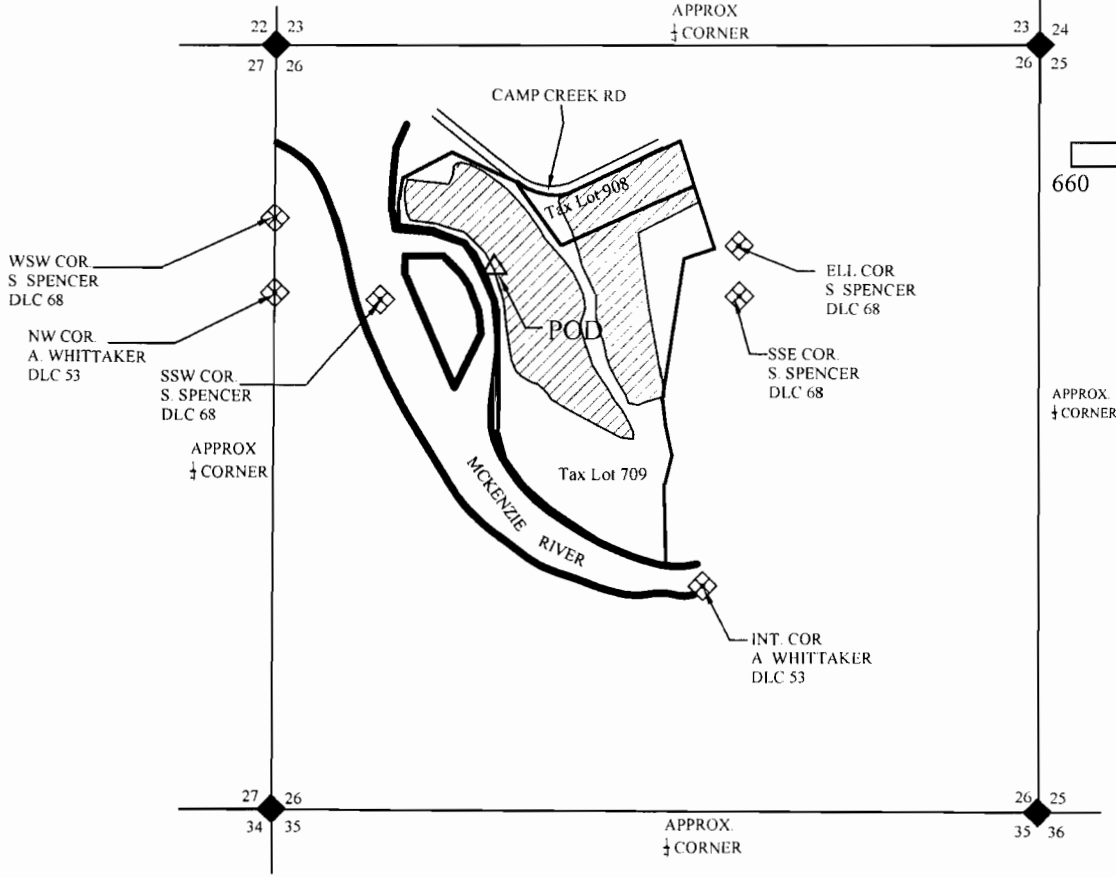
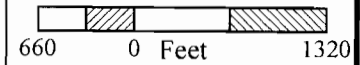
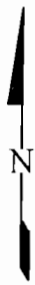


CURRENT WATER RIGHT
T17S., R2W., W.M. SECTION 26
WATER RIGHT TRANSFER APPLICATION, PERMIT #23994
TAX LOTS 708 AND 709
MAPS 170226
LANE COUNTY, OREGON
JUNE 28, 2007



BASE MAPPING BY LANE COUNTY TAX MAPS 17-02-26. THIS MAP HAS BEEN PREPARED FOR THE SOLE PURPOSE OF IDENTIFYING THE REQUESTED WATER RIGHT LOCATION. THERE IS NO INTENT TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES.

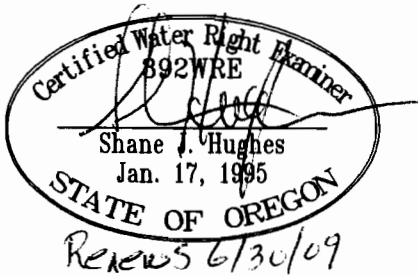
AREA OF USE			
SECTION	1/4	1/4	AREA (AC)
29	NW	NE	3.4
	SW	NE	0.2
	NE	NW	8.6
	NW	NW	3.0
	SE	NW	9.8
	SE	NW	15.2
	SE	NW	0.4
TOTAL			40.6

LEGEND

- SECTION LINE
- 1/4 SECTION LINE
- ◆ SECTION CORNER
- ◇ DLC CORNER
- △ APPROXIMATE LOCATION OF EXISTING DIVERSION POINT = 580' EAST OF DLC 68

RECEIVED
 JUN 28 2007

PLANNING & ENGINEERING
 1000 1/2 ST



EGR & Associates, Inc.

Engineers, Geologists, and Surveyors

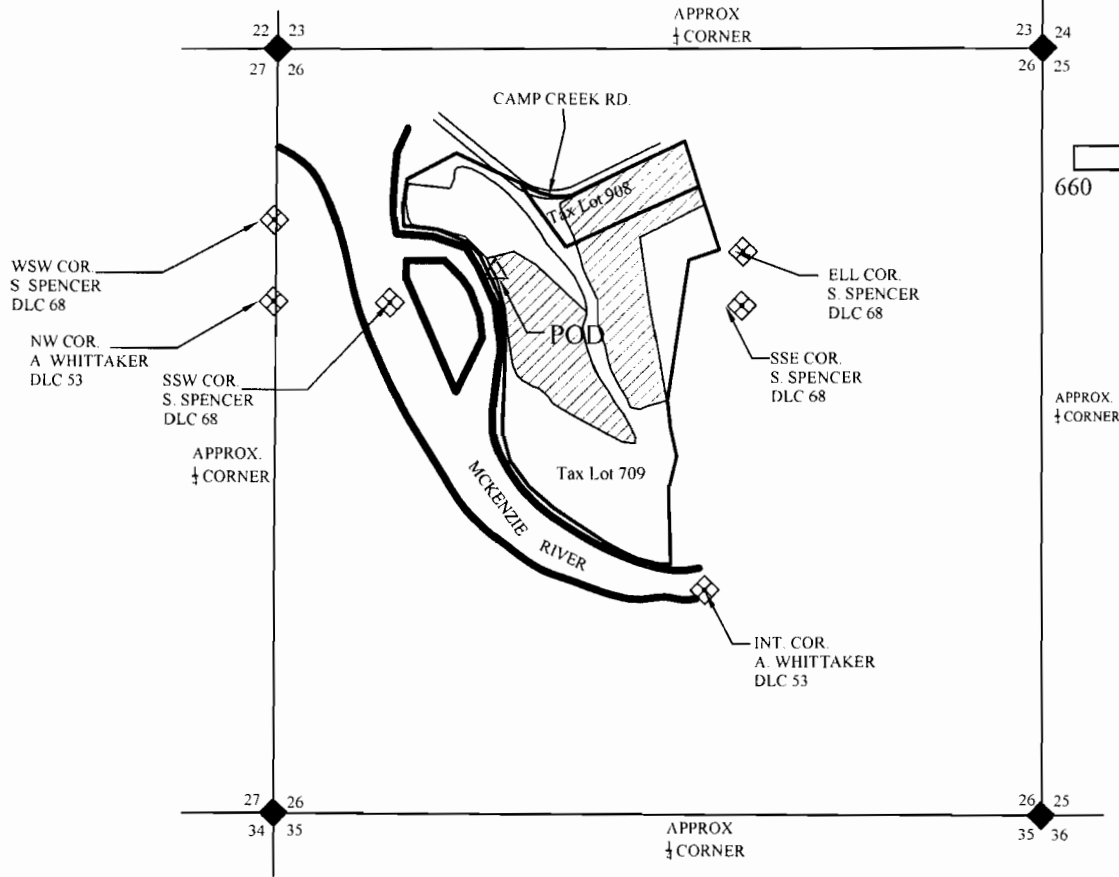
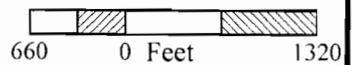
2535B Prairie Road
 Eugene, Oregon 97402

(541) 688-8322
 Fax (541) 688-8087

G:\540-Hamaker\0-0017-0202\24-1-RRP\170226\17-02-26-07-01-1-WTR-KodJ1

T 10459

PROPOSED UPDATED WATER RIGHT
T17S., R2W., W.M. SECTION 26
WATER RIGHT TRANSFER APPLICATION, PERMIT #23994
TAX LOTS 708 AND 709
MAPS 170226
LANE COUNTY, OREGON
JUNE 28, 2007



BASE MAPPING BY LANE COUNTY TAX MAPS 17-02-26. THIS MAP HAS BEEN PREPARED FOR THE SOLE PURPOSE OF IDENTIFYING THE REQUESTED WATER RIGHT LOCATION. THERE IS NO INTENT TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES.

AREA OF USE			
SECTION	1/4	1/4	AREA (AC)
29	NW	NE	3.4
	SW	NE	0.2
	NE	NW	1.6
	NW	NW	0
	SE	NW	9.8
	SE	NW	15.2
	SE	NW	0.4
TOTAL			30.6

- LEGEND**
- SECTION LINE
 - 1/4 SECTION LINE
 - ◆ SECTION CORNER
 - ◇ DLC CORNER
 - △ APPROXIMATE LOCATION OF EXISTING DIVERSION POINT = 580' EAST OF DLC 68

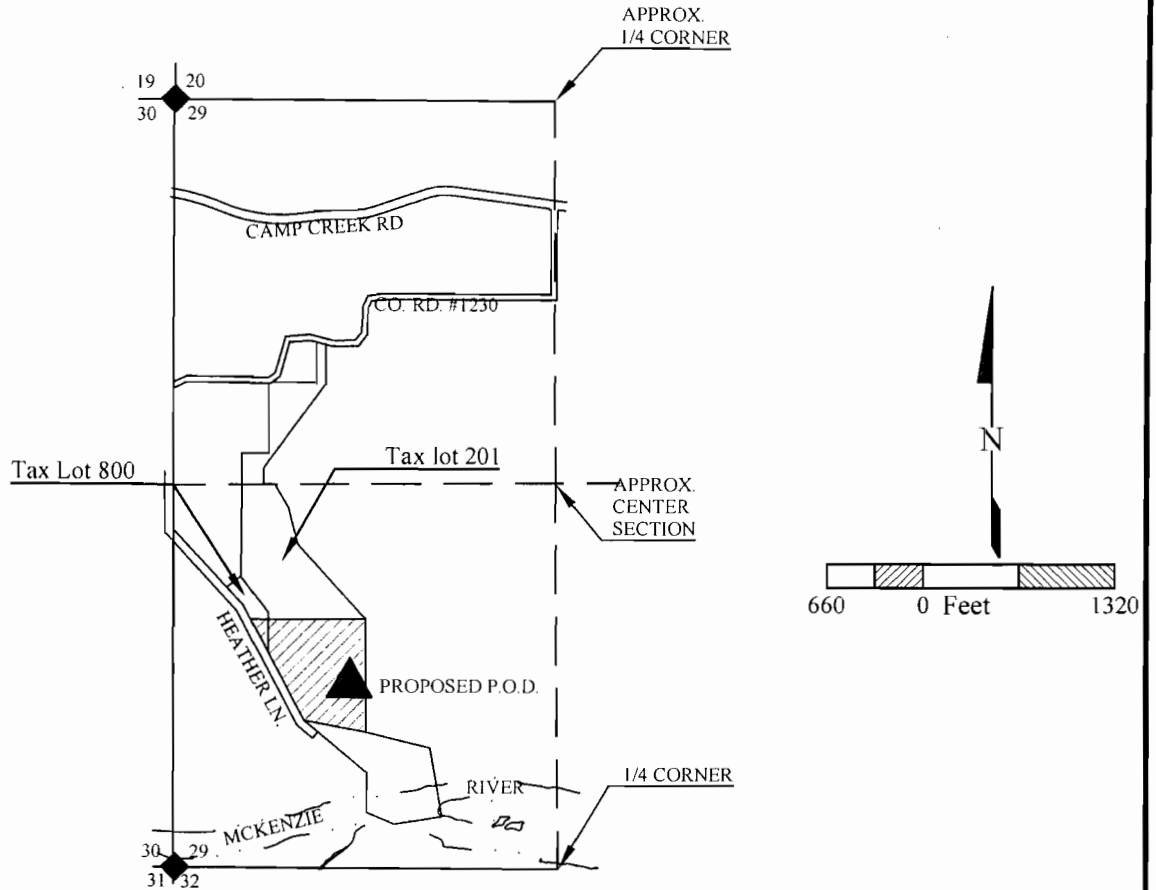
RECEIVED
 AUG 6 2007

Shane J. Hughes
 Jan. 17, 1995
 STATE OF OREGON
Renews 6/30/09

EGR & Associates, Inc.
 Engineers, Geologists, and Surveyors

2535B Prairie Road
 Eugene, Oregon 97402
 (541) 688-8322
 Fax (541) 688-8087

PROPOSED WATER RIGHT
T17S., R1W., W.M.
SECTION 29
WATER RIGHT TRANSFER APPLICATION, PERMIT #23994
TAX LOTS 201 AND 800
MAPS 1701293 AND 1701292
LANE COUNTY, OREGON
JUNE 28, 2007



BASE MAPPING BY LANE COUNTY TAX MAPS 1701292 AND 1701293. THIS MAP HAS BEEN PREPARED FOR THE SOLE PURPOSE OF IDENTIFYING THE REQUESTED WATER RIGHT LOCATION. THERE IS NO INTENT TO PROVIDE DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES.

AREA OF USE			
SECTION	1/4	1/4	AREA (AC)
29	NW	SW	6.4
	SW	SW	3.6
TOTAL			10.00

LEGEND

- SECTION LINE
- - - 1/4 SECTION LINE
- ◆ SECTION CORNER
- ▲ APPROXIMATE LOCATION OF PROPOSED DIVERSION POINTS AND PUMP SYSTEM = 1,201' EAST, 1,190' NORTH OF SW SECTION CORNER



Renews 6/30/09



EGR & Associates, Inc.
Engineers, Geologists, and Surveyors

2535B Prairie Road
Eugene, Oregon 97402

(541) 688-8322
Fax (541) 688-8087

K-line "Leader" will install here

1 1/2" x 90 deg Galv. Elbow # GAEL900170

1 1/2" x 3" Galv. nipple
#GANI901233

1 1/2" fipt x 1 1/2" Alum.male Camlock
(A) # KLINE02200

1 1/2" mipt x 1 1/2" Alum.female Camlock
(B) # KLINE02275

Field Level

10" Round valve box # PVBO001000

1 1/2" Brass Gate Valve # VAGA900000

K-LINE Male Coupling
(1 1/2"mipt x 40mm comp. # KLINE02100

K-Line Poly Pipe (40mm) # KLINE01400

K-LINE Male Coupling
(1 1/2"mipt x 40mm comp.) # KLINE02100

4" Romac Saddle 101S w/ 1 1/2" fipt
FISA100400
(or)

3" Romac Saddle 202S w/ 1 1/2" fipt
FISA200300
(or)

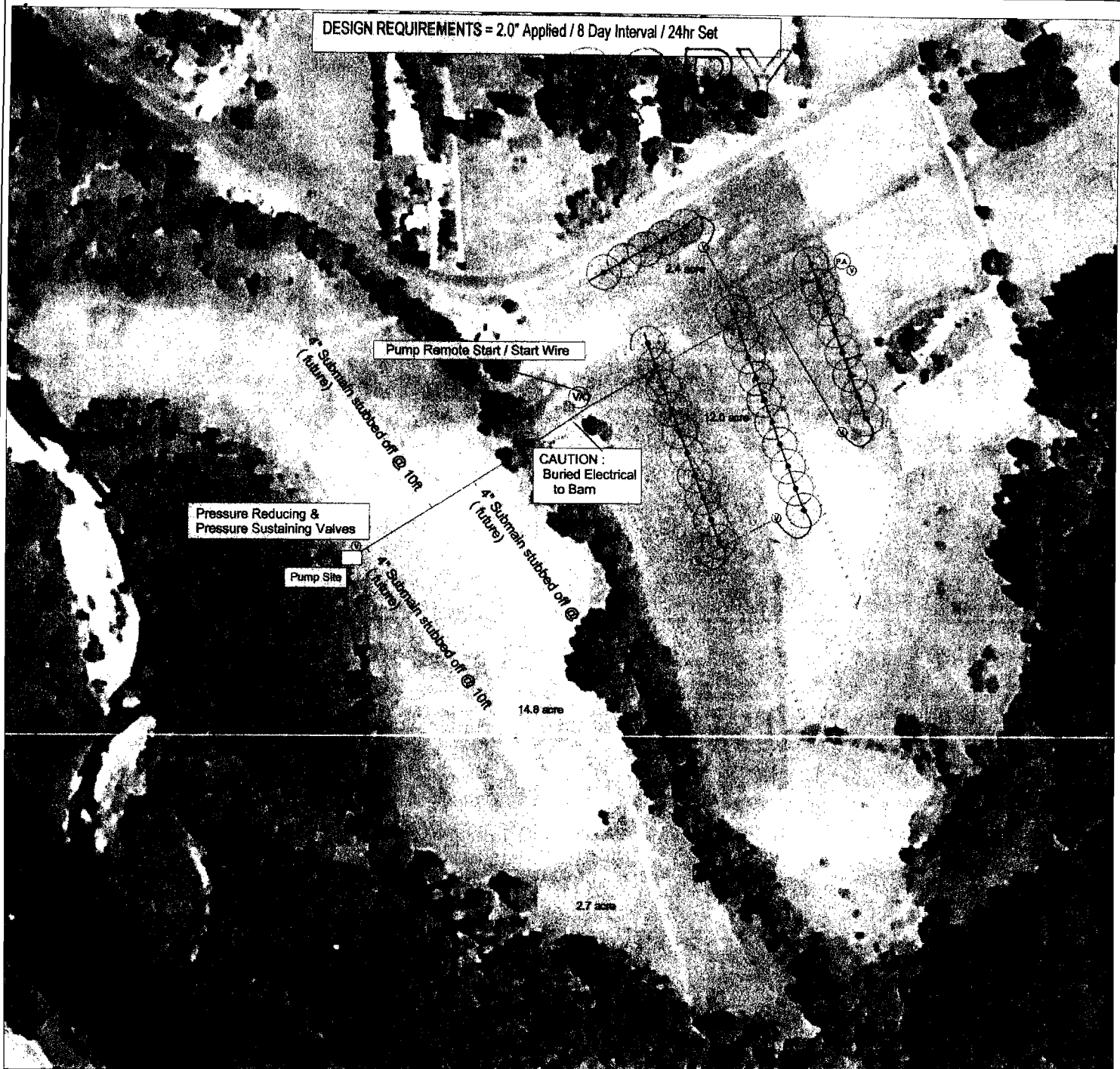
2" Romac Saddle 202S w/ 1 1/2" fipt
FISA200400


Required Material

Qty.	Description
1)	Romac Saddle 101S w/ 1 1/2"fipt # FISA100???
2)	K-Line male coupling 1 1/2"mipt x 40mm comp. # KLINE02100
2.5)	K-Line poly pipe (40mm) # KLINE01400
1)	1 1/2"fipt x 1 1/2" alum. male camlock (A) # KLINE02200
1)	1 1/2" alum. male camlock plug (DP) # KLINE02300 (not shown)
1)	1 1/2" x 3" Galv. nipple # GANI901233
1)	10" Round valve box # PVBO001000
1)	1 1/2" x 90deg Galv. elbow # GAEL900170
1)	1 1/2" Brass gate valve # VAGA900000
1)	1 1/2" mipt x 1 1/2" Alum.female camlock (B) # KLINE02275
1)	1 1/2" Female Camlock Cap # KLINE02325 (not shown)


T 10439 K-Line Saddle Assembly With Valve Box

DESIGN REQUIREMENTS = 2.0" Applied / 8 Day Interval / 24hr Set




 K-Line Pod w/ .118 nozzle @ 50psi = 3.0 gpm w/ 76' diam.

 6" PVC Mainline

 4" PVC Sub-Mainline

 4" Valve outlet w/ 1 1/2 FIPT

 4" Valve outlet

 P.A. Pressure & Air Relief

K-Line operating pressure = 60 psi
Mainline loss = 1 psi

61 psi
x 2.31'
141' tdh
22' elevation change
7' Lift at pump
170.0' tdh
17' 10% extra
187' TDH (81 psi)

Design point total acres = 14.4

.118" Nozzle @ 50 psi = 3.0 gpm / 76'diam.
50' x 50' Sprinkler Spacing / .11" per hour = 2.7" applied
Total Sprinklers 33 @ 3.0 gpm = 99 Total GPM
Total Of Lines To Shift = 4

Future Pump Design Point=197' TDH(85psi) @ 234 TGPM
(29.5 acre #1 K-line Design)

6T-275 Berkeley Submersible Pump 20 hp
200'tdh(86psi) @ 300gpm / 74%Eff / 20.5 Hpr
240'tdh(103psi) @ 235gpm / 71%Eff / 20.06 Hpr
300'tdh(129psi) @ 100gpm / 55%Eff / 13.8 Hpr

Project : Upper & Lower pasture irrigation	Date : 9 / 30 / 03	Prepared For : Dick Hunsaker 36986 Camp Creek Road Springfield OR 97478 (541) 344-0681	Prepared By : Pacific Ag Systems, Inc. 93780 Hwy 99 South Junction City ,OR 97448 (541) 998-1983
Scale : 1" = 310'	Drawing # #1 K-Line Last up-date : 04 / 09 / 04	Quote #025708 025709 025746	

T 10439



Current Water Right

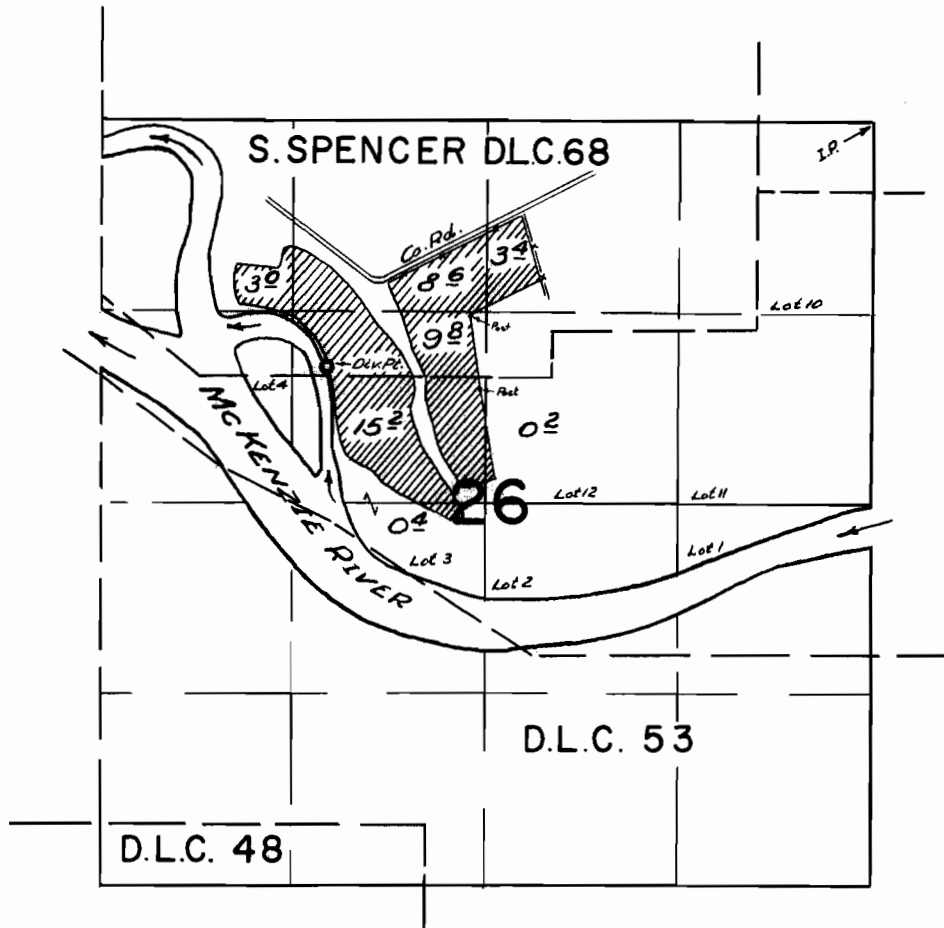
RECEIVED

AUG 08 2007

T 10439

WATER RIGHTS DIVISION
SACRAMENTO COUNTY

T.17S.R.2W.W.M.



FINAL PROOF SURVEY
UNDER

Application No. 30462 Permit No. 23994
IN NAME OF

J. E. HAMER

Surveyed 4 MAY 1960, by m. Bish