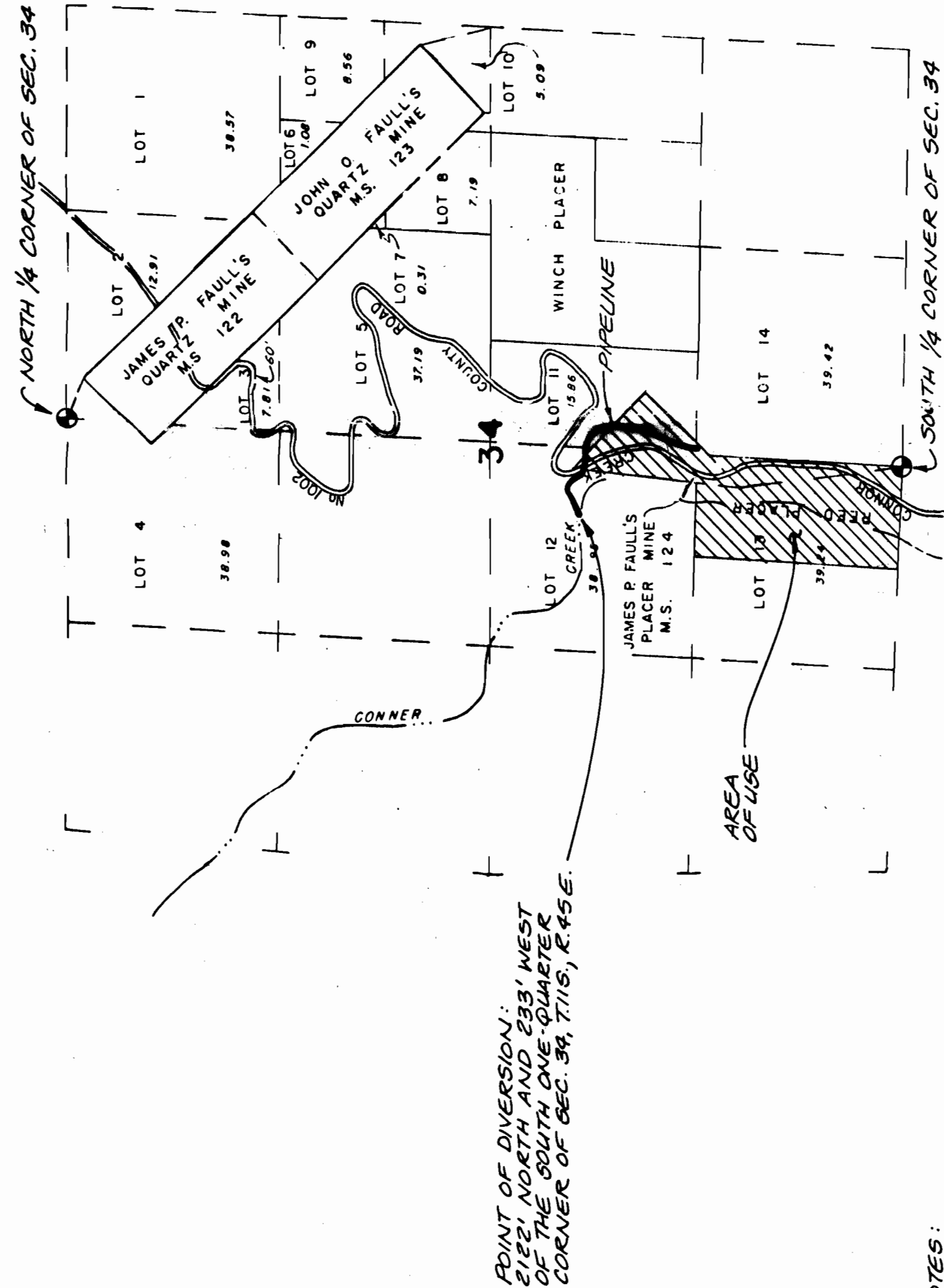




BASIS OF BEARINGS
BASIS OF BEARINGS FOR SURVEY DIMENSIONS TO POINT OF DIVERSION: ASSUMED N6°E ALONG NORTH-SOUTH CENTERLINE OF SECTION 34.

LEGEND
FOUND 1938 U.S. GENERAL LAND OFFICE SURVEY MONUMENT (BRASS CAPPED IRON PIPE)

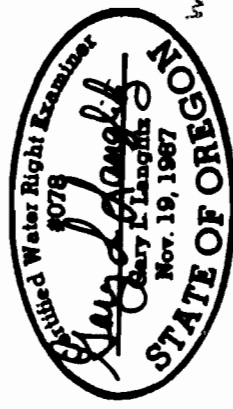
NOTE:
THIS DRAWING WAS REVIEWED ON AUGUST 2, 1991 AND FOUND TO BE AN ACCURATE REPRESENTATION OF THE CONDITIONS DESCRIBED IN THE CLAIM OF BENEFICIAL USE AND SITE REPORT FOR PERMIT NO 51046, DATED AUGUST 2, 1991.



8-9-91

FINAL PROOF SURVEY MAP

FOR:
PERMIT NO. 51046



DEC. 5, 1989

- NOTES:**
1. THIS DRAWING IS, IN PART, A TRACING OF THE BAKER COUNTY ASSESSOR'S DETAIL SHEET FOR SECTION 34, T.11S., R.45E.
 2. THE LOCATION OF THE POINT OF DIVERSION WAS DETERMINED BY A FIELD SURVEY CONDUCTED ON SEPT. 1, 1989.
 3. THE DRAWING DOES NOT INTEND OR ATTEMPT TO REPRESENT THE TRUE AND CORRECT LOCATION OF PROPERTY BOUNDARY.

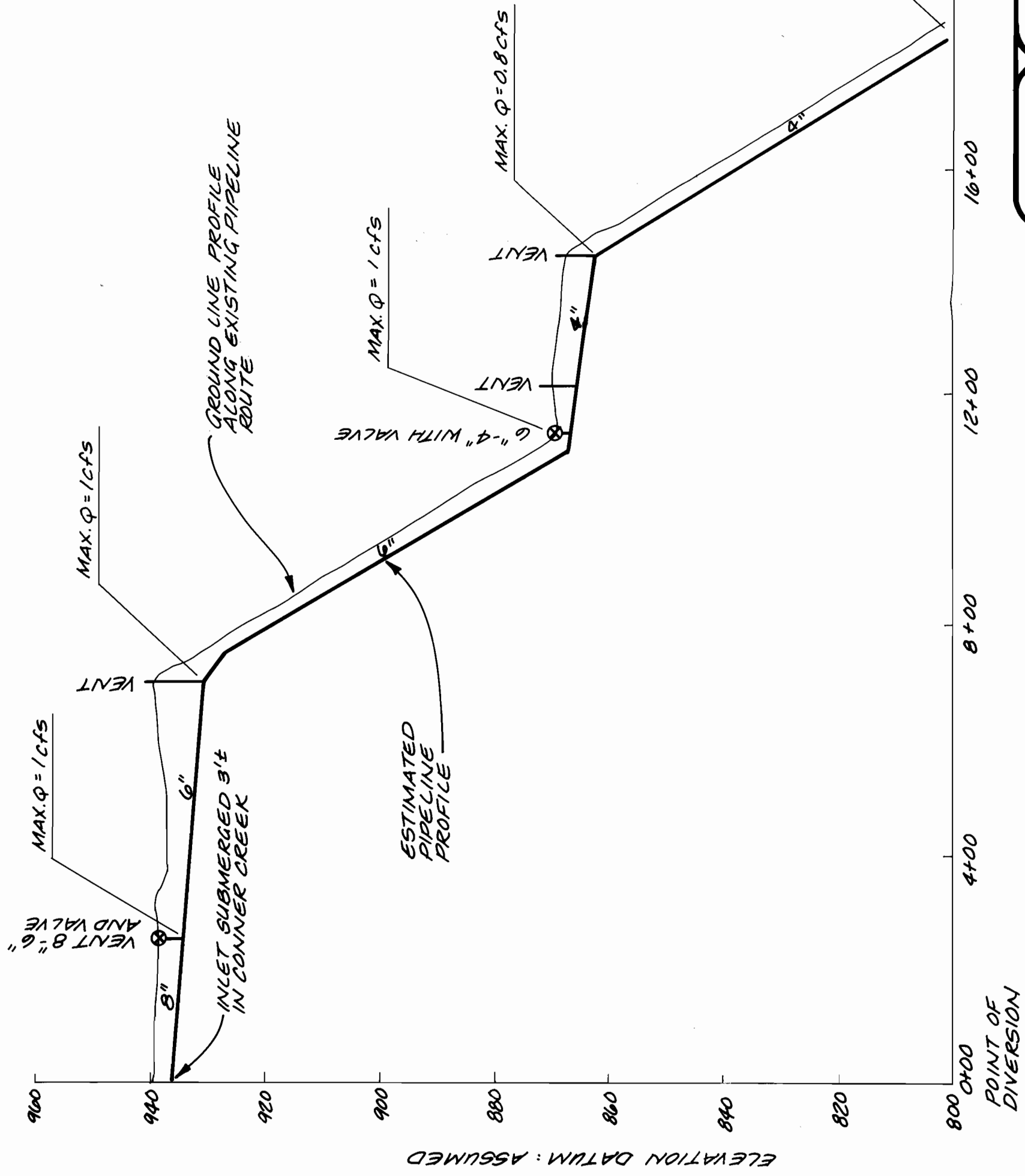
TOWNSHIP 11 SOUTH, RANGE 45 EAST, WILLAMETTE MERIDIAN, BAKER COUNTY, OREGON



MAP TO ACCOMPANY APPLICATION TO APPROPRIATE SURFACE WATERS IN THE SOUTH 1/4 OF SEC. 34, T.11S., R.45E, W.M. BAKER COUNTY, OREGON FOR: FRANK BUTCHART 36 ETS PACIFIC 3030 SW MOODY AVE. PORTLAND, OREGON

FIGURE

1



SCALE : 1" = 200' HORIZ.
1" = 20' VERT.

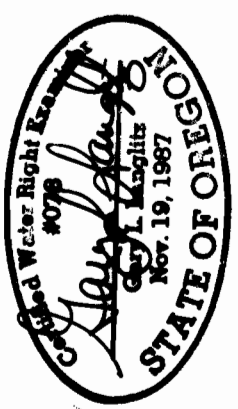


EVALUATION OF SYSTEM CAPACITY
PERMITTEE: FRANK BUTCHART
3030 S.W. MOODY AVE.
PORTLAND, OR 97201

FIGURE

ALLOWABLE FRICTION LOSS AND PIPE
FLOW CAPACITY DETERMINED BY
HAZEN AND WILLIAMS EQUATION WITH
C=100 ASSUMING STEEL PIPE.

TO ACCOMPANY FINAL PROOF
SURVEY MAP FOR PERMIT NO.
51046



8-9-71

MAX. Q = 0.8 cfs