

200 GPM
= 150 GPM

TER, DRIP MAIN.

TER, DRIP SUBMAIN WITH
WING RISER LOCATION,

X 4U PLANET PRV SET AS

5" PLANET PRV SET AS

NETAFIM 2" AIR VENT &
PRESSURE GAUGE

NETAFIM PC EMITTER PER

T22F90 2.2 GPH X 20#
IN SEPERATE DRIP HOSE

FOR MICRO FROST HEAD
ROWS

PRV AT 65 PSI AT

WATER SUPPLY = 200 GPM

WATER SUPPLY, BASED ON ~45 AC
@ 80 PSI.

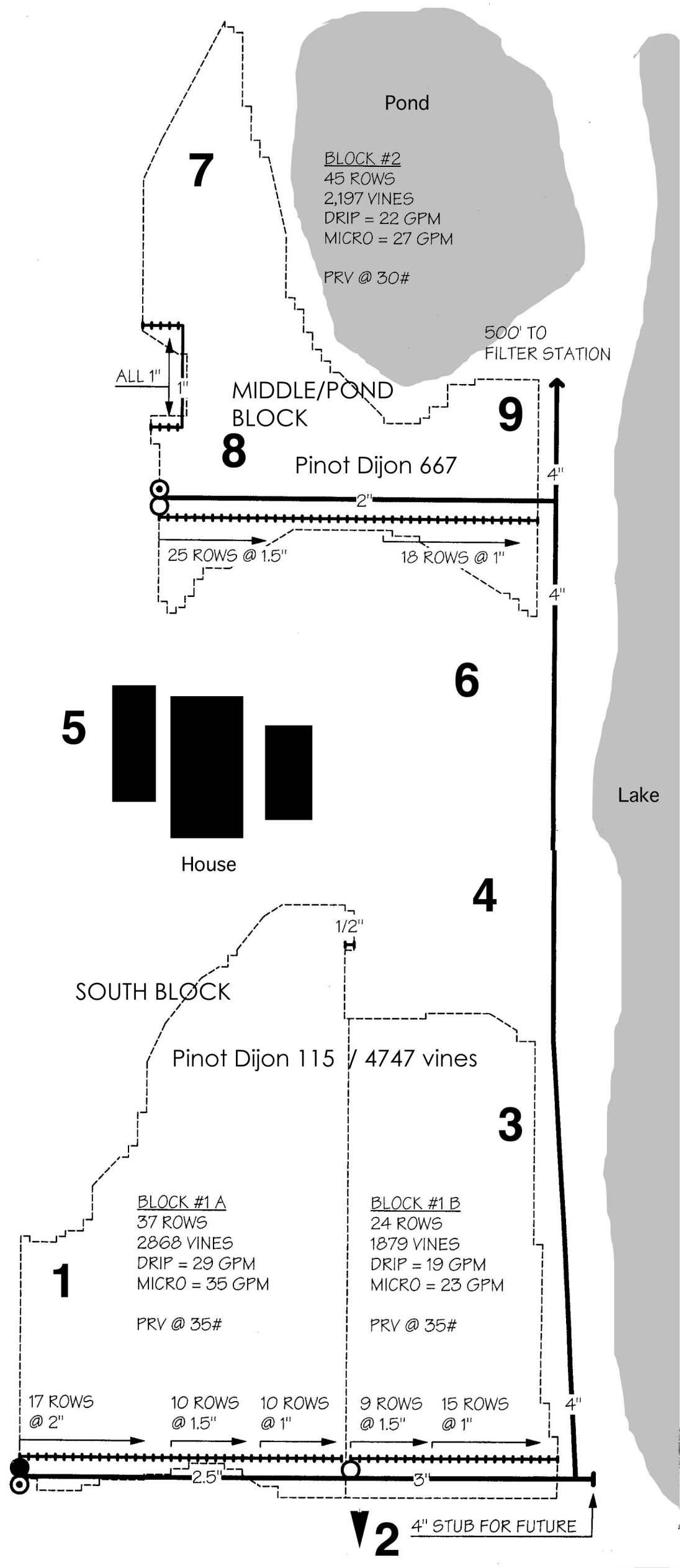
WATER AS SUPPLY, TO BE

TO BE SCHEDULE 40 PVC.

USE 1" PVC BALL VALVE

USE WING RISER TO ALLOW

INSTALL PRESSURE GAUGE AFTER THEM TO
SURE



Lake

Pond

7

BLOCK #2
45 ROWS
2,197 VINES
DRIP = 22 GPM
MICRO = 27 GPM
PRV @ 30#

500' TO
FILTER STATION

ALL 1"

MIDDLE/POND
BLOCK

9

8

Pinot Dijon 667

4"

25 ROWS @ 1.5"

18 ROWS @ 1"

4"

6

5



House

4

SOUTH BLOCK

Pinot Dijon 115 / 4747 vines

3

1

BLOCK #1 A
37 ROWS
2868 VINES
DRIP = 29 GPM
MICRO = 35 GPM
PRV @ 35#

BLOCK #1 B
24 ROWS
1879 VINES
DRIP = 19 GPM
MICRO = 23 GPM
PRV @ 35#

17 ROWS
@ 2"

10 ROWS
@ 1.5"

10 ROWS
@ 1"

9 ROWS
@ 1.5"

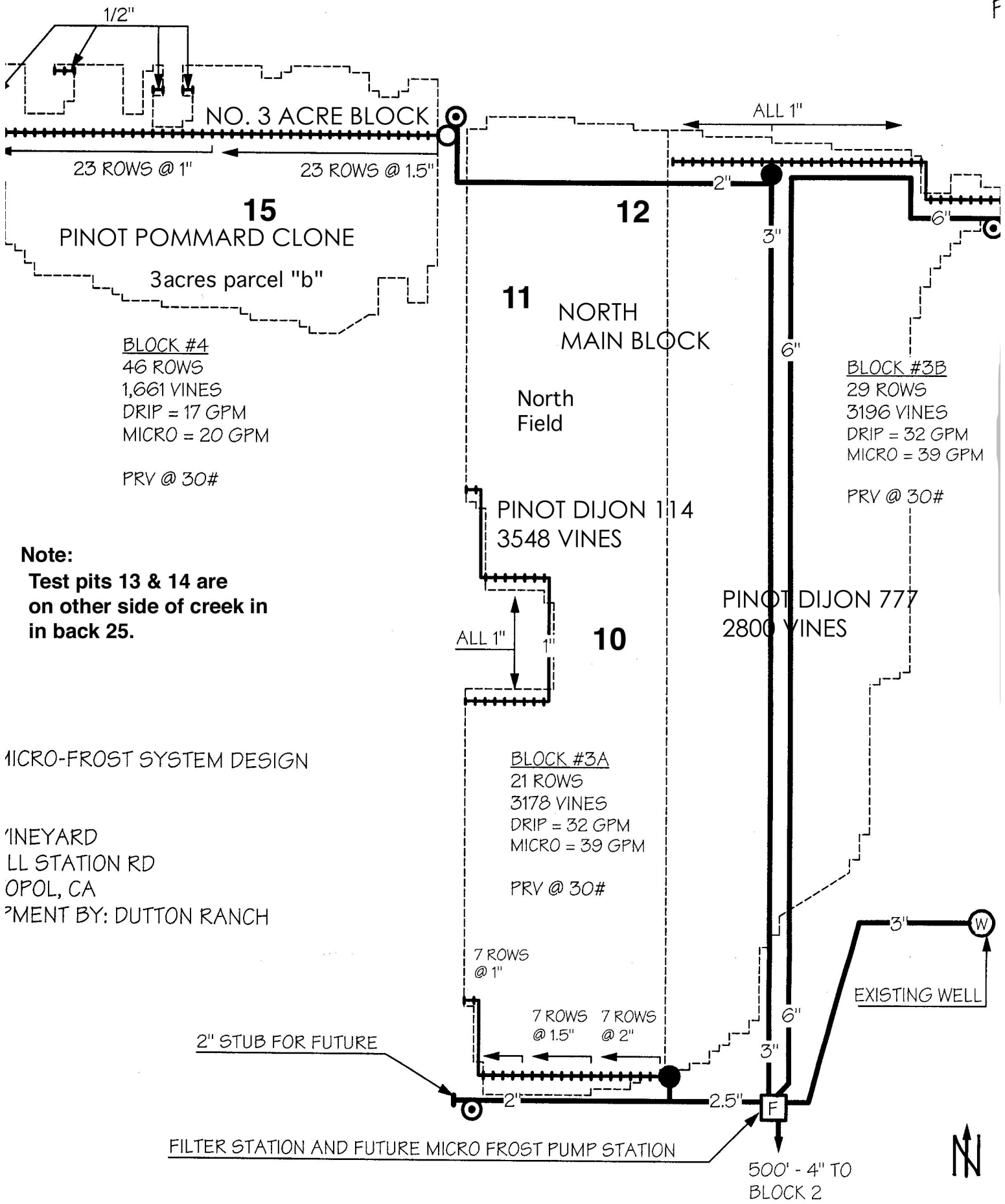
15 ROWS
@ 1"

4"

2.5"

3"

4" STUB FOR FUTURE



Note:
 Test pits 13 & 14 are
 on other side of creek in
 in back 25.

MICRO-FROST SYSTEM DESIGN
 VINEYARD
 LL STATION RD
 OPOL, CA
 PROJECT BY: DUTTON RANCH

