

**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): Powell
River System: Sol Duc	Date: 4/29/99
Site Identifier: S-329R-13	WRIA: 20.0334Q (P)
River Mile Location: 0.09	RB/LB: LB
Local Name: Unnamed	Trib. to: S-329R-12
Legal Description: SW¼ Sec10 T30N R11W	County: Clallam
Habitat Type: Valley wall tributary	
Landowner: (X) Federal () State () County () Other Government () Private - National Forest, USFS	

Directions to site:

Starting at Forks (Tillicum Park), drive north on Highway 101 for 16.3 miles (mp 208) to West Twin Road (FS 30 Road). Take a left on this road and follow for 5.85 miles. This culvert crossing is S-329R-12. Follow S-329R-12 upstream for 55 meters to a left bank tributary.

Site Overview:

This is a moderate to a high gradient channel that experiences flushing flows. The channel is incised with a brush/alder dominant riparian in the lower reach. The steep banks and upper channel have mature conifer. There is some cover/pools provided by old, large woody debris. The physical characteristics of this stream are more conducive to resident trout. Flows are a limiting factor.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around:
- Intermittent

Estimated flows (gpm): 20 - 25

Water temperatures: 7° C

Adjacent stream temperature: 7° C (S-329R-12)

Other water observations:

Site area measurements: () Indirect (X) Direct () Combination

Widths:	Channel- 1.5 m - 2.0 m	Ponds- NA	Wetlands- NA
Depths:	Channel- 2 cm - 15 cm	Ponds- NA	Wetlands- NA
Total length (includes ponds and wetlands): 175 m			

Total existing habitat area (est.): 175 m²

Spawning area: 75 m²

Impounded area: 0

Other rearing area: 100 m²

Spawning Habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat:

- The spawning habitat is more conducive to resident trout due to gradient.
- The channel has gravel with a high component of silt.
- Flows are a limiting factor.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat:

- This channel experiences flushing flows and low flows.
- The upper channel has a steady gradient gain as it becomes incised.
- The lower channel has brush as cover and an overstory of alder. Conifer grow along the steep slopes and in the upper riparian.
- This channel is more characteristically a cutthroat stream if flows are not limiting.

Describe unaccessible habitat:

Describe wetland: Bog Marsh Scrub-shrub Wetland Forested Wetland

Flooding potential: Low Medium High

- Flushing flows within the system.

Fish Information:

Site entry condition to (S-329R-12): Poor Fair Good

- There is an open egress.

Coho access and use:

Juvenile- Unknown None Poor Fair Good

Adult- Unknown None Poor Fair Good

- Gradient and flows would be the limiting factor.

Other species access and use: Chum Pink Sockeye Chinook Trout

- Trout may utilize this system if flows are not limiting.

Habitat Improvements:

Enhancement opportunities:

Additional Comments:

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

- | | | | |
|--|--|--|---|
| <input checked="" type="checkbox"/> Aerials | <input checked="" type="checkbox"/> Sketch | <input checked="" type="checkbox"/> Maps | <input type="checkbox"/> Culvert Report |
| <input checked="" type="checkbox"/> Other references | <input type="checkbox"/> Spawning surveys | <input type="checkbox"/> Juvenile trapping | <input type="checkbox"/> Fishway Report |

TRIB: Bear Creek - 20.0329 (13 of 15)

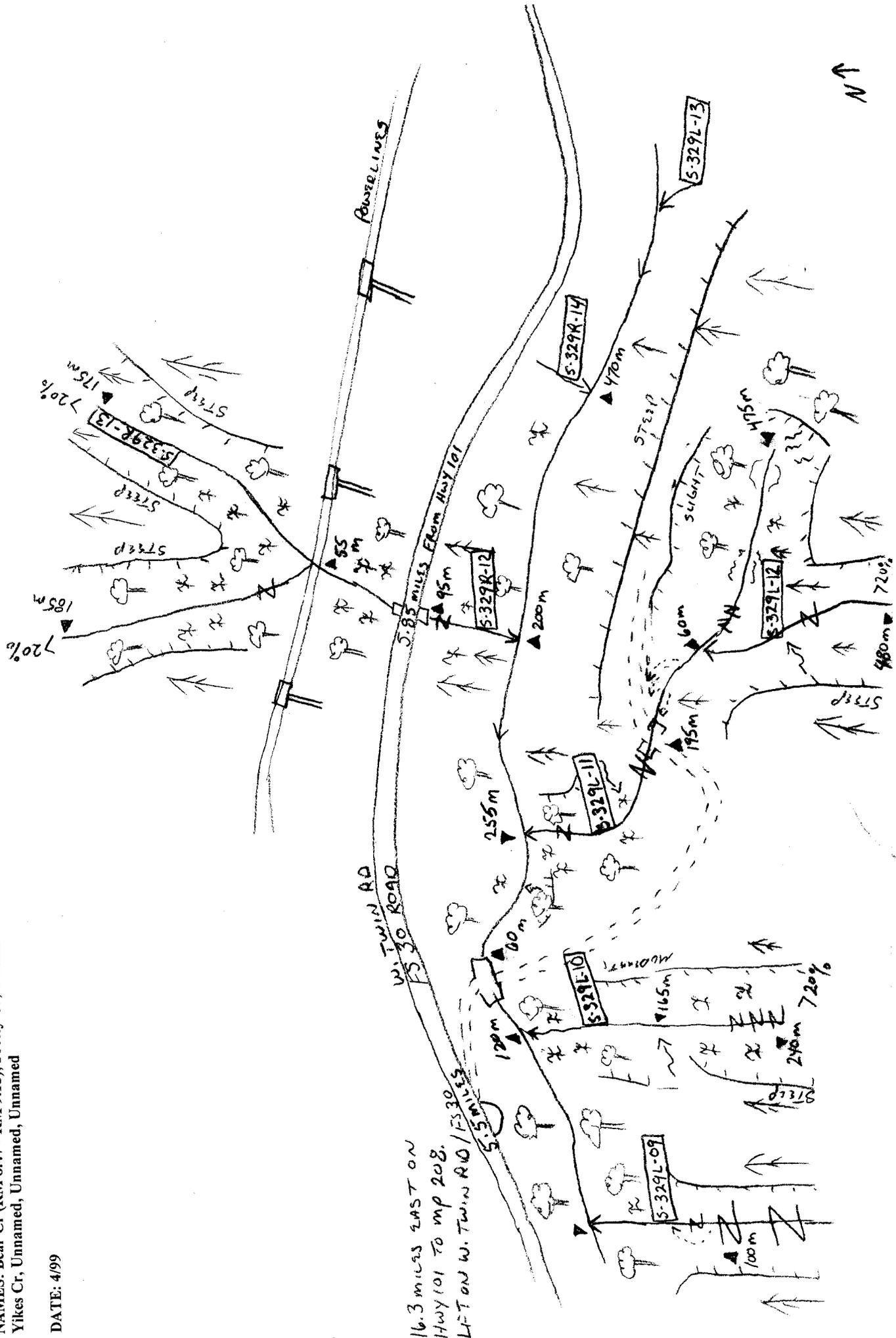
AREA: S-R6

SITE: S-0329, S-329L-09, S-329L-10, S-329L-11, S-329L-12, S-329R-12, S-329R-13

WRIA: 20.0329, 20.0334L, 20.0334M, 20.0334N, 20.0334O, 20.0334P, 20.0332Q

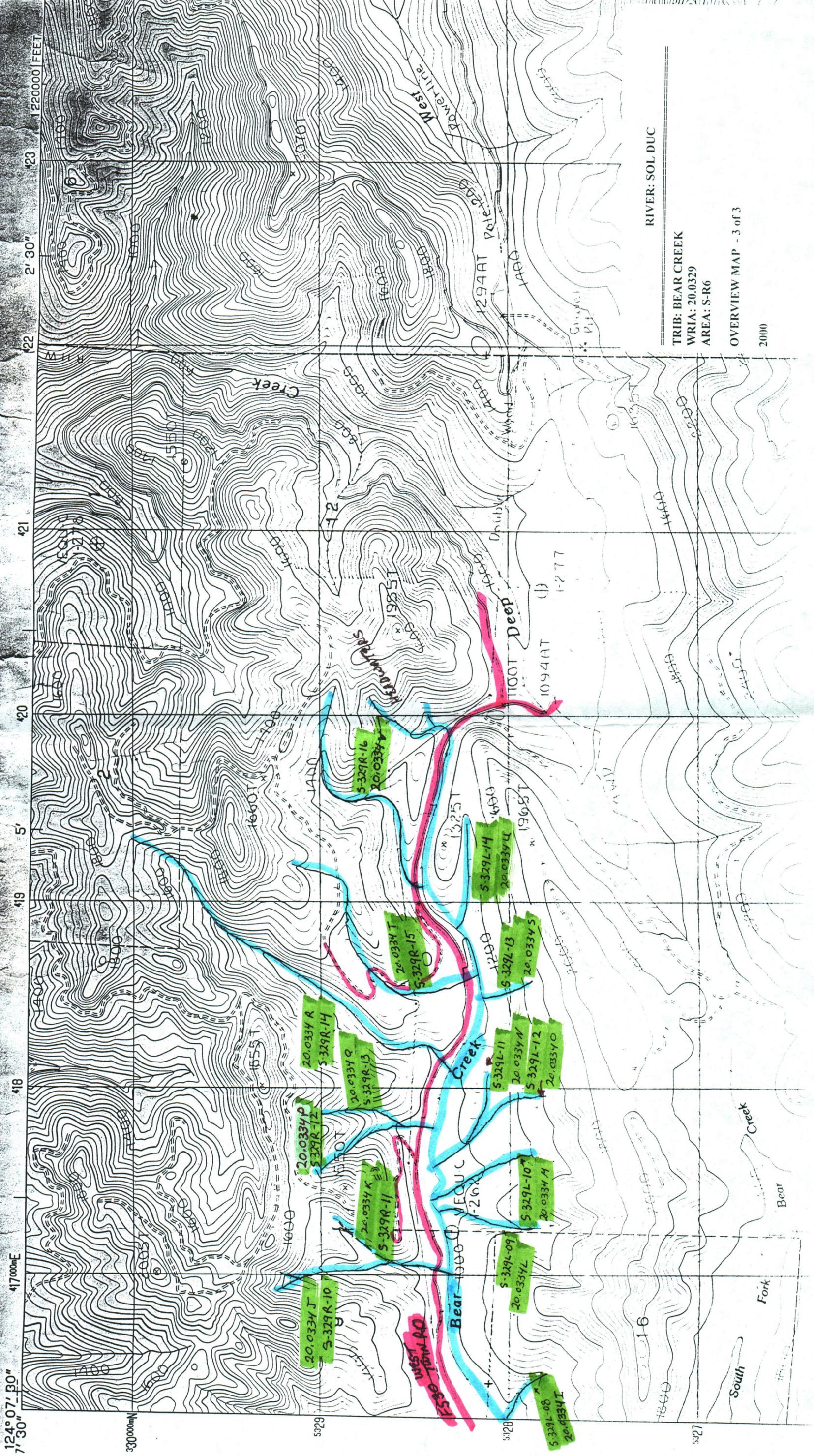
NAMES: Bear Cr (RM 8.47 - RM 9.15), Pretty Cr, Unnamed Yikes Cr, Unnamed, Unnamed, Unnamed

DATE: 4/99



16.3 MILES EAST ON
HWY 101 TO MP 208.
LEFT ON W. TWIN RD / FS 30

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



124° 07' 30" W
7' 30"

417000mE

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220000 FEET

2' 30"

5'

330000mN

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