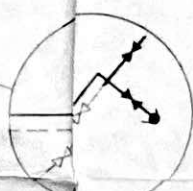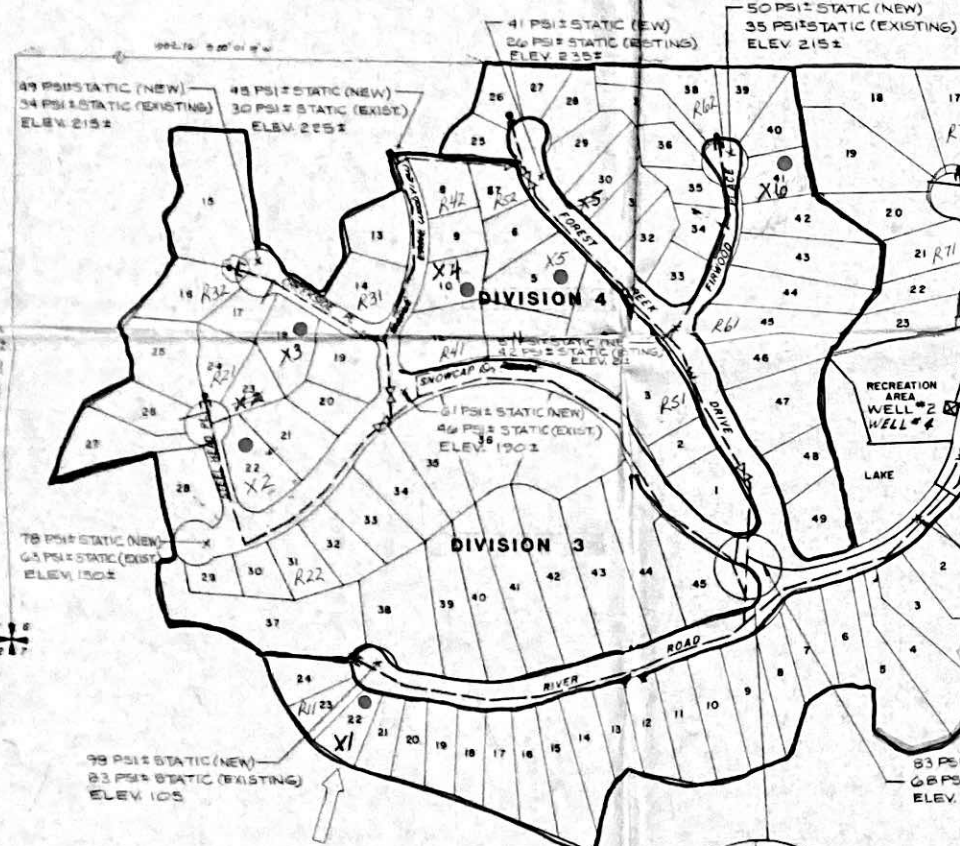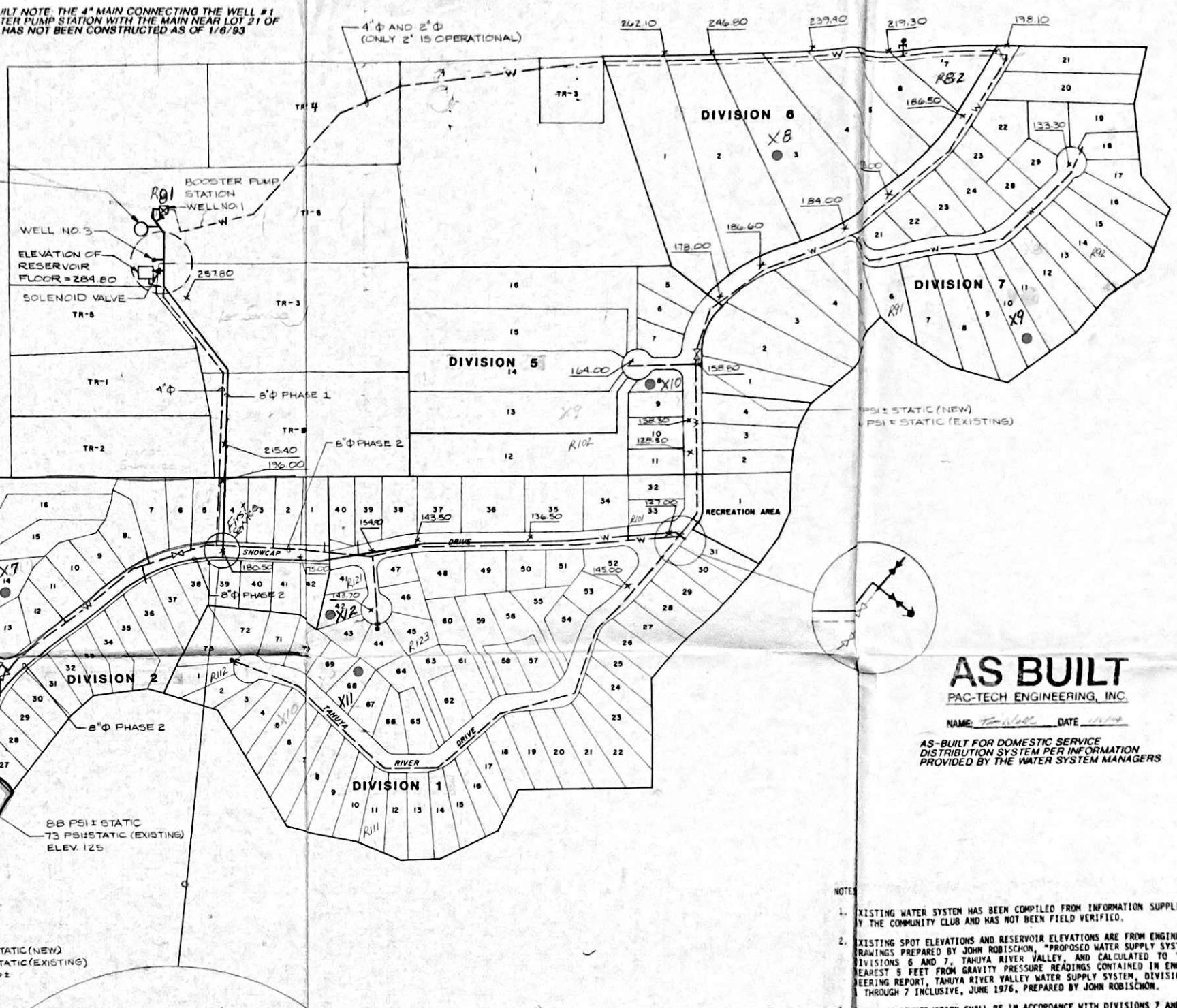AS-BUILT NOTE: THE 4" MAIN CONNECTING THE WELL #1 BOOSTER PUMP STATION WITH THE MAIN NEAR LOT 21 OF DIV. 7 HAS NOT BEEN CONSTRUCTED AS OF 1/6/93

VICINITY MAP
NO SCALE

SITE

CANAL

4" Φ AND 2" Φ
(ONLY 2" IS OPERATIONAL)

262.10   246.80   239.40   219.30   198.10

NEW 94,000 GALLON STORAGE TANK
(20'Φ x 40' HIGH, MT. BAKER SILO)
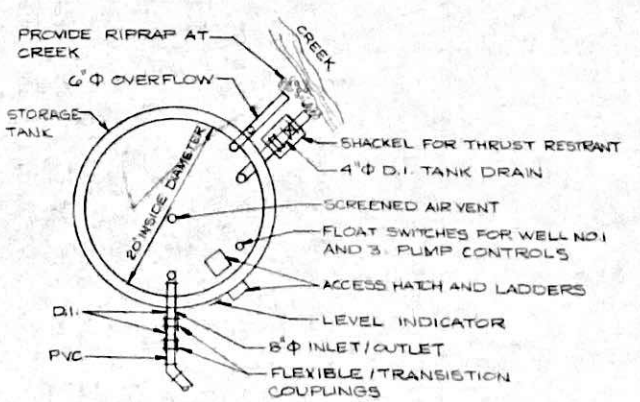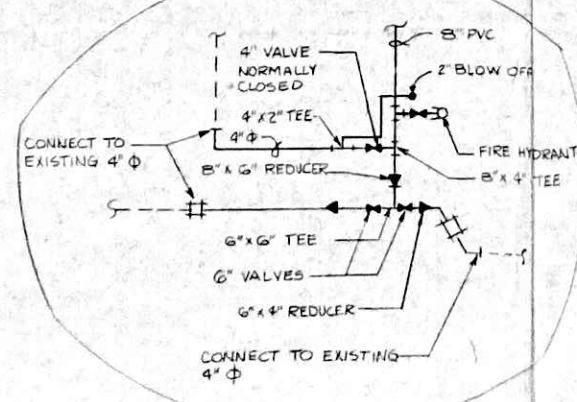BASE ELEVATION 292.0± , OVERFLOW 331± (SEE STORAGE TANK DETAIL)

BOOSTER PUMP STATION WELL NO. 1

WELL NO. 3
ELEVATION OF RESERVOIR FLOOR = 284.80
SOLENOID VALVE

257.80

DIVISION 6
X8

DIVISION 7
X9

DIVISION 5

186.60
184.00
178.00
164.00
158.80
152.30
128.80

X10

DIVISION 4
DIVISION 2
DIVISION 3
DIVISION 1

RECREATION AREA
WELL #2
WELL #4
LAKE

SNOWCAP
180.50
155.00
154.10
143.70
143.50
136.50
127.00
145.00

RECREATION AREA

DRIVE

X7
X6
X5
X4
X3
X2
X1
X11
X12

50 PSI± STATIC (NEW)
35 PSI± STATIC (EXISTING)
ELEV. 215±

41 PSI± STATIC (NEW)
26 PSI± STATIC (EXISTING)
ELEV. 235±

49 PSI± STATIC (NEW)
34 PSI± STATIC (EXISTING)
ELEV. 215±

48 PSI± STATIC (NEW)
30 PSI± STATIC (EXIST.)
ELEV. 225±

51 PSI± STATIC (NEW)
46 PSI± STATIC (EXIST.)
ELEV. 190±

78 PSI± STATIC (NEW)
63 PSI± STATIC (EXIST.)
ELEV. 150±

79 PSI± STATIC (NEW)
83 PSI± STATIC (EXISTING)
ELEV. 105±

83 PSI± STATIC (NEW)
68 PSI± STATIC (EXISTING)
ELEV. 140±

88 PSI± STATIC (NEW)
73 PSI± STATIC (EXISTING)
ELEV. 125

PSI± STATIC (NEW)
PSI± STATIC (EXISTING)

4" Φ
6" Φ PHASE 1
6" Φ PHASE 2
8" Φ PHASE 2
215.40
196.00

STORAGE TANK DETAIL (94,000 GALLON)
N.T.S.

8" PVC
2" BLOW OFF
4" VALVE NORMALLY CLOSED
4" Φ
4" x 2" TEE
8" x 6" REDUCER
FIRE HYDRANT
8" x 4" TEE
6" x 6" TEE
6" VALVES
6" x 4" REDUCER
CONNECT TO EXISTING 4" Φ
FLEXIBLE / TRANSITION COUPLINGS

PROVIDE RIPRAP AT CREEK
CREEK
6" Φ OVERFLOW
STORAGE TANK
SHACKEL FOR THRUST RESTRAINT
4" D.I. TANK DRAIN
SCREENED AIR VENT
FLOAT SWITCHES FOR WELL NO. 1 AND 3. PUMP CONTROLS
ACCESS HATCH AND LADDERS
LEVEL INDICATOR
8" Φ INLET / OUTLET
POLYINSIDE DIAMETER
D.I.
PVC

NOTES:

1. EXISTING WATER SYSTEM HAS BEEN COMPILED FROM INFORMATION SUPPLIED BY THE COMMUNITY CLUB AND HAS NOT BEEN FIELD VERIFIED.

2. EXISTING SPOT ELEVATIONS AND RESERVOIR ELEVATIONS ARE FROM ENGINEER DRAWINGS PREPARED BY JOHN ROBISCHON, "PROPOSED WATER SUPPLY SYSTEM DIVISIONS 6 AND 7, TAHUYA RIVER VALLEY, AND CALCULATED TO THE NEAREST 5 FEET FROM GRAVITY PRESSURE READINGS CONTAINED IN ENGINEERING REPORT, TAHUYA RIVER VALLEY WATER SUPPLY SYSTEM, DIVISIONS THROUGH 7 INCLUSIVE, JUNE 1976, PREPARED BY JOHN ROBISCHON.

3. PIPELINE CONSTRUCTION SHALL BE IN ACCORDANCE WITH DIVISIONS 7 AND 9 AND STANDARD PLANS, 1984 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, WSDOT/APWA.

4. PIPE MATERIAL FOR PVC PIPE SHALL BE PRESSURE CLASS 200 ASTM D2241.

5. BLOWOFF ASSEMBLIES SHALL BE INSTALLED AT ALL LOW POINTS.

6. MANUAL AIR RELEASE VALVES SHALL BE INSTALLED AT ALL HIGH POINTS.

7. PRESSURE TESTING AND DISINFECTION OF MAINS SHALL BE IN ACCORDANCE WITH DIVISION 7 OF THE ABOVE REFERENCED SPECIFICATION.

8. STORAGE TANK CONSTRUCTION, TESTING AND DISINFECTION SHALL BE THE STANDARDS OF MT. BAKER SILO, INC.

AS BUILT
PAC-TECH ENGINEERING, INC.

NAME: _____ DATE: _____

AS-BUILT FOR DOMESTIC SERVICE DISTRIBUTION SYSTEM PER INFORMATION PROVIDED BY THE WATER SYSTEM MANAGERS