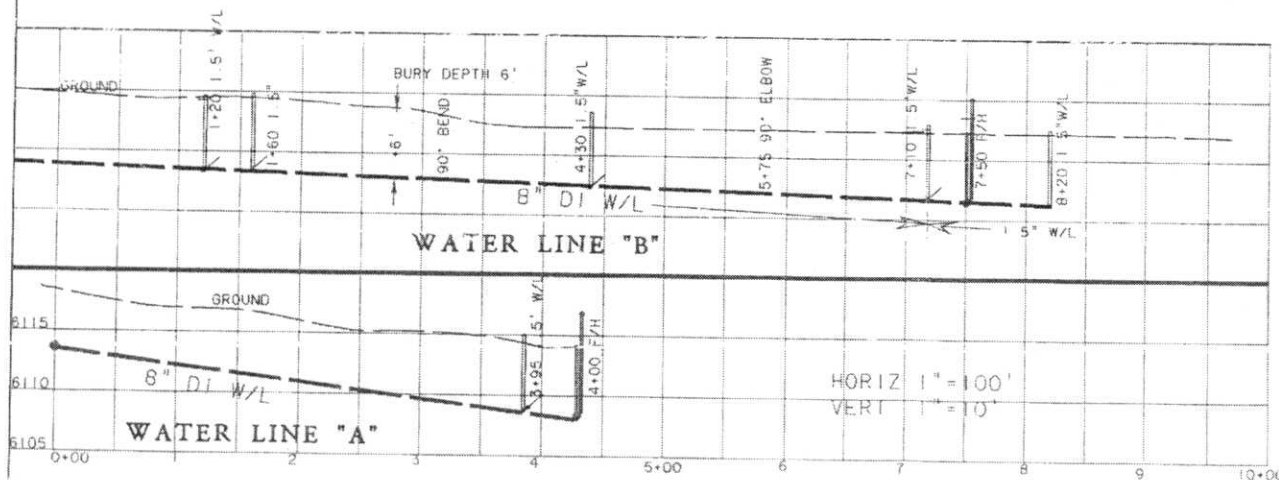
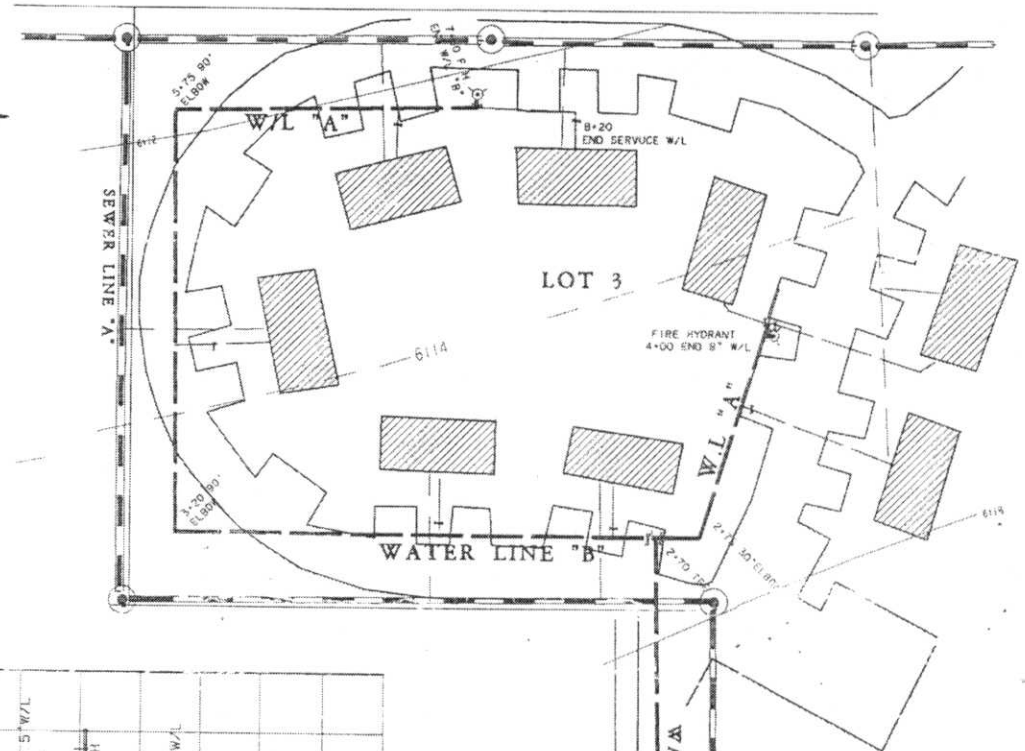
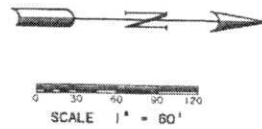
DATE: 10/22/99	PROJECT: 97-0780	ENGINEER: A.W. ENGINEERING	DRAWN: Peter Estay	PROJ: 97-0780
SURVEYED: CC 1999	VALCENTZ 000	SURVEYOR: P.O. BOX 139 WICCA, IDAHO 83455 208-787-1982	DEVELOPER: Peter Estay P.O. BOX 545 OP1005, ID 83422	DATE: 10/22/99



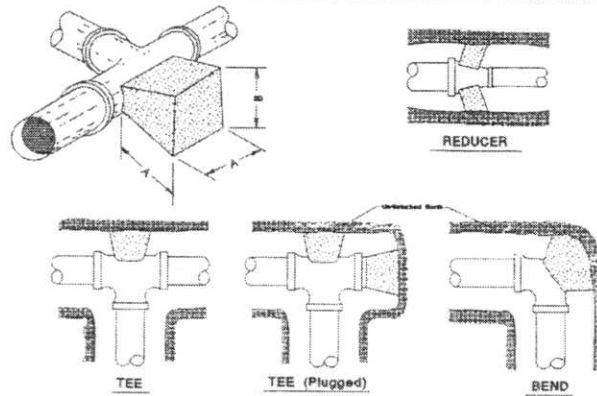


LEGEND

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



No. REVISIONS		By	Date	DRAWN		DATE	CHECKED	DATE	AW ENGINEERING		VALLEY CENTRE		LOT 3 WATER LINE PLANS		PROJ. No 97-078	
				DESIGNED					P.O. BOX 139, Victor Idaho							
				PROJECT ENGINEER					83455 208-787-2952		SUBDIVISION		PLAN AND PROFILE		SHEET No 5 of 10	
				APPROVED												
				PROJECT MANAGER												

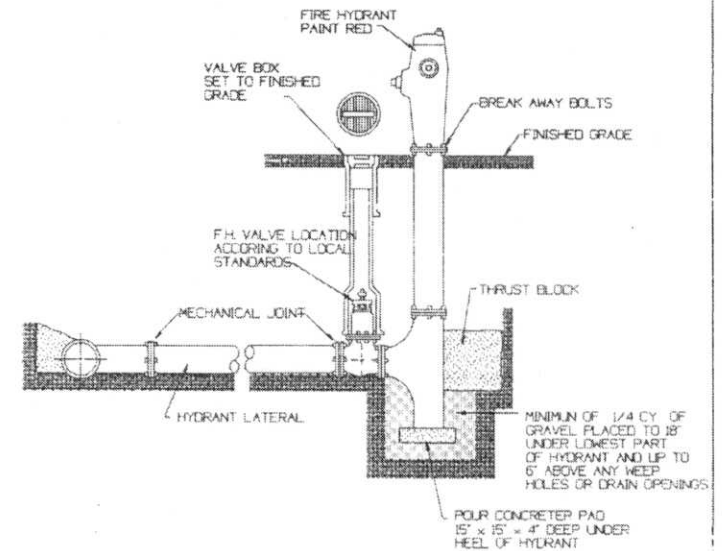


DIMENSION FOR THRUST BLOCKING						
FITTING SIZES	TEES AND PLUGS		90° BEND		45° BEND AND WYES	
	A	B	A	B	A	B
1"	1' - 2"	1' - 2"	1' - 2"	1' - 2"	1' - 2"	0' - 10"
1 1/2"	2' - 0"	1' - 11"	2' - 0"	2' - 0"	1' - 10"	1' - 7"
2"	2' - 8"	2' - 6"	3' - 2"	3' - 0"	2' - 5"	2' - 1"
3"	3' - 4"	3' - 3"	4' - 0"	3' - 10"	3' - 0"	2' - 9"

NOTE: THIS TABLE IS BASED ON 150 PSI MAIN PRESSURE AND 100 PSI SOIL BEARING PRESSURE.
SEAL ALL FITTINGS WITH POLYETHYLENE.

IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

THRUST BLOCKS FOR WATER MAINS

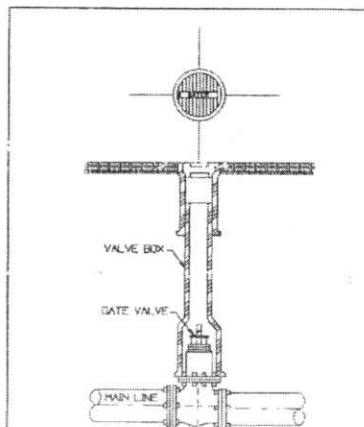


WHEN AND WHERE REQUIRED

IDAHO STANDARDS FOR
PUBLIC WORKS CONSTRUCTION

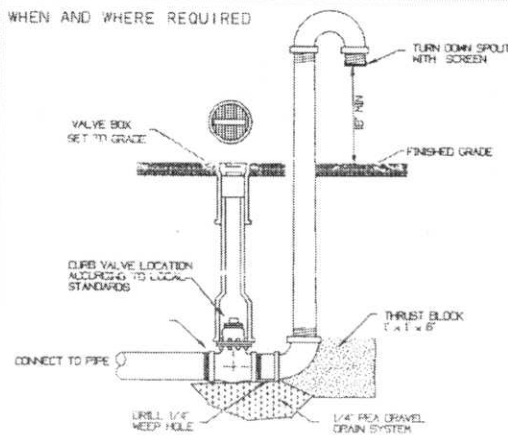
FIRE HYDRANT DETAIL

STANDARD DRAWING NO. 30-491



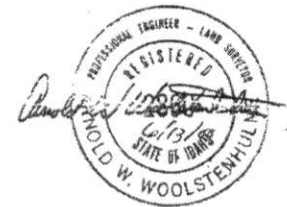
VALVE AND VALVE BOX DETAIL

WHEN AND WHERE REQUIRED



FLUSH HYDRANT DETAIL

STANDARD DRAWING NO. 30-491



WATER SYSTEM DETAILS FOR:			
WATER SYSTEM TYPICALS			
OWNER/DEVELOPER:		AW ENGINEERING	
VALLEY CENTRE		P.O. BOX 139	
DR1000 AREA, TETON CO., IDAHO		VICTOR, IDAHO 83455	
		(208) 787-2952	
DRAWN	AWW	10/20/99	PROJECT 97-07BRO / NATYP1
			Sheet TYP 6 of 10

SERVICE CONNECTIONS BY FORD 202,
BRONZE DOUBLE STRAP,
300 PSI SADDLE OR EQUAL

MUELLER MARK 11 (15) SEAL
OR EQUAL CURB VALVE

TO CITY LINE

VALVE BOX

1" OUTSIDE
EASEMENT LINE
EASEMENT
LINE

18"

5'-0"

54"

4" METER BOX

GL UNION

SET METER BOX ON (3) EA
HALF BRICKS

FORD KV-15 3/2 W
ANGLE VALVE

CAST LID & COVER
OLYMPIC FOUNDARY MTU 9020

2" x 20" RMI EXTENSION PIPE

2" x 20" RAD INSULATION FORM PAD

SENSUS SR11 REMOTE READING METER
5/8" x 1/4"

SENSUS MXU1 B BRACKET
CHECK VALVE
FORD HA 3H-325

GALV TEE B PL100

FORD 95 SERIES BOLTED CLAMP CONSTRUCTION
ON BRACE

5/4" GALVANIZED PIPE

CONDUCTIVE UNION

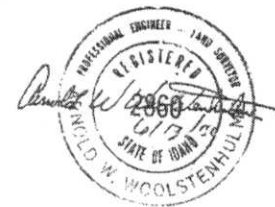
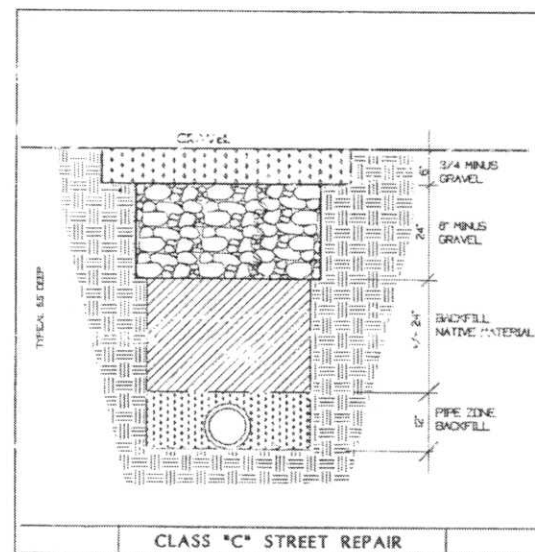
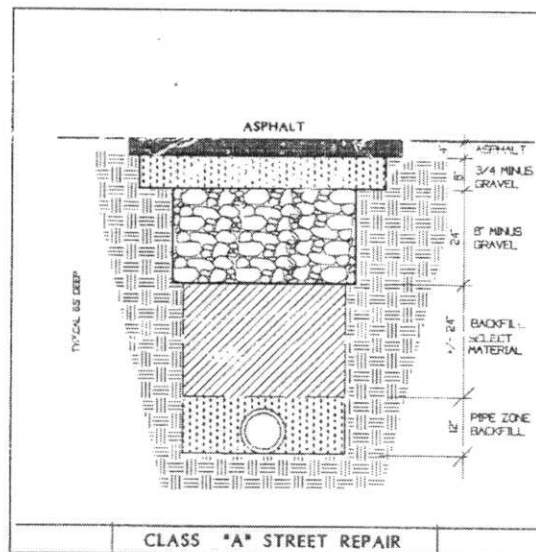
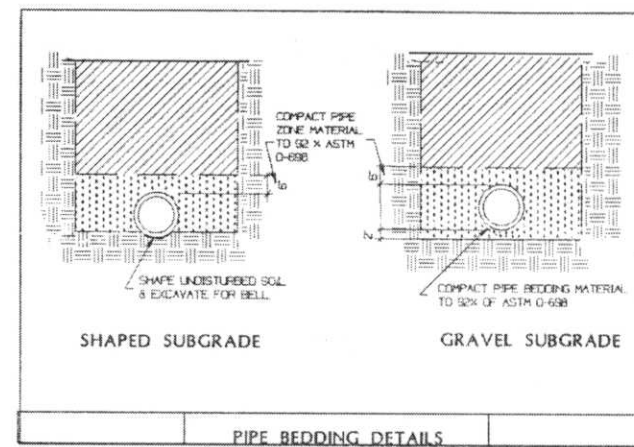
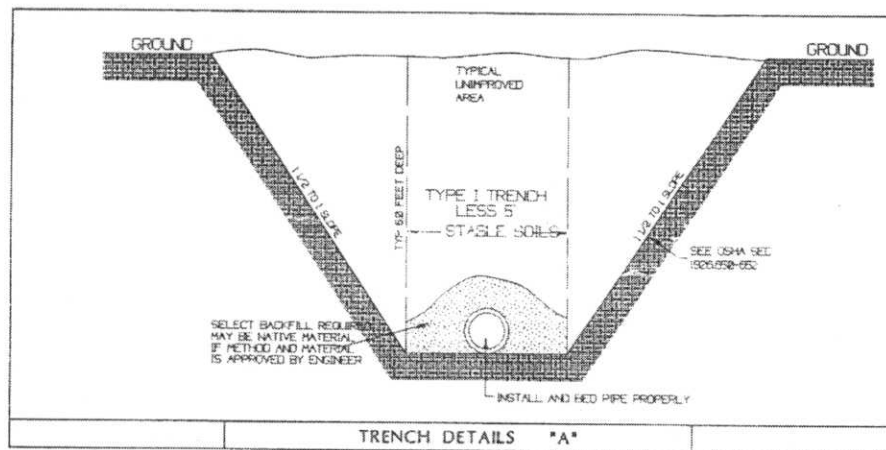
NEW SERVICE LINE

TO HOUSE



STANDARD WATER METER BOX

WATER SYSTEM DETAILS FOR:			
Driggs WATER METER TYPICAL			
OWNER/DEVELOPER		AW ENGINEERING	
VALLEY CENTRE		P O BOX 119	
DRIGGS AREA, TETON CO., IDAHO		VICTOR, IDAHO 83455	
		(208) 787-2952	
DRAWN	AWW	10/25/99	PROJECT 97-078RD / WATYP2
			Sheet TYP 7 of 10



No.	REVISIONS	By	Date	DRAWN _____ DATE _____	CHECKED _____ DATE _____
				DESIGNED _____	PROJECT ENGINEER _____ DATE _____
				APPROVED _____	PROJECT MANAGER _____ DATE _____

AW ENGINEERING
P.O. BOX 139, Victor Idaho
83455 208-787-2952

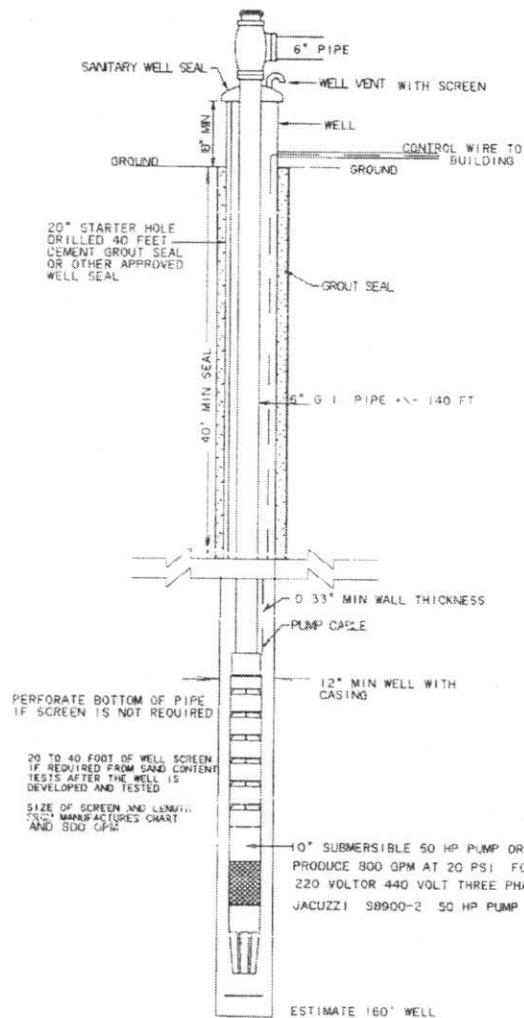
VALLEY CENTRE
SUBDIVISION

LOT 3 WATER LINE PLANS

PLAN AND PROFILE

PROJ No
97-078

SHEET No
8 of 1



PUBLIC WELL DETAIL

PLUMBING ITEM

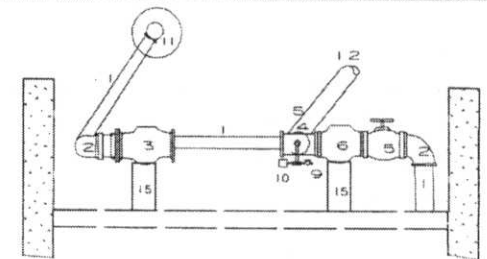
1. 6" O.I. WATERLINE
2. 6" ELBOW D.I.
3. 6" CHECK VALVE
4. 6" TEE
5. 6" GATE VALVE
6. 6" WATER METER
7. 3/4" GATE VALVE
8. 3/4" TEE
9. 3/4" WATER SPIGOT
10. PRESSURE TRANSDUCER CONTROL SWITCH 50 PSI TO 50 PSI
11. 16" NEW PUBLIC WELL
12. 6" DRAIN TO WASTE LINE
13. 6" x 8" REDUCER
14. 6" WATER TRUNKLINE
15. SUPPORT PIPE

ELECTRICAL ITEM

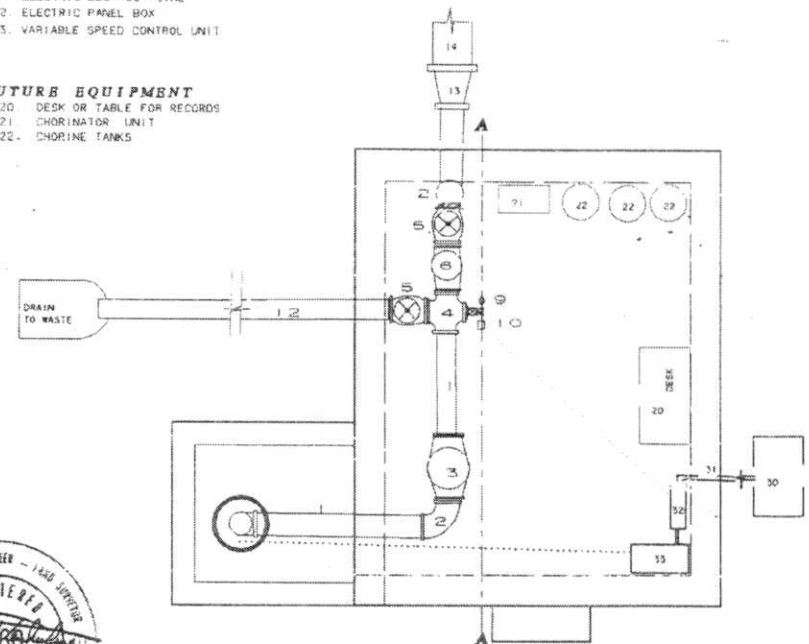
30. POWER TRANSFORMER
31. ELECTRIC 220 VOLT LINE
32. ELECTRIC PANEL BOX
33. VARIABLE SPEED CONTROL UNIT

FUTURE EQUIPMENT

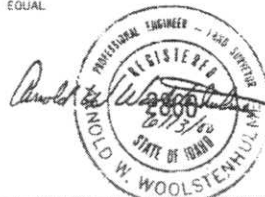
20. DESK OR TABLE FOR RECORDS
21. CHLORINATOR UNIT
22. CHLORINE TANKS



**PLAN VIEW - PLUMBING
SECTION A-A**



PLAN VIEW BUILDING PLUMBING

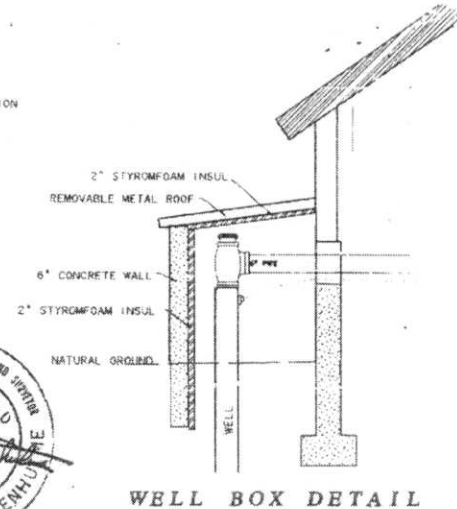
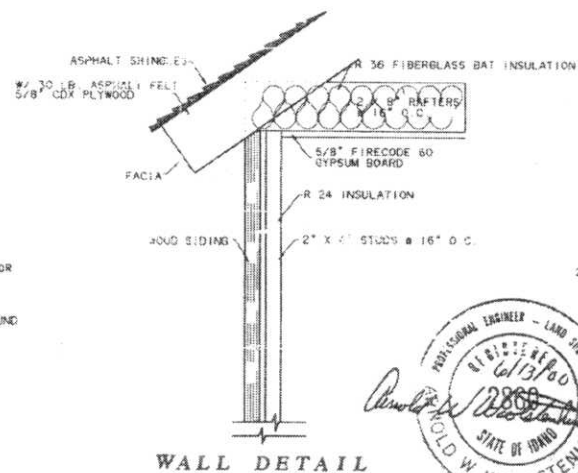
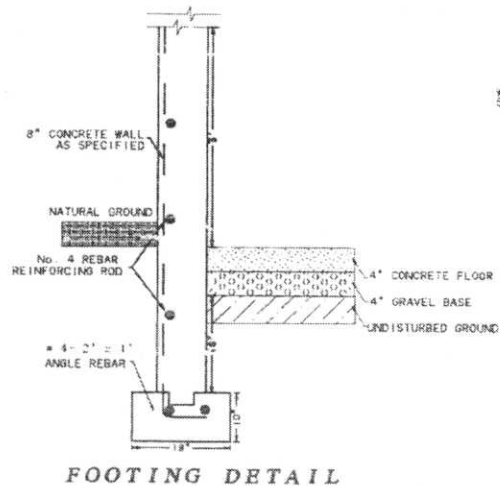
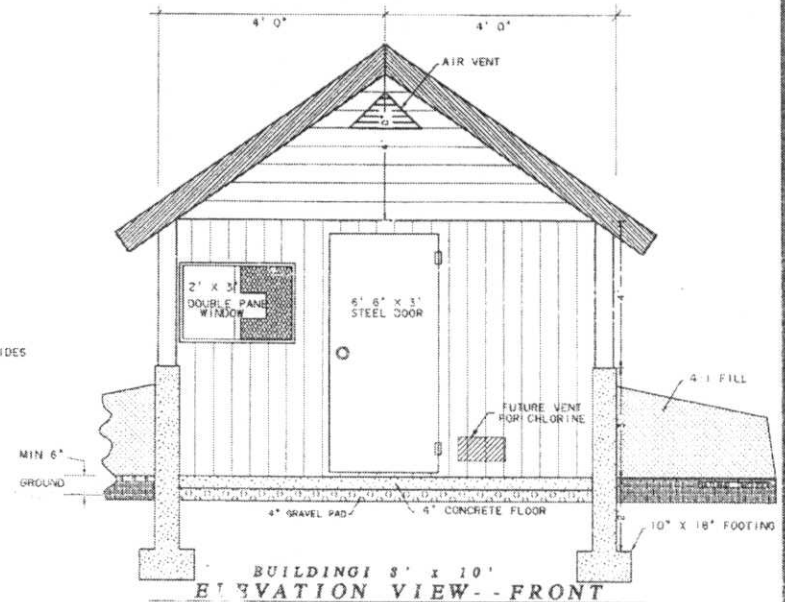
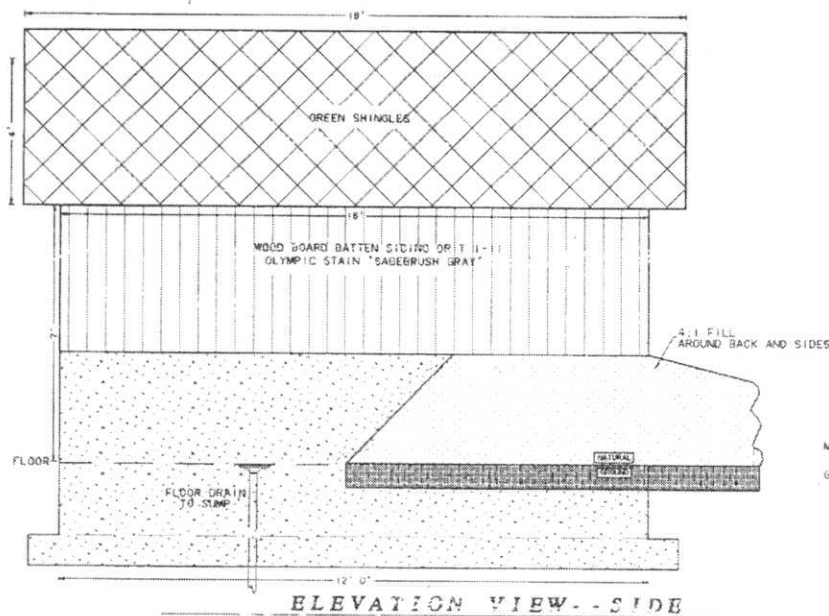


AW ENGINEERING

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

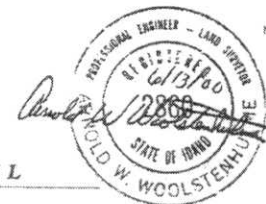
**WELL AND CONTROL SYSTEM
VALLEY CENTRE SUBDIVISION**

PROJECT 97-018 WELLS SHEET 9 OF 10



AW ENGINEERING

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



WELL CONTROL BUILDING

VALLEY CENTRE

SHEET 10 OF 10