

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Nettnin
River System: Sol Duc	Date: 3/11/97
Site Identifier: S-312R-05	WRIA: 20.0312 E (P)
River Mile Location: 0.5	RB/LB: LB
Local Name: Unnamed	Trib. to: Loushin Cr. (20.0312-B)
Legal Description: SE¼ Sec 08 T29N R13W	County: Clallam
Habitat Type: Lower valley wall tributary	
Landowner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Rayonier Timber Operations Company - Department of Natural Resources	

Directions to site:

Starting at Forks, drive north on highway 101 to MP 198.1. Turn left onto T-line, then immediately left again onto the T-1010. There will be gate 0.3 mi. up the road; a key can be obtained at the DNR office or the RTOC office in Forks. Proceed about 0.4 mi to a stream crossing. This is the upper reach of Loushin Cr. The confluence of S-312R-05 is just upstream of the culvert.

Site Overview:

This second order stream sources on the flank of Tye Ridge and drains 60 - 80 acres of timberland. The water shed is undisturbed since it was logged in the early 1950's. There is a six foot cascade approximately 300 m upstream, limiting upstream migration.

Habitat Information:

Water source: Springs, and surface runoff

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 2.0 - 4.0 Upper end: 0.5 - 1.0

Water temperatures: Lower end: 4.0° C Upper end: 4.5° C

Adjacent stream temperature Loushin Creek (20.0312 B): 3.5° C

Other water observations:

- Water is clear

Site area measurements: Indirect Direct Combination

Widths: Channel-	1.0 - 2.0 m	Pond-	NA	Wetland-	NA
Depths: Channel-	10 - 30 cm	Pond-	NA	Wetland-	NA
Total length surveyed : 300 m					

Total existing habitat area (est.): 360 m²

Spawning area: 60 m²

Impounded area: None

Other rearing area: 300 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The gravel is small, but there are clean pockets that provide spawning opportunities.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- The gradient is gentle - moderate but not a lot of pools.
- Cover is lacking.
- Good shading provided by 30 - 40 year old conifer and brushy understory.

Describe unaccessible habitat:

- Where gradient begins as moderate it then changes to steep within 50 - 100 m.

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

- NA

Flooding potential: Low Medium High

Fish Information:

Site entry condition to (Loushin Creek 20.0312 B): Poor Fair Good

Coho access and use: Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Access is good, however juvenile and adult coho use is unknown.

Other species access and use: Chum Pink Sockeye Chinook Trout

- It is unknown if other species use this stream. Trout probably do use it.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- maintain integrity of the channel
- No equipment access

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

Aerials

Sketch

Maps

Culvert Report

Other references

Spawning surveys

Juvenile trapping

Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-312R-05
Site Name: Unnamed
WRIA: 20.0312E

DATE: 3-4-98

OBSERVER: Darrow

MINNOW TRAPPING REPORT

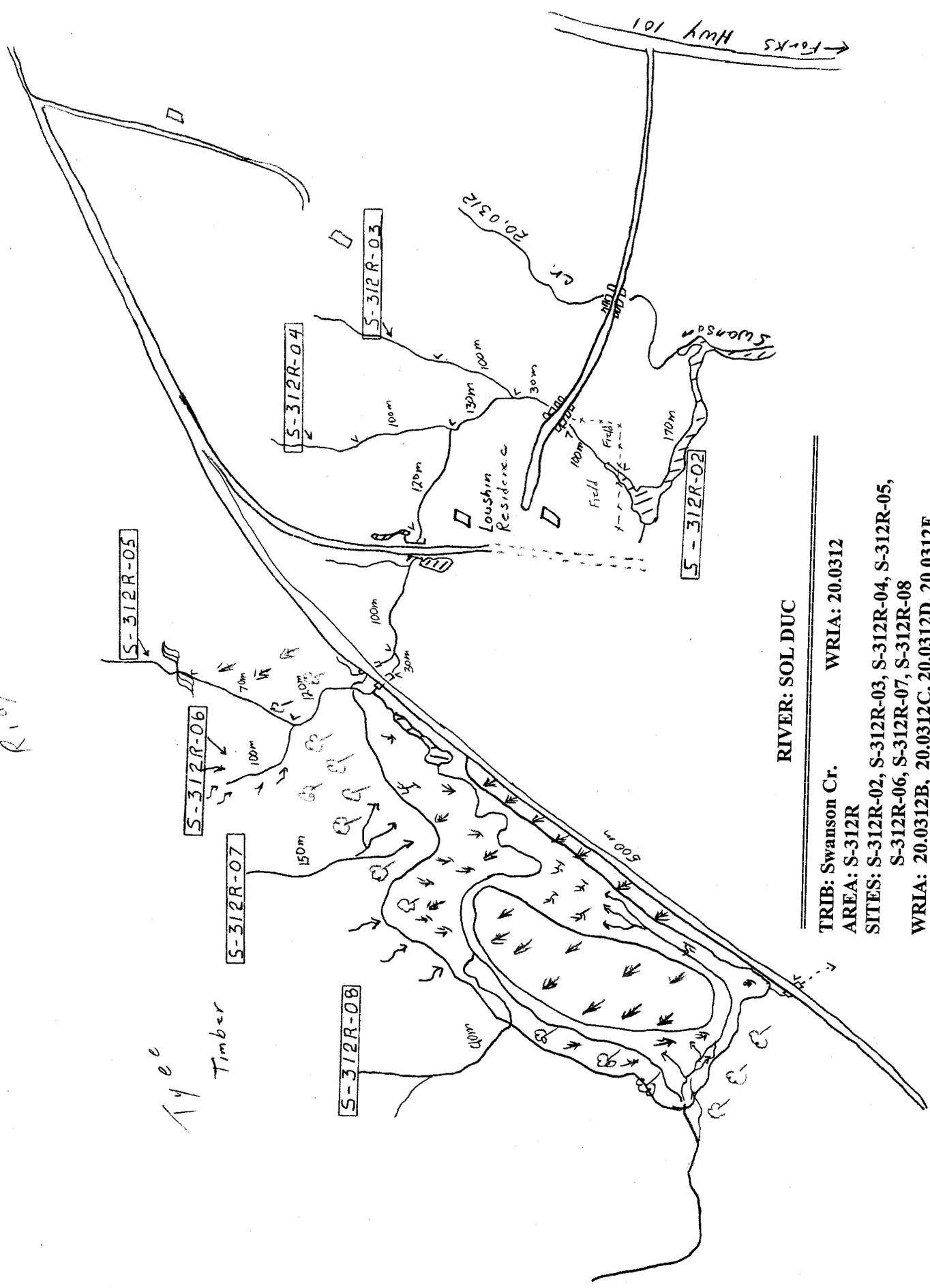
TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT		0+	
						RBT	CUTT		
1	3/3	5.6°C	3/4	5.7°C	4	0	0	0	6
2	3/3	5.6°C	3/4	5.7°C	0	0	1	0	0
TOTALS:					4	0	1	0	6

COMMENTS:

- Trap 1 was placed ~40 m upstream of confluence of fork (~95m upstream of T1010 road culvert).
- Trap 2 was placed ~85 m upstream of trap #1.

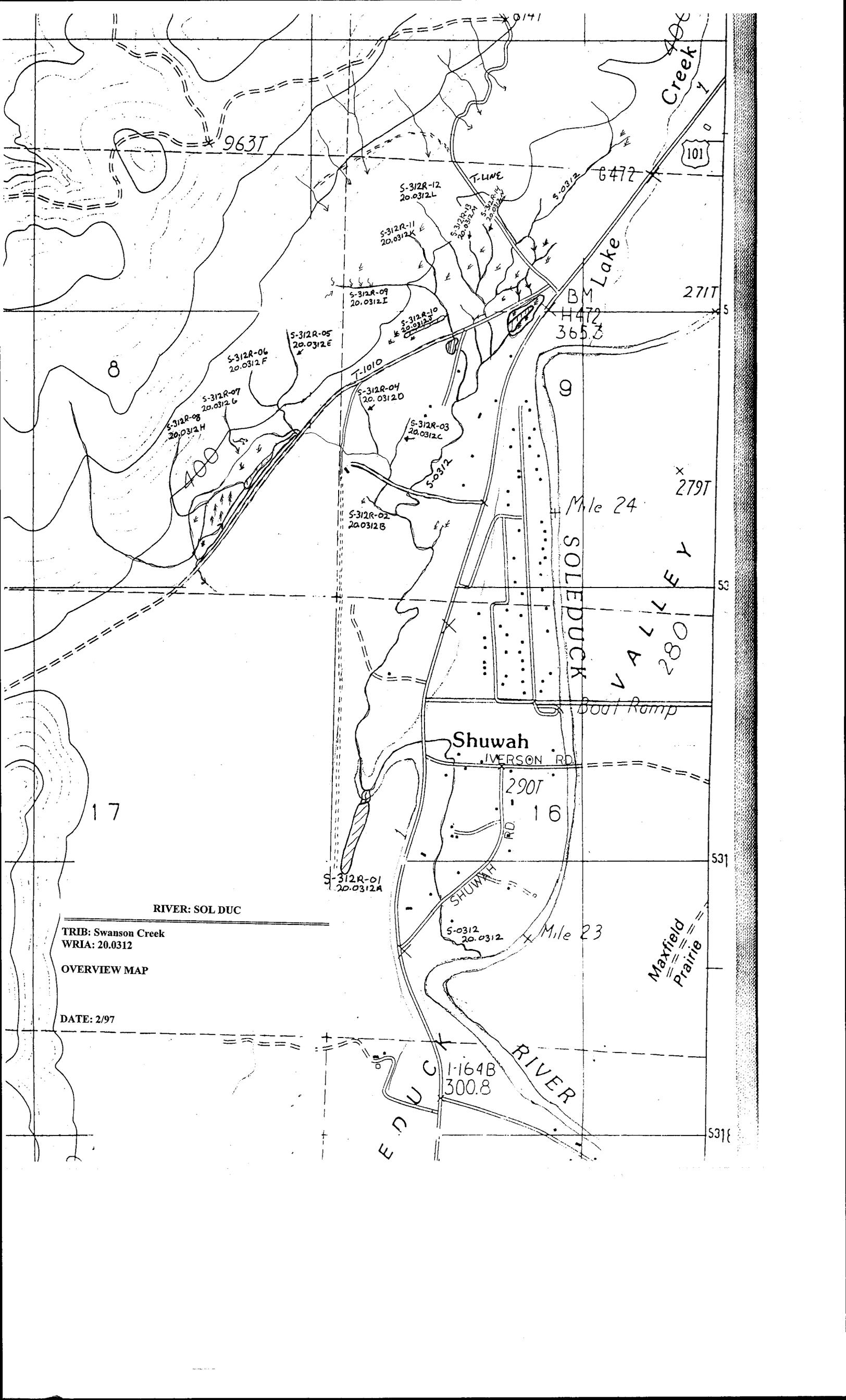
Ridge

Tree
Timber



RIVER: SOL DUC

TRIB: Swanson Cr. WRIA: 20.0312
 AREA: S-312R
 SITES: S-312R-02, S-312R-03, S-312R-04, S-312R-05,
 S-312R-06, S-312R-07, S-312R-08
 WRIA: 20.0312B, 20.0312C, 20.0312D, 20.0312E
 20.0312F, 20.0312G, 20.0312H
 NAMES: Loushin Cr, Loushin #2, Loushin #3, Unnamed
 Unnamed, Unnamed, Unnamed
 DATE: 3/97



RIVER: SOL DUC

TRIB: Swanson Creek
WRIA: 20.0312

OVERVIEW MAP

DATE: 2/97

