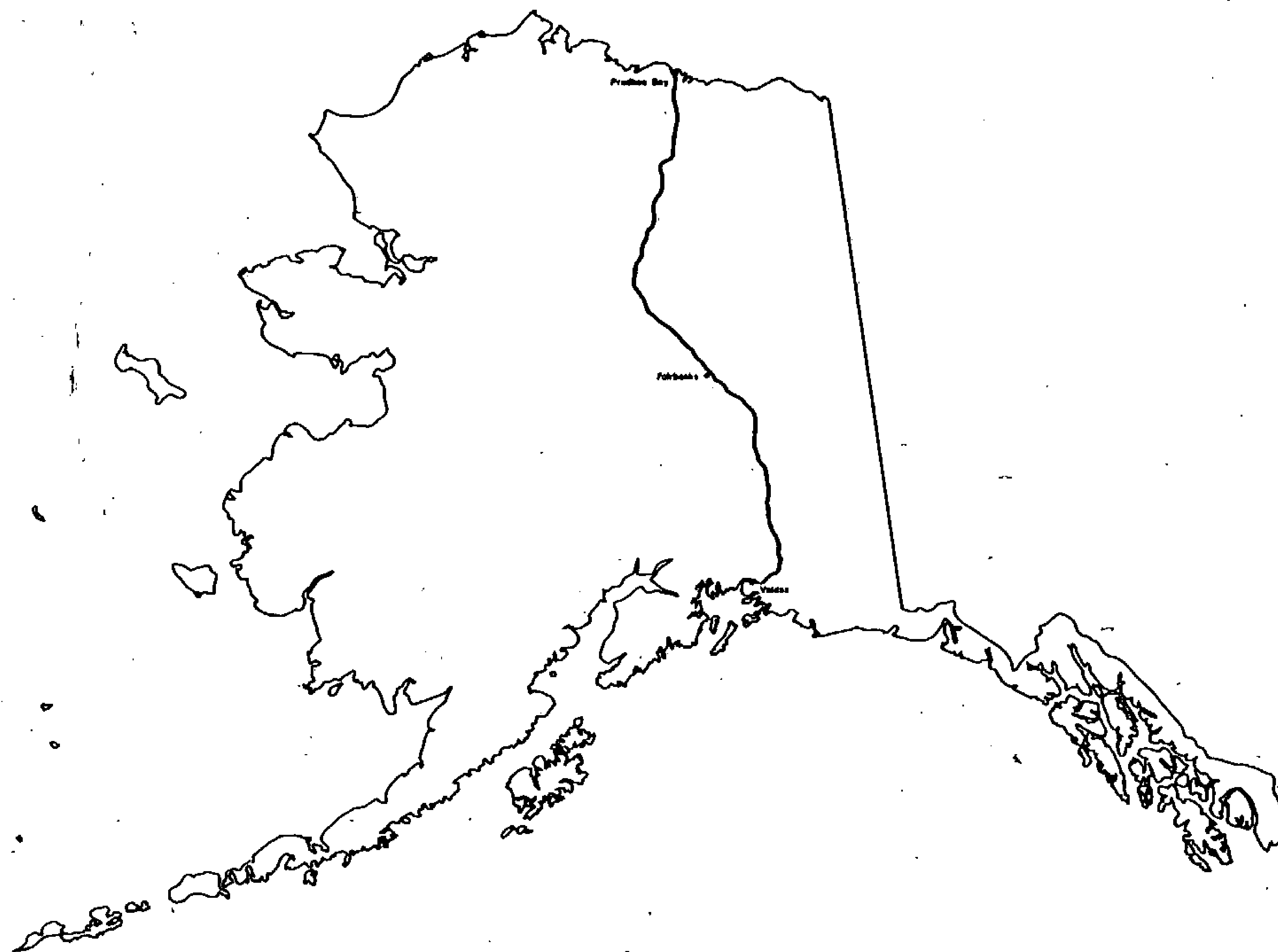


TRANS-ALASKA PIPELINE RIGHT-OF-WAY WIDTHS



prepared by
OCEAN TECHNOLOGY LTD.

Alyeska pipeline

SERVICE COMPANY

agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC.
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SOMO PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

MEMORANDUM

<p>TO: H. G. Brelsford</p>	<p>SUBJECT: Final Permanent Right-of-Way Submissions, Section 2</p>
<p>FROM: J. C. Harle <i>JCH</i></p>	<p>DATE: 09-20-79</p>
	<p>FILE NO.: EAM-15657</p>

As per memorandum EAM-15628, J. C. Harle to H. G. Brelsford, dated September 10, 1979.

Attached is Section No. 5 which, with the exception of the permanent Access Roads contains all the documents necessary to support the permanent right-of-way required by Alyeska. This final edition contains all known corrections and revisions as of September 1, 1979. The following is a list of the documents we are submitting:

PIPELINE CENTERLINE MONUMENTATION TRAVERSE
G 101 SERIES (7 Copies)

TRANS ALASKA PIPELINE RIGHT-OF-WAY WIDTHS
COMPUTER PRINTOUT (7 Copies)

BEARING AND DISTANCE SCHEDULE
COMPUTER PRINTOUT (7 Copies)

PRIVATE PROPERTY RIGHT-OF-WAY (None)

COMMUNICATION SITES (7 Copies of Each)

Name	Dwg. No.
Eagle	D-00-L609
Fish	D-00-L610

PUMP STATION (7 Copies)

P.S. No.	Dwg. No.
5	D-35-L600

81-1

RECORDED - FILED	
DATE: 1-7 1981	REC. DIST. <i>J. Gilman</i>
TIME: 2:13 PM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

All original mylar drawings are held within the Technical Services Department and are ready for regulatory agency signatures when required.

JCH/MSS/ajw

cc: T. F. Leahy - w/o attachments
M. S. Smith - w/o attachments
R. G. Bruce - w/o attachments

Attachment

81-1

RECORDED - FILED	
DATE: 1-7 1981	REC. DIST. <i>Hampant</i>
TIME: 2:13 PM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
DATE: 1-7 1981	REC. DIST. <i>Burrow</i>
TIME: 2:13 PM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
DATE: 1-7 1981	REC. DIST. <i>Fainbanka</i>
TIME: 1:39 PM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
DATE: 1-12 1981	REC. DIST. <i>Christina</i>
TIME: 10:20 AM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

81-1

RECORDED - FILED	
DATE: 1-12 1981	REC. DIST. <i>Valery</i>
TIME: 10:10 AM	
Requested by AS/DNR 703 W. NORTHERN LTS. ANCHORAGE, AK 99503	

ALYESKA PIPELINE SERVICE COMPANY
 Drawings for Right-Of-Way Listing

Section Number 5 Alignment Sheets 46 through 55

Pump Stations

P.S. No. Dwg. No.
 5 D-35-L600

Communication Sites

Name. Dwg. No.
 Eagle D-00-L609
 Fish D-00-L610

Private Property Drawings

R/W No. Dwg. No. R/W No. Dwg. No.

814

RECORDED - FILED

Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814

RECORDED - FILED

Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814

RECORDED - FILED

Jainamba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814

RECORDED - FILED

Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814

RECORDED - FILED

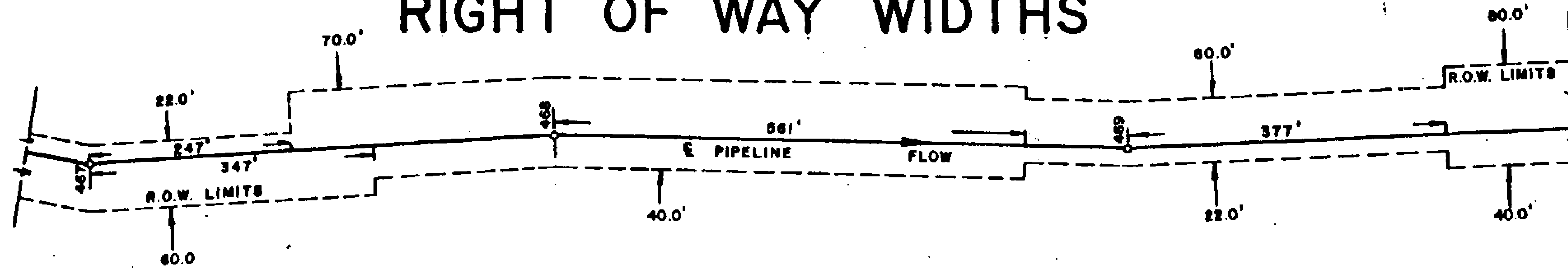
Pennant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814

RECORDED - FILED

St. Silbon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

RIGHT OF WAY WIDTHS



TYPICAL SCHEDULE

POINT I. D.	HORZ. DISTANCE	R.O.W. WIDTHS DIRECTION OF FLOW		AS BUILT PIPELINE STATIONING	CODE CLASSIFICATION
		RIGHT	LEFT		
467	247	60	22	15661 + 19	(A-E2)
467	347	60	70	15662 + 19	(A-C)
468	561	40	70	15696 + 73	(B-E1-E2)
469	377	22	60	15721 + 29	(A-E1-E2)
		40	80		(B-E2)

" THE DESIGNATIONS OF LAND STATUS ARE FOR USE IN WIDTH CONTROL ONLY AND ARE NOT TO BE RELIED UPON FOR TITLE (OWNERSHIP) DETERMINATIONS. HIGHWAYS/ROADS/TRAILS CLAIMED OR DESIGNATED AS RIGHTS-OF-WAY BY THE STATE OF ALASKA CROSSED BY THE PIPELINE ARE SHOWN HEREIN BY THE DESIGNATION "STATE LAND" IN THE POINT I.D. COLUMN. THIS IS NOT INTENDED TO INDICATE THAT TITLE TO THE LAND UNDERLYING THE HIGHWAYS/ROADS/TRAILS IS NECESSARILY OWNED IN FEE BY THE STATE OF ALASKA."

81-1

RECORDED - FILED

Valdny REC. DIST. _____

DATE 1-12 1981

TIME 10:10 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:20 A M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Jainbomba REC. DIST. _____

DATE 1-7 1981

TIME 1:34 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Bannon REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

H. Gibson REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Rampant REC. DIST. _____

DATE 1-7 1981

TIME 2:13 P M

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION

814
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

A Aboveground Oil Line Federal Lands Standard 22 feet - 42 feet

The modification and additional R.O.W. is required to compensate for the area taken up by the aboveground support structures. This will allow clearance for heavy equipment on the driveway side of the line.

A 1 Aboveground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B Belowground Oil Line Federal Land Standard 12 feet - 42 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

B 1 Belowground Oil Line State Land Standard 25 feet - 75 feet

No additional R.O.W. is required. Modification is required to allow clearance for heavy equipment on the driveway side of the line.

C Workpad Driveway Crossover

Additional R.O.W. is required where driveway switches from one side of line to the other, this will allow heavy equipment to make the change without damage to the pipeline.

C 1 Workpad Driveway Extension

Additional R.O.W. is required to negotiate steep terrain adjacent to the pipeline.

D River Training Structures

Spur Dikes/Revetments/Guide Bank/River Plugs

Additional R.O.W. is required to allow access for heavy equipment needed to repair and maintain the structures. Forty-five feet from the visible toe allows access to the buried 25 foot apron around the structures.

814
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Fainst
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Barnow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
H. Dillon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

[cbm128pm]

R.O.W. CODE CLASSIFICATION (Cont'd)

E Structural Overfill for Pipe Restraint
Additional R.O.W. is required to maintain these structures.

E 1 Workpad and V.S.M. Insulation
Additional R.O.W. is required to protect, maintain and repair insulated area.

E 2 Transverse Levees and Cross Drainage Area
Additional R.O.W. is required to maintain and repair these areas. This is essential to prevent or control erosion.

E 3 Soft Areas of Workpad
Additional R.O.W. is required to allow for possible extra material lifts on these portions of the pad.

E 4 Sub Drains and Monitoring Hess Creek Approach
Additional R.O.W. is required for monitoring and maintenance operations.

E 5 Denali Fault
Additional R.O.W. is required in order to perform monitoring surveys.

E 11 Remedial Repair Zone
Additional R.O.W. is required to encompass existing remedial repair structures and for ongoing pipe performance monitoring, maintenance of surface drainage structures, and for possible future pipeline repair activities.

E 6 Cut Sections
Additional R.O.W. is required for maintenance purposes.

[cbm128pm]

81-4

RECORDED - FILED

Valeky REC. DIST.

DATE 1-2 1981

TIME 10:10 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-7

RECORDED - FILED

Christina REC. DIST.

DATE 1-12 1981

TIME 10:20 A.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-7

RECORDED - FILED

Tainbomka REC. DIST.

DATE 1-7 1981

TIME 1:39 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-7

RECORDED - FILED

A. Hillon REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-4

RECORDED - FILED

Rampant REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barrow REC. DIST.

DATE 1-7 1981

TIME 2:13 P.M.

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION (Cont'd)

81-1
RECORDED - FILED
Valdey REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Scrubber REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Prampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

E 7 Side Fills
 Additional R.O.W. is required to maintain the special side fill buttress for side bend pipe restraint.

E 8 Ptarmigan Drop
 Additional R.O.W. is required to maintain the special belowground drainage system.

E 9 Thompson Pass and Keystone Canyon
 Additional R.O.W. is required to maintain the subsurface drainage and buttresses.

E 10 Fort Liscomb Slide
 Additional R.O.W. is required to allow periodic survey monitoring of the area.

F River, Stream, Bridges and Road Crossings
 Additional R.O.W. is required to allow access for heavy equipment to maintain and repair the structures.

G Fuel Gas Line Federal Land Standard 10 feet - 40 feet
 No additional R.O.W. is required.

G 1 Fuel Gas line State Land Standard 10 feet - 40 feet
 No additional R.O.W. is required.

G 2 Fuel Gas Line
 Fuel gas line departs from oil line because of small creek running parallel to oil line. Additional R.O.W. is required.

G 3 Fuel Gas Line
 Gas line departs from oil line because of small lake crossing oil line. No additional R.O.W. is required.

R.O.W. CODE CLASSIFICATION (Cont'd)

H Pad Widening at Access Road
Additional R.O.W. is required for heavy equipment to negotiate the turn from access road to workpad driveway.

I Insulation Box
Additional R.O.W. is required for maintenance and repair.

I 1 Insulated Pipe Burial
Additional R.O.W. is required to maintain the insulated maintenance pad and free standing heat pipe array associated with the insulated box design.

P Pump Station
Additional R.O.W. is required for operating, maintenance, and security reasons.

PP-A Private Property
Alyeska purchase R.O.W. (see R.O.W. drawing).

PP-N Alaska Native Allotment - (see R.O.W. drawing)

PP-E Federal Entryman - (see R.O.W. drawing)

PP-M Mining Claim - (see R.O.W. drawing)

PP-S R.O.W. Acquired by Eminent Domain Proceeding
Interest now held under State lease provision (see R.O.W. drawing).

V Valve Sites
Additional R.O.W. is required for operating and maintenance.

[cbm128pm]

81-1

RECORDED - FILED

Valley REC. DIST.

DATE 1-12 1981

TIME 10:10 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Barnow REC. DIST.

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Christina REC. DIST.

DATE 1-12 1981

TIME 10:20 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Prompt REC. DIST.

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Scunliffe REC. DIST.

DATE 1-7 1981

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

Stilton REC. DIST.

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

R.O.W. CODE CLASSIFICATION (Cont'd)

P.L.1 Power Line

Additional R.O.W. is necessary from Pump Station 6 to the south bank of the Yukon River to construct and maintain an overhead power line at the toe of the workpad on the driveway side.

R.C.1 Arch Road Crossing

Additional R.O.W. is required to maintain the bin walls and associated structural fill.

81-1

RECORDED - FILED		
<i>Valdez</i>		
DATE	1-12	19 81
TIME	10:10	A.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Sourabaya</i>		
DATE	1-7	19 81
TIME	1:39	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>At Siblon</i>		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Christina</i>		
DATE	1-12	19 81
TIME	10:20	A.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Bassano</i>		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

81-1

RECORDED - FILED		
<i>Rampart</i>		
DATE	1-7	19 81
TIME	2:13	P.M.
Requested by AS/DNR		
703 W. NORTHERN LTS.		
ANCHORAGE, AK 99503		

G-100 SERIES ALIGNMENT SHEET 46
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				13240+00		
		75	22		(A-E1-E2)	
390-4	138.			13383+85		BEGIN WIDENING FOR BIN WALL MAINTENANCE
		75	60		(A-F-RC1)	
390-4	238.			13384+85		C/L EXISTING ROADWAY
		75	60		(A-F-RC1)	
390-4	338.			13385+85		END WIDENING FOR BIN WALL MAINTENANCE
		75	22		(A-E1-E2F)	
393	273.			13487+03		N. BDY. REMOTE GATE VALVE 47
		165	22		(A-V)	
393	608.			13490+38		S. BDY. REMOTE GATE VALVE 47
		75	22		(A-E1-E2)	
MATCH LINE				13520+00		

81-1
RECORDED - FILED
Valdy REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zamboni REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

10

G-100 SERIES ALIGNMENT SHEET 47
21 APR 80

81-1
RECORDED - FILED
Valdez REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				13520+00		
		75	22		(A-E1-E2)	
395-3	401.93			13529+29		BEGIN GUIDE BANK AND CROSSUNDER, SEE DETAIL DWG.
		60	22		(A-D-C)	
395-4	187.64			13531+35		END GUIDE BANK, BEGIN WIDENING FOR KOYUKUK RIVER
		150	60		(A-F)	
395-4	539.93			13534+87		BEGIN GUIDE BANK AND CROSSUNDER, SEE DETAIL DWG. END WIDENING FOR KOYUKUK RIVER
		60	22		(A-C-D)	
395-4	726.46			13536+74		END GUIDE BANK
		75	22		(A-E1-E2)	
395-5	117.			13541+49		END WIDENING
		42	22		(A)	
396-2	328.54			13554+40		N. BDY. CHECK VALVE 48
		165	22		(A-V)	
396-3	17.00			13556+05		S. BDY. CHECK VALVE 48
		42	22		(A)	
396-4	59.			13560+67		BEGIN PAD CROSSUNDER
		42	42		(A-C)	
396-4	118.			13561+27		END PAD CROSSUNDER
		22	42		(A)	
400-4	329.			13651+67		N. BDY. CHECK VALVE 48A
		22	165		(A-V)	
400-4	494.			13653+32		S. BDY. CHECK VALVE 48A
		22	42		(A)	
401	961.			13729+67		BEGIN WIDENING
		22	60		(A-E1-E2)	
MATCH LINE				13800+00		

81-1
RECORDED - FILED
Stankova REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnon REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Sullivan REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

11

G-100 SERIES ALIGNMENT SHEET 48
21 APR 80

POINT I.D. + DISTANCE	HORZ. DIRECTION OF FLOW	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				13800+00		
		22	60		(A-E1-E2)	
MATCH LINE				14070+00		

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
China REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Stamba REC. DIST.
DATE 1-7 1981
TIME 1:29 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Pampant REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H Gibson REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 49
21 APR 80

81-1
RECORDED - FILED
Valdez REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT	LEFT			
FEDERAL LAND ***						
MATCH LINE				14070+00		
		22	60		(A-E1-E2)	
410-3	177.			14086+52		BEGIN WIDENING FOR BIN WALL MAINTENANCE
		60	60		(A-F-RC1)	
410-3	277.			14087+52		C/L EXISTING ROADWAY
		60	60		(A-F-RC1)	
410-3	377.			14088+52		END WIDENING FOR BIN WALL MAINTENANCE
		22	60		(A-E1-E2F)	
411	480.			14138+48		N. BDY. REMOTE GATE VALVE 49
		22	165		(A-V)	
411	815.			14141+83		S. BDY. REMOTE GATE VALVE 49
		22	60		(A-E1-E2)	
411-4	268.			14151+47		BEGIN JIM RIVER CROSSING, A/G TO B/G TRANSITION
		90	150		(B-F)	
412	150.			14160+34		BEGIN SPUR DIKE
		215	290		(B-D-F)	
412	290.			14161+74		END SPUR DIKE
		90	150		(B-F)	
412	984.			14168+49		BEGIN PAD CROSSOVER B/G TO A/G, END JIM RIVER CROSSING
		60	60		(A-C-F)	
412	1084.			14169+49		END PAD CROSSOVER
		42	22		(A-C)	
418-7	120.			14329+08		BEGIN PAD CROSSUNDER
		42	42		(A-C)	
418-8	10.			14329+78		END PAD CROSSUNDER
		22	60		(A-E2)	
419-7	263.			14351+23		A/G TO B/G TRANSITION
		22	60		(B-E2)	
MATCH LINE				14360+00		

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 50
21 APR 80

81-1
RECORDED - FILED
Valley
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	ROW WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
	DIRECTION OF FLOW	RIGHT			
	V	V		V	
FEDERAL LAND *** MATCH LINE	-----	-----	14360+00		
	22	60	14369+52	(B-E2)	TRANSITION A/G TO B/G
420 660.	22	60	14375+14	(A-E2)	END WIDENING
420-2 10.	22	42	14399+67	(A)	BEGIN PAD CROSSUNDER
420-13 170.	42	42	14400+37	(A-C)	END PAD CROSSUNDER
420-14 60.	42	22	14481+07	(A)	BEGIN WATERLINE WIDENING
422-10 100.	100	22	14500+26	(A-E1-E2)	N. BDY. PUMP STATION NO. 5, SEE DWG. D-35-L600
423-7 122.03	XX	XX	14534+23	(P)	S. BDY. PUMP STATION NO. 5, BEGIN WIDENING
423-8 11.62	60	22	14629+12	(A-E1-E2)	BEGIN PAD CROSSUNDER
427-6 178.	60	60	14629+72	(A-C-E2)	END PAD CROSSUNDER
427-6 234.	40	60	14645+21	(A-F)	END WIDENING
428-1 117.	22	42	14650+41	(A)	N. BDY. CHECK VALVE 50
428-4 105.	22	165	14652+06	(A-V)	S. BDY. CHECK VALVE 50
428-4 270.	22	42	14670+00	(A)	
MATCH LINE	-----	-----			

81-1
RECORDED - FILED
J. S. ...
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Pampat
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Gilbert
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 51
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE -----						
		22	42	14670+00	(A)	
429-12	254.			14694+62		BEGIN WIDENING, A/G TO B/G TRANSITION
		12	60		(B-E2)	
437	2377.			14876+07		END WIDENING, B/G TO A/G TRANSITION
		22	42		(A)	
438-6	314.			14906+25		BEGIN WIDENING, A/G TO B/G TRANSITION
		12	60		(B-E2)	
442	305.			14975+69		N. BDY. REMOTE GATE VALVE 51
		12	135		(B-V)	
442	640.			14979+04		S. BDY. REMOTE GATE VALVE 51
		12	60		(B-E2)	
MATCH LINE -----						
				14980+00		

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Stambank REC. DIST.
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannart REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. S. S. S. REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 52
21 APR 80

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks REC. DIST.
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
B... REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. ... REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Parson REC. DIST.
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION V	COMMENTS
	RIGHT	LEFT			
FEDERAL LAND *** MATCH LINE			14980+00		
	12	60		(B-E2)	
443 556.			14992+96		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
	60	60		(A-E2-C)	
443 656.			14993+96		END PAD CROSSOVER
	60	22		(A-E2)	
443-8 257.			15008+82		A/G TO B/G TRANSITION
	60	12		(B-E2-F)	
444 548.			15015+86		BEGIN PAD CROSSOVER
	60	60		(B-C-E2-F)	
444 648.			15016+86		END PAD CROSSOVER
	12	60		(B-E2)	
444 761.58			15018+00		BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
	12	60		(B-D)	
444 954.74			15019+93		END SPUR DIKE
	12	60		(B-E2-F)	
445 1035.			15033+22		BEGIN SPUR DIKE NO. 1
	260	290		(B-D)	
445 1175.			15034+62		END SPUR DIKE NO. 1
	12	60		(B-F)	
447 2305.			15100+39		BEGIN PAD CROSSOVER
	60	60		(B-C-E2-F)	
447 2405.			15101+39		END PAD CROSSOVER
	60	12		(B-E2)	
448 518.			15109+17		WIDENING FOR PAD MAINTENANCE
	60	12		(B-E2)	
450 221.			15153+12		N. BDY. CHECK VALVE NO. 52
	60	135		(B-V)	
450 386.			15154+77		S. BDY. CHECK VALVE NO. 52
	60	12		(B-E2)	
450 6932.			15220+26		B/G TO A/G TRANSITION
	60	22		(A-E1-E2)	

MATCH LINE

----- 15290+00

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sainbomba REC. DIST.
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 53
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE				15290+00		
454-5	368.	60	22	15302+01	(A-E1-E2)	BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
454-5	468.	60	60	15303+01	(B-E2)	END PAD CROSSOVER
460	1587.	12	60	15462+59	(B-E2)	N. BDY. REMOTE GATE VALVE 53
460	1922.	12	135	15465+94	(B-V)	S. BDY. REMOTE GATE VALVE 53
462	4261.65	12	60	15563+49	(B-E2)	BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
462	4361.65	60	60	15564+49	(A-E2)	END CROSSOVER
MATCH LINE		60	22	15590+00	(A-E2)	

81-1
RECORDED - FILED
Valley
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannan
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Gibson
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

G-100 SERIES ALIGNMENT SHEET 54
21 APR 80

81-1
RECORDED - FILED
Valley REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Scrubber REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Dillon REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

POINT I.D. + DISTANCE	R O W WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
	RIGHT V	LEFT V			
FEDERAL LAND *** MATCH LINE			15590+00		
	60	22		(A-E1-E2)	
464 125.			15611+28		BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
	60	60		(B-C)	
464 225.			15612+28		END PAD CROSSOVER
	12	60		(B-E1-E2)	
465 795.			15646+86		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
	60	60		(A-C)	
465 895.			15647+86		END PAD CROSSOVER
	60	22		(A-E2)	
465-8 247.			15661+19		BEGIN PAD CROSSOVER, A/G TO B/G TRANSITION
	60	60		(B-C)	
465-8 347.			15662+19		END PAD CROSSOVER
	12	60		(B-E1-E2)	
467 1991.			15696+16		B/G TO A/G TRANSITION
	22	60		(A-E1-E2)	
469-8 377.			15721+29		A/G TO B/G TRANSITION
	12	60		(B-E2)	
471 1839.			15780+95		BEGIN PAD CROSSOVER, B/G TO A/G TRANSITION
	60	60		(A-C)	
471 1939.			15781+95		END PAD CROSSOVER
	60	22		(A-E1-E2)	
473-10 259.			15841+73		A/G TO B/G TRANSITION
	60	12		(B-E2)	
473-10 1766.			15857+02		BEGIN PAD CROSSOVER
	60	60		(B-C-E2)	
473-10 1816.			15857+52		C/L EXISTING ROADWAY
	60	60		(B-C-E2-F)	
473-10 1866.			15858+02		END PAD CROSSOVER
	12	60		(B-E2)	
MATCH LINE			15900+00		

81-1

81-1

81-1

G-100 SERIES ALIGNMENT SHEET 55
21 APR 80

POINT I.D. + DISTANCE	HORZ. DISTANCE	ROW WIDTHS DIRECTION OF FLOW		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		RIGHT V	LEFT V			
FEDERAL LAND *** MATCH LINE				15900+00		
474	2512.	12	60	15909+50	(B-E2)	N. BDY: REMOTE GATE VALVE 54
474	2847.	12	135	15912+85	(B-V)	S. BDY. REMOTE GATE VALVE 54
474	3054.	12	60	15914+94	(B-E2)	BEGIN WIDENING
475	2284.	12	60	15938+29	(B-E2)	B/G TO A/G TRANSITION
476-8	60.	22	60	15991+04	(A-E2)	KANUTI RIVER CROSSING, A/G TO B/G TRANSITION
477	367.	80	100	16000+56	(B-F)	END WIDENING
480	4021.	12	42	16121+69	(B)	B/G TO A/G TRANSITION, BEGIN WIDENING
MATCH LINE		22	60	16220+00	(A-E2)	

81-1
RECORDED - FILED
Valley
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

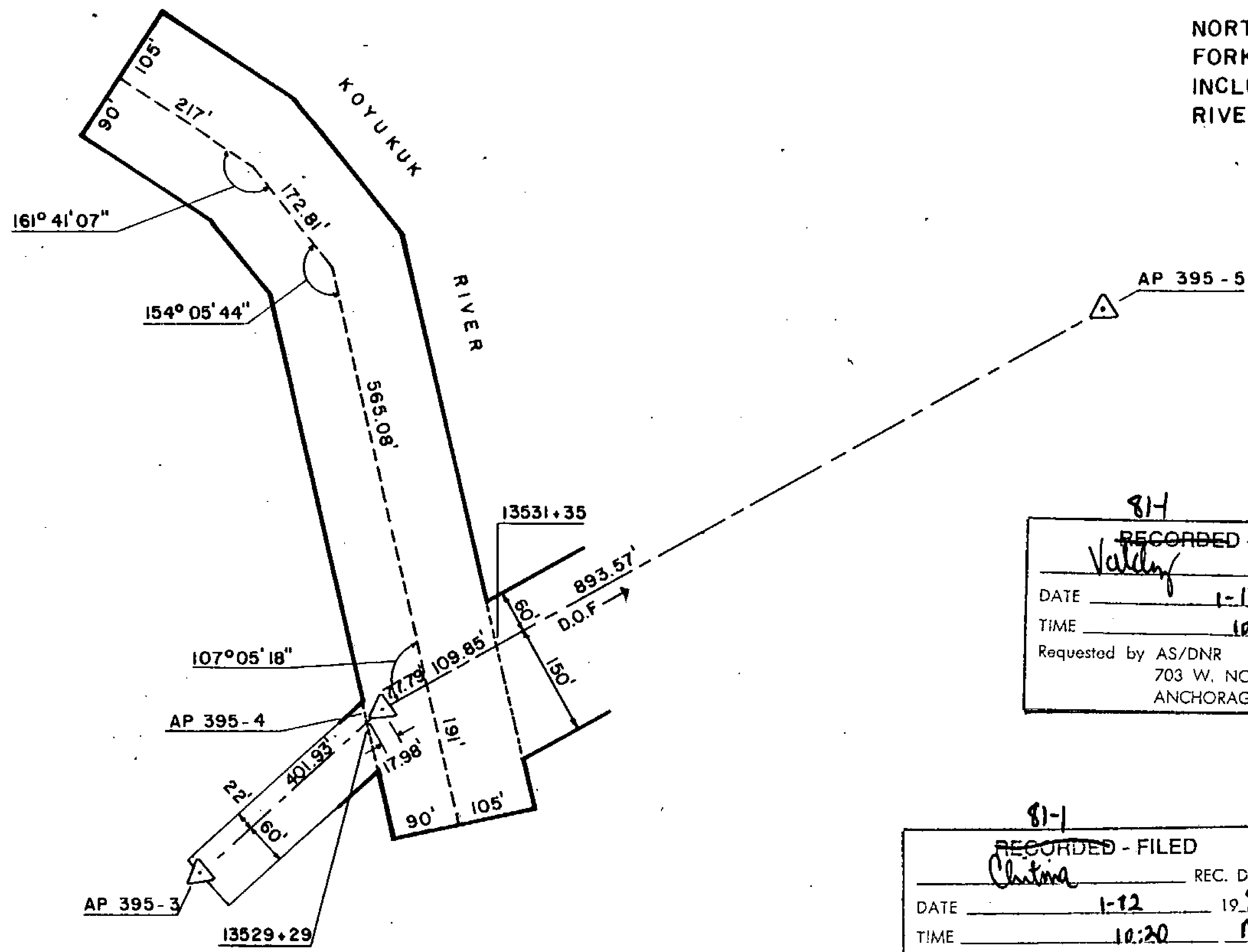
81-1
RECORDED - FILED
Christina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora
REC. DIST. _____
DATE 1-7 1981
TIME 1:34 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. D. Johnson
REC. DIST. _____
DATE 1-7 1981
TIME 2:12 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503



NORTH GUIDE BANK - SOUTH
 FORK KOYUKUK RIVER,
 INCLUDING CROSSOVER;
 RIVER WIDENING

81-1
 RECORDED - FILED
Fairbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:29 P
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

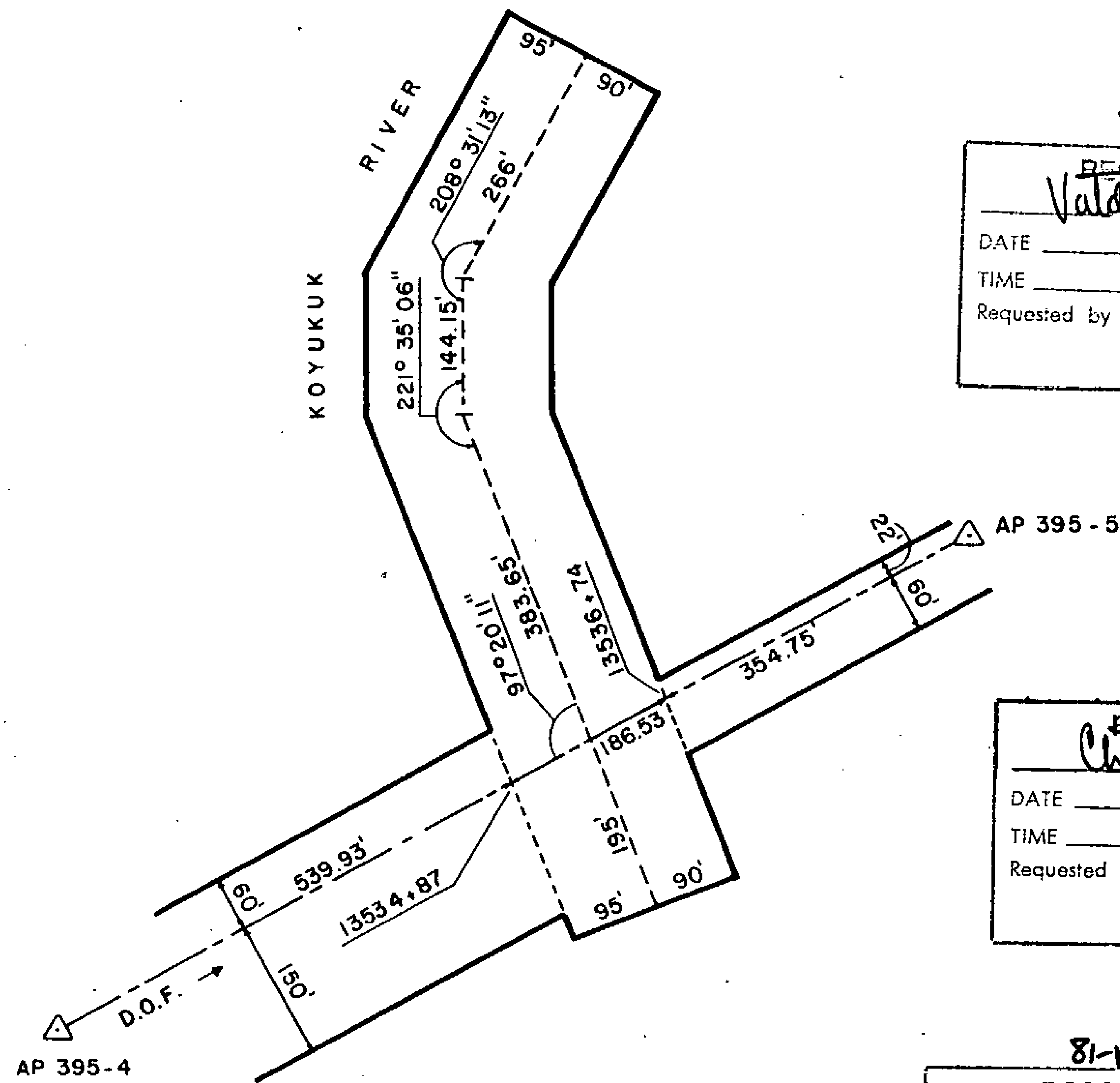
81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Ignace REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47
 STATION 13529+29
 FIELD BOOK 170-126, PAGE 2-8
 SCALE 1" = 200'
 DATE: AUGUST 29, 1978



SOUTH GUIDE BANK - SOUTH
 FORK KOYUKUK RIVER,
 INCLUDING CROSSOVER;
 RIVER WIDENING.

81-1
 RECORDED - FILED
Valdny REC. DIST.
 DATE 1-7 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

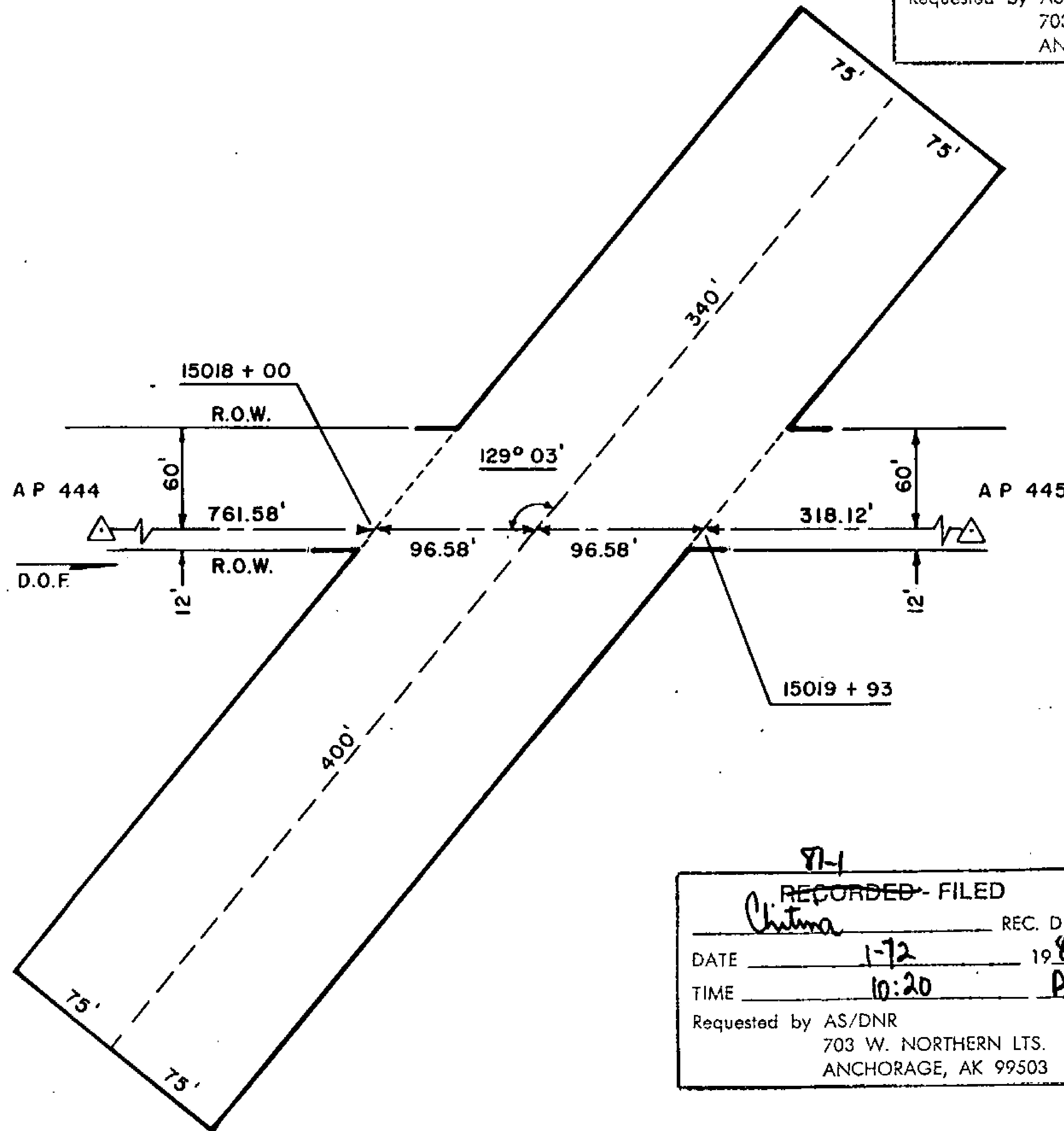
81-1
 RECORDED - FILED
Rammert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rammert REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47
 STATION 13534+87
 FIELD BOOK 170-126, PAGE 2 - 8
 SCALE: 1" = 200'
 DATE: AUG., 1978



81-1
RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampat REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Sullivan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

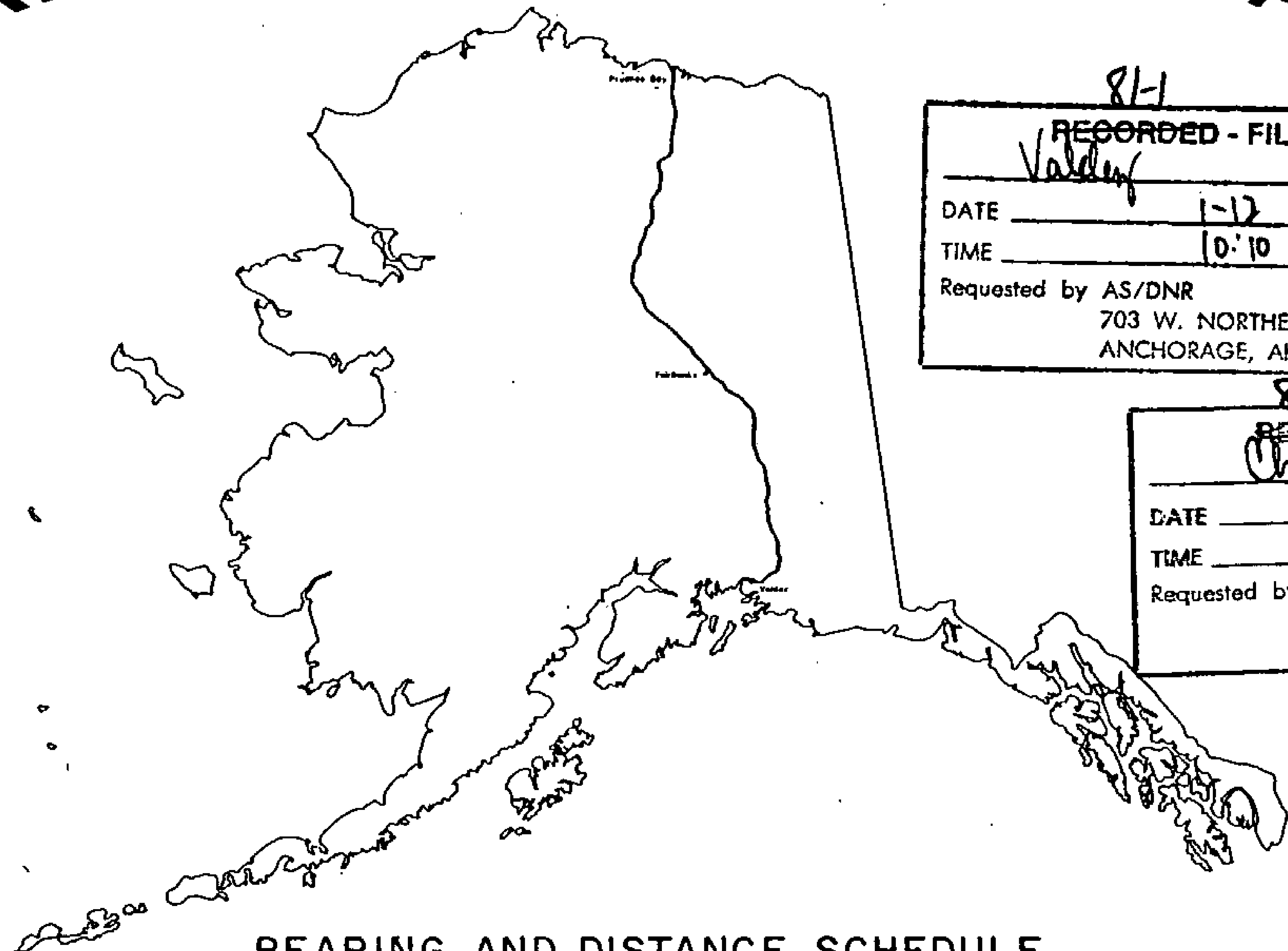
81-1
RECORDED - FILED
Burner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
L. S. ... REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52
STATION 15018+00
SPUR DIKE 2
FIELD BOOK 170-127, PAGE 38 & 39
SCALE: 1" = 100'
DATE: AUG., 1978

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



BEARING AND DISTANCE SCHEDULE

Alyeska pipeline

SERVICE COMPANY

Prepared by
OCEAN TECHNOLOGY LTD

agent for:
AMERADA HESS PIPELINE CORPORATION
ARCO PIPELINE COMPANY
BP PIPELINES INC
EXXON PIPELINE COMPANY
MOBIL ALASKA PIPELINE COMPANY
PHILLIPS ALASKA PIPELINE COMPANY
SHELL PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

81-1
Valdez

RECORDED - FILED
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
Chitna

RECORDED - FILED
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
Fairbanks

RECORDED - FILED
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
Siberia

RECORDED - FILED
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
Rampart

RECORDED - FILED
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
Barrow

RECORDED - FILED
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 46

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
386 - 6	4786454.12 451011.11	184 46 28 1438.00 S 4 27 27 W 1438.14	707	1620
386 - 7	4785021.11 450891.42	197 16 24 419.76 S 16 57 20 W 419.80	706	1621
386 - 8	4784620.28 450766.78	185 13 19 60.21 S 4 54 14 W 60.22	705	1622
386 - 9	4784560.32 450761.30	177 53 58 1250.61 S 2 25 7 E 1250.73	704	1623
387 - 1	4783310.55 450807.14	165 28 52 419.55 S 14 50 11 E 419.59	703	1624
387 - 2	4782904.40 450912.32	177 55 56 1250.19 S 2 23 5 E 1250.31	702	1625
387 - 3	4781655.03 450957.43	190 27 30 419.07 S 10 8 29 W 419.11	701	1626
387 - 4	4781242.92 450881.36	177 57 56 60.01 S 2 21 5 E 60.01	700	1627
387 - 5	4781182.95 450883.49	174 43 31 791.56 S 5 35 30 E 791.64	699	1628
388 - 1	4780394.74 450956.26	162 13 1 419.96 S 18 5 57 E 420.00	698	1629
388 - 2	4779994.85 451084.52	174 43 23 908.43 S 5 35 33 E 908.52	697	1630
388 - 3	4779090.27 451168.07	187 13 55 418.95 S 6 54 59 W 418.99	696	1631
388 - 4	4778674.65 451115.33	174 46 46 59.79 S 5 32 10 E 59.79	695	1632
388 - 5	4778615.11 451120.77	169 56 51 837.11 S 10 22 4 E 837.19	694	1633
389 - 1	4777790.85 451266.89	157 24 18 417.16 S 22 54 33 E 417.20	693	1634
389 - 2	4777405.71 451427.17		692	1635

814
RECORDED - FILED
Valdy REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Jainkumar REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Rampton REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
At Johnson REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 46

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
389 - 2	4777405.71	451427.17	169 54 7	1193.50	S 10 24 39 E	692 1635
389 - 3	4776230.70	451636.43	182 27 30	419.65	S 2 8 46 W	691 1636
389 - 4	4775811.44	451618.43	169 54 23	1017.58	S 10 24 19 E	690 1637
389 - 5	4774809.61	451796.77	157 26 41	420.39	S 22 51 57 E	689 1638
389 - 6	4774421.38	451958.02	169 46 20	59.70	S 10 32 15 E	688 1639
390	4774362.63	451968.62	170 1 55	608.89	S 10 16 40 E	687 1640
390 - 1	4773762.93	452074.02	182 43 42	419.96	S 2 25 9 W	686 1641
390 - 2	4773343.45	452054.03	170 6 29	849.23	S 10 12 3 E	685 1642
390 - 3	4772506.85	452199.92	157 35 49	419.74	S 22 42 39 E	684 1643
390 - 4	4772118.79	452359.89	170 6 43	718.71	S 10 11 42 E	683 1644
390 - 5	4771410.76	452483.31	165 13 42	59.89	S 15 4 41 E	682 1645
391 - 1	4771352.85	452498.58	155 10 43	59.67	S 25 7 40 E	681 1646
391 - 2	4771298.69	452523.63	149 32 38	611.96	S 30 45 41 E	680 1647
391 - 3	4770771.17	452833.82	162 8 59	419.80	S 18 9 14 E	679 1648
391 - 4	4770371.58	452962.50	149 36 57	970.57	S 30 41 9 E	678 1649
391 - 5	4769534.31	453453.41				677 1650

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rainbow
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Sullivan
 DATE 17 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 46

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
391 - 5	4769534.31 453453.41	137 4 20	419.28	677	1650
391 - 6	4769227.31 453738.97	149 45 5	60.13	676	1651
392	4769175.37 453769.26	152 25 28	1142.04	675	1652
392 - 1	4768163.07 454297.93	164 56 29	418.85	674	1653
392 - 2	4767758.60 454406.75	152 24 48	1318.88	673	1654
392 - 3	4766589.66 455017.51	139 56 49	419.57	672	1655
392 - 4	4766268.50 455287.50	152 24 14	1437.49	671	1656
392 - 5	4764994.55 455953.40	139 54 13	419.89	670	1657
392 - 6	4764673.35 456223.84	152 25 48	1223.85	669	1658
392 - 7	4763588.47 456790.28	164 56 28	418.15	668	1659
392 - 8	4763184.68 456898.92	152 16 53	56.20	667	1660
393	4763134.93 456925.06	140 43 28	1112.67	666	1661
393 - 1	4762273.60 457629.44	128 13 53	420.21	665	1662
393 - 2	4762013.56 457959.52	140 14 31	60.15	664	1663
393 - 3	4761967.32 457997.99	148 9 11	60.00	663	1664
394 - 1	4761916.35 458029.65			662	1665

81-1
RECORDED - FILED
Valdini
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Sandra
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Alampant
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Alampant
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 46

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
394 - 1	4761916.35	458029.65	155 45 14	876.28	S 24 30 55 E	662 1665
394 - 2	4761117.37	458389.50	168 13 36	418.54	S 12 2 28 E	661 1666
394 - 3	4760707.63	458474.90	155 43 17	452.29	S 24 32 43 E	660 1667
394 - 4	4760295.34	458660.87	160 30 5	58.54	S 19 45 53 E	659 1668
394 - 5	4760240.16	458680.41	169 14 57	58.86	S 11 1 1 E	658 1669
395 - 1	4760182.33	458691.39	179 33 20	59.29	S 0 42 38 E	657 1670
395 - 2	4760123.04	458691.85				656 1671

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zumbardo REC. DIST.
 DATE 1-7 19 81
 TIME 1:36 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Nampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Dillon REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.		
	Y ZONE 4	X	AZIMUTH	DIST			BEARING	DIST
395 - 2	4760123.04	458691.85	184 6 38	498.31	S 3 50 40 W	498.36	656	1671
395 - 3	4759626.01	458656.13	171 32 40	419.87	S 8 43 18 E	419.91	655	1672
395 - 4	4759210.70	458717.87	184 1 41	1081.10	S 3 45 43 W	1081.21	654	1673
395 - 5	4758132.27	458641.93	196 34 4	419.85	S 16 18 4 W	419.89	653	1674
395 - 6	4757729.85	458522.21	184 2 6	541.04	S 3 46 4 W	541.09	652	1675
395 - 7	4757190.15	458484.14	178 42 6	60.03	S 1 33 56 E	60.03	651	1676
396 - 1	4757130.14	458485.50	166 39 58	60.14	S 13 36 3 E	60.15	650	1677
396 - 2	4757071.62	458499.37	161 20 26	476.49	S 18 55 33 E	476.54	649	1678
396 - 3	4756620.17	458651.82	148 51 17	419.96	S 31 24 39 E	420.01	648	1679
396 - 4	4756260.74	458869.03	161 20 43	545.17	S 18 55 8 E	545.23	647	1680
396 - 5	4755744.21	459043.41	166 48 56	53.62	S 13 26 52 E	53.63	646	1681
396 - 6	4755692.00	459055.64	177 50 11	53.77	S 2 25 38 E	53.77	645	1682
397 - 1	4755638.27	459057.67	188 29 9	53.33	S 8 13 20 W	53.34	644	1683
397 - 2	4755585.52	459049.80	193 54 14	735.68	S 13 38 24 W	735.75	643	1684
397 - 3	4754871.40	458873.02	206 22 32	419.44	S 26 6 37 W	419.49	642	1685
397 - 4	4754495.62	458686.68					641	1686

817
RECORDED - FILED
Valdez
 REC. DIST. _____
 DATE 1-17 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Whitman
 REC. DIST. _____
 DATE 1-17 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Barbano
 REC. DIST. _____
 DATE 1-17 1981
 TIME 1:31 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Barnow
 REC. DIST. _____
 DATE 1-17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-17 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
RECORDED - FILED
H. Seltzer
 REC. DIST. _____
 DATE 1-17 1981
 TIME 2:13 29 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
397 - 4	4754495.62 458686.68	194 12 30	59.93	S 13 56 33 W	641 1686
398	4754437.52 458671.97	188 19 8	900.73	S 8 3 9 W	640 1687
398 - 1	4753546.27 458541.65	194 48 50	54.09	S 14 32 50 W	639 1688
399 - 1	4753493.98 458527.82	201 40 13	65.51	S 21 24 12 W	638 1689
399 - 2	4753433.10 458503.63	214 27 39	419.18	S 34 11 35 W	637 1690
399 - 3	4753087.48 458266.44	201 54 47	955.18	S 21 38 36 W	636 1691
399 - 4	4752201.31 457909.97	189 28 27	420.11	S 9 12 11 W	635 1692
399 - 5	4751786.93 457840.82	201 54 19	1013.31	S 21 37 59 W	634 1693
399 - 6	4750846.78 457462.78	214 27 57	419.43	S 34 11 30 W	633 1694
399 - 7	4750500.98 457225.42	201 53 53	1140.69	S 21 37 18 W	632 1695
399 - 8	4749442.59 456799.99	207 57 52	60.22	S 27 41 11 W	631 1696
400 - 1	4749389.40 456771.75	219 9 36	59.99	S 38 52 55 W	630 1697
400 - 2	4749342.89 456733.87	224 51 60	959.91	S 44 35 11 W	629 1698
400 - 3	4748662.55 456056.69	212 19 44	419.42	S 32 2 45 W	628 1699
400 - 4	4748308.14 455832.39	224 52 55	1142.06	S 44 35 43 W	627 1700
400 - 5	4747498.92 455026.50				626 1701

81-1
RECORDED - FILED
Valley
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora
 DATE 1-7 19 81
 TIME 1:34 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burton
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. John
 DATE 1-7 19 81
 TIME 2:13 30 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.	
	Y ZONE 4	X	AZIMUTH	DIST			BEARING
400 - 5	4747498.92	455026.50	212 16 43	419.75	S 31 59 20 W	419.79	626 1701
400 - 6	4747144.04	454802.34	224 51 39	1381.83	S 44 34 2 W	1381.97	625 1702
400 - 7	4746164.57	453827.61	237 22 9	419.54	S 57 4 16 W	419.58	624 1703
400 - 8	4745938.34	453474.29	224 52 7	1444.44	S 44 33 59 W	1444.58	623 1704
400 - 9	4744914.63	452455.26	237 22 20	419.88	S 57 3 56 W	419.92	622 1705
400 -10	4744688.24	452101.64	224 51 41	1445.19	S 44 33 1 W	1445.33	621 1706
400 -11	4743663.87	451082.21	212 23 24	419.77	S 32 4 30 W	419.81	620 1707
400 -12	4743309.41	450857.35	224 47 54	59.98	S 44 28 57 W	59.98	619 1708
401	4743266.85	450815.09	230 5 33	1263.67	S 49 46 24 W	1263.80	618 1709
401 - 1	4742456.14	449845.75	217 34 44	419.58	S 37 15 21 W	419.62	617 1710
401 - 2	4742123.62	449589.87	230 5 48	1143.78	S 49 46 12 W	1143.90	616 1711
401 - 3	4741389.89	448712.44	242 34 11	419.82	S 62 14 20 W	419.86	615 1712
401 - 4	4741196.49	448339.82	230 6 2	1067.52	S 49 45 58 W	1067.62	614 1713
401 - 5	4740511.74	447520.85	237 38 31	58.32	S 57 18 17 W	58.32	613 1714
402 - 1	4740480.53	447471.59	245 28 47	58.77	S 65 8 32 W	58.78	612 1715
402 - 2	4740456.14	447418.12					611 1716

814
RECORDED - FILED
Valley
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Christina
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Debra
 DATE 1-7 19 81
 TIME 1:31 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Benson
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
Kampan
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
RECORDED - FILED
St. John
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
402 - 2	4740456.14	447418.12	257 48 11	419.68	611	1716
402 - 3	4740367.47	447007.91	245 20 20	944.35	610	1717
402 - 4	4739973.44	446149.69	239 37 45	59.30	609	1718
402 - 5	4739943.46	446098.53	229 46 1	60.16	608	1719
403 - 1	4739904.60	446052.60	223 53 42	459.83	607	1720
403 - 2	4739573.24	445733.78	211 24 27	419.58	606	1721
403 - 3	4739215.14	445515.13	223 56 31	706.80	605	1722
403 - 4	4738706.21	445024.66	211 25 16	419.59	604	1723
403 - 5	4738348.15	444805.92			603	1724

81-1
RECORDED - FILED
Valley
 DATE 1-23 1981
 TIME 10:10 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-17 1981
 TIME 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jambon
 DATE 1-7 1981
 TIME 1:35 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banrow
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Al Nelson
 DATE 1-7 1981
 TIME 2:13 P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 48

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
403 - 5	4738348.15 444805.92	223 56 22 898.07 S 43 34 59 W 898.16	603	1724
403 - 6	4737701.47 444182.75	236 26 42 419.79 S 56 5 8 W 419.83	602	1725
403 - 7	4737469.44 443832.92	223 54 23 59.66 S 43 32 44 W 59.66	601	1726
404	4737426.46 443791.55	218 42 14 654.46 S 38 20 30 W 654.52	971	1727
404 - 1	4736915.73 443382.32	206 16 2 419.92 S 25 54 12 W 419.96	970	1728
404 - 2	4736539.17 443196.48	218 43 38 1195.00 S 38 21 37 W 1195.12	969	1729
404 - 3	4735606.91 442448.87	231 16 7 419.18 S 50 53 54 W 419.22	968	1730
404 - 4	4735344.64 442121.87	218 44 35 1443.30 S 38 22 7 W 1443.44	967	1731
404 - 5	4734218.92 441218.61	231 15 23 419.36 S 50 52 41 W 419.40	966	1732
404 - 6	4733956.47 440891.53	219 18 31 60.40 S 38 55 45 W 60.40	965	1733
404 - 7	4733909.74 440853.27	211 7 10 60.10 S 30 44 23 W 60.10	964	1734
405 - 1	4733858.29 440822.21	205 42 8 906.12 S 25 19 16 W 906.21	963	1735
405 - 2	4733041.82 440429.23	192 27 27 420.18 S 12 4 30 W 420.22	962	1736
405 - 3	4732631.53 440338.59	205 27 19 786.49 S 25 4 17 W 786.57	961	1737
405 - 4	4731921.39 440000.55	217 55 38 420.31 S 37 32 30 W 420.35	960	1738
405 - 5	4731589.85 439742.20		959	1739

81-1
RECORDED - FILED
Valley
REC. DIST. _____
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina
REC. DIST. _____
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo
REC. DIST. _____
DATE 1-7 1981
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bunnick
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hampert
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Sullivan
REC. DIST. _____
DATE 1-7 1981
TIME 2:13 3:31 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 48

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X	AZIMUTH			
405 - 5	4731589.85 439742.20	205 28 20	1080.12	959	1739
405 - 6	4730614.73 439277.67	197 14 20	60.13	958	1740
406 - 1	4730557.30 439259.85	189 33 49	60.43	957	1741
406 - 2	4730497.71 439249.81	177 3 39	419.70	956	1742
406 - 3	4730078.56 439271.33	189 34 23	1387.09	955	1743
406 - 4	4728710.79 439040.65	202 2 53	419.60	954	1744
406 - 5	4728321.88 438883.14	189 34 48	1266.89	953	1745
406 - 6	4727072.66 438672.30	177 2 24	419.83	952	1746
406 - 7	4726653.39 438693.98	189 15 44	59.64	951	1747
406 - 8	4726594.52 438684.38	198 14 50	60.14	950	1748
407 - 1	4726537.41 438665.55	207 7 54	1185.06	949	1749
407 - 2	4725482.75 438125.12	194 37 27	419.80	948	1750
407 - 3	4725076.55 438019.13	207 7 23	1304.54	947	1751
407 - 4	4723915.47 437424.39	219 31 4	420.04	946	1752
407 - 5	4723591.44 437157.11	207 9 13	1259.13	945	1753
407 - 6	4722471.08 436582.47			944	1754

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN L
 ANCHORAGE, AK

81-1
RECORDED - FILED
Zander REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Boomer REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Kim Pent REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Sullivan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK

ALIGNMENT SHEET 48

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
407 - 6	4722471.08	436582.47	219 38 49	420.14	S 39 14 23 W	944 1754
407 - 7	4722147.58	436314.40	207 7 10	959.12	S 26 42 36 W	943 1755
407 - 8	4721293.91	435877.19	212 34 31	60.27	S 32 9 51 W	942 1756
408 - 1	4721243.12	435844.74	224 9 35	61.28	S 43 44 55 W	941 1757
408 - 2	4721199.16	435802.05	229 29 45	848.23	S 49 4 57 W	940 1758
408 - 3	4720648.23	435157.09	217 3 17	420.59	S 36 38 18 W	939 1759
408 - 4	4720312.57	434903.65	229 28 55	1147.50	S 49 3 43 W	938 1760
408 - 5	4719567.05	434031.32	241 59 9	420.32	S 61 33 44 W	937 1761
408 - 6	4719369.63	433660.25	229 33 18	59.93	S 49 7 48 W	936 1762
408 - 7	4719330.75	433614.64	221 40 21	59.83	S 41 14 50 W	935 1763
409 - 1	4719286.06	433574.86	212 45 31	1014.62	S 32 19 53 W	934 1764
409 - 2	4718432.81	433025.85	200 15 40	419.26	S 19 49 54 W	933 1765
409 - 3	4718039.49	432880.66	212 47 18	1135.03	S 32 21 24 W	932 1766
409 - 4	4717085.30	432266.00	225 18 56	419.84	S 44 52 51 W	931 1767
409 - 5	4716790.07	431967.50	212 47 1	1022.74	S 32 20 46 W	930 1768
409 - 6	4715930.23	431413.72				929 1769

81-1
RECORDED - FILED
Valdez REC. DIST.
 DATE 1-12 1991
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina REC. DIST.
 DATE 1-12 1991
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Furber REC. DIST.
 DATE 1-7 1991
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Ignace REC. DIST.
 DATE 1-7 1991
 TIME 2:13 35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 48

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
409 - 6	4715930.23	431413.72			929	1769
409 - 7	4715536.57	431270.25	200 1 28	418.99	S 19 35 5 W	419.03 928 1770

8/1
RECORDED - FILED
Valdy REC. DIST.
DATE 1-12 1981
TIME 10:10 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

8/1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 A M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

8/1
RECORDED - FILED
Zambora REC. DIST.
DATE 1-7 1981
TIME 1:39 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

8/1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

8/1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

8/1
RECORDED - FILED
A. Sullivan REC. DIST.
DATE 1-7 1981
TIME 2:13 36 P M
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 49

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
409 - 7	4715536.57	431270.25	212 52 35	674.85	S 32 26 7 W	928 1770
409 - 8	4714969.80	430903.92	220 0 10	62.09	S 39 33 37 W	927 1771
410 - 1	4714922.24	430864.01	228 51 2	62.11	S 48 24 28 W	926 1772
410 - 2	4714881.37	430817.24	240 21 22	419.89	S 59 54 43 W	925 1773
410 - 3	4714673.69	430452.31	227 53 24	896.45	S 47 26 34 W	924 1774
410 - 4	4714072.57	429787.27	215 23 2	420.07	S 34 56 1 W	923 1775
410 - 5	4713730.09	429544.03	227 52 25	1173.46	S 47 25 12 W	922 1776
410 - 6	4712942.97	428673.71	215 22 39	419.44	S 34 55 13 W	921 1777
410 - 7	4712600.98	428430.87	227 53 42	1482.43	S 47 26 1 W	920 1778
410 - 8	4711607.02	427331.03	240 13 26	419.48	S 59 45 28 W	919 1779
410 - 9	4711398.70	426966.93	228 55 28	63.54	S 48 27 25 W	918 1780
411	4711356.95	426919.03	227 12 31	930.42	S 46 44 20 W	917 1781
411 - 1	4710724.89	426236.26	214 40 14	179.78	S 34 11 53 W	916 1782
411 - 2	4710577.03	426133.99	227 11 53	230.27	S 46 43 29 W	915 1783
411 - 3	4710420.57	425965.04	240 0 9	169.77	S 59 31 43 W	914 1784
411 - 4	4710335.69	425818.01				913 1785

81-1
RECORDED - FILED
Valdery
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Clinton
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Sutton
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
411 - 4	4710335.69 425818.01	227 15 41 977.42 S 46 47 4 W 977.51	913	1785
412	4709672.36 425100.14	206 27 21 1327.12 S 25 58 29 W 1327.24	244	1786
412 - 1	4708484.22 424508.90	194 15 10 180.34 S 13 46 12 W 180.36	912	1787
412 - 2	4708309.43 424464.50	206 26 48 114.87 S 25 57 48 W 114.88	911	1788
412 - 3	4708206.58 424413.34	215 2 50 59.70 S 34 33 50 W 59.70	910	1789
413 - 1	4708157.71 424379.06	227 35 46 180.47 S 47 6 44 W 180.49	908	1790
413 - 2	4708036.01 424245.80	215 9 51 237.15 S 34 40 46 W 237.17	907	1791
413 - 3	4707842.14 424109.22	227 38 41 420.21 S 47 9 30 W 420.25	906	1792
413 - 4	4707559.03 423798.69	215 7 55 433.93 S 34 38 38 W 433.97	905	1793
413 - 5	4707204.15 423548.98	214 34 19 64.15 S 34 4 59 W 64.15	904	1794
414 - 1	4707151.33 423512.58	202 1 54 420.05 S 21 32 32 W 420.09	903	1795
414 - 2	4706761.95 423355.01	214 31 45 689.82 S 34 2 17 W 689.89	902	1796
414 - 3	4706193.65 422964.00	202 1 6 419.95 S 21 31 31 W 419.99	901	1797
414 - 4	4705804.33 422806.56	214 31 1 59.90 S 34 1 24 W 59.90	900	1798
414 - 5	4705754.98 422772.62	225 2 39 424.50 S 44 32 58 W 424.54	899	1799
415 - 1	4705455.04 422472.22		898	1800

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitna REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Summit REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P
 Requested by AS/DNR
 703 W. NORTHERN L
 ANCHORAGE, AK

81-1
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 38 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
415 - 1	4705455.04	422472.22			898	1800
415 - 2	4705229.48	422117.84	237 31 24	420.08	897	1801
415 - 3	4704758.95	421646.21	225 4 1	666.21	896	1802
416 - 1	4704712.98	421608.84	219 6 25	59.25	895	1803
416 - 2	4704661.23	421579.65	209 25 32	59.41	894	1804
416 - 3	4703835.16	421220.68	203 29 15	900.70	893	1805
416 - 4	4703495.42	420973.78	216 0 26	419.98	892	1806
416 - 5	4702393.42	420494.20	203 31 6	1201.83	891	1807
416 - 6	4701981.09	420413.97	191 0 39	420.06	890	1808
416 - 7	4700659.95	419839.12	203 30 53	1440.79	889	1809
416 - 8	4700320.25	419592.09	216 1 29	420.02	888	1810
416 - 9	4699437.08	419207.81	203 30 52	963.15	887	1811
416 - 10	4699026.20	419128.10	190 58 44	418.54	886	1812
417	4698970.01	419103.61	203 32 57	61.30	885	1813
418	4698161.27	418689.07	207 8 19	908.79	884	1814
418 - 1	4698110.02	418658.04	211 11 36	59.91	883	1815

81-1
RECORDED - FILED
Vadby
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fanbrink
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Burrow
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Il Subm 39
 REC. DIST. _____
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
418 - 1	4698110.02 418658.04	223 52 37	419.95	883	1815
418 - 2	4697807.31 418366.97	211 22 23	1462.92	882	1816
418 - 3	4696558.27 417605.36	198 52 6	419.95	881	1817
418 - 4	4696160.89 417469.55	211 22 3	744.02	880	1818
418 - 5	4695525.61 417082.27	198 51 53	180.34	879	1819
418 - 6	4695354.96 417023.96	211 22 36	182.25	878	1820
418 - 7	4695199.36 416929.07	223 52 16	180.18	877	1821
418 - 8	4695069.47 416804.20	211 24 19	239.61	876	1822
418 - 9	4694864.96 416679.34	198 51 10	180.02	875	1823
418 -10	4694694.60 416621.17	211 14 9	119.23	874	1824
418 -11	4694592.65 416559.34	220 28 57	59.70	873	1825
419 - 1	4694547.24 416520.58	229 40 3	60.55	872	1826
419 - 2	4694508.05 416474.42	242 2 52	179.93	871	1827
419 - 3	4694423.71 416315.48	229 35 51	560.81	870	1828
419 - 4	4694060.22 415888.42	217 2 60	180.11	869	1829
419 - 5	4693916.47 415779.90			868	1830

81-1
RECORDED - FILED
Valdny
 DATE 1-12 1981
 TIME 10:10 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina
 DATE 1-12 1981
 TIME 10:20 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Lambert
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St Helon
 DATE 1-7 1981
 TIME 2:13 40 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST.		
419 - 5	4693916.47	415779.90	229 31 58	190.40	868	1830
419 - 6	4693792.90	415635.05	242 3 39	179.84	867	1831
419 - 7	4693708.64	415476.17			866	1832

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
J. Lamb
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Prompt
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Hilbert
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
419 - 7	4693708.64	415476.17	229 26 45	1432.25	866	1832
420	4692777.44	414387.96	240 26 6	1037.05	243	1833
420 - 1	4692265.75	413485.94	227 45 9	180.20	865	1834
420 - 2	4692144.60	413352.55	240 17 16	178.66	864	1835
420 - 3	4692056.05	413197.38	252 40 30	180.05	863	1836
420 - 4	4692002.43	413025.50	240 15 11	425.52	862	1837
420 - 5	4691791.30	412656.05	227 46 13	180.28	861	1838
420 - 6	4691670.13	412522.56	240 15 1	181.59	860	1839
420 - 7	4691580.02	412364.90	252 45 4	180.12	859	1840
420 - 8	4691526.61	412192.88	240 14 50	299.66	858	1841
420 - 9	4691377.90	411932.72	227 44 32	180.17	857	1842
420 -10	4691256.74	411799.37	240 16 10	179.57	856	1843
420 -11	4691167.69	411643.44	252 17 13	179.78	855	1844
420 -12	4691112.99	411472.18	240 56 17	120.10	854	1845
420 -13	4691054.65	411367.20	227 48 19	179.72	853	1846
420 -14	4690933.94	411234.05			852	1847

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:30 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Johanna
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Kennar
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hilton
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
420 -14	4690933.94 411234.05	240 15 1	179.98	S 59 41 1 W	180.00 852 1847
420 -15	4690844.63 411077.79	252 40 18	180.76	S 72 6 14 W	180.78 851 1848
420 -16	4690790.79 410905.23	240 14 38	119.06	S 59 40 30 W	119.07 850 1849
421	4690731.70 410801.87	249 31 60	59.66	S 68 57 50 W	59.66 849 1850
421 - 1	4690710.84 410745.98	262 0 55	180.20	S 81 26 43 W	180.21 848 1851
421 - 2	4690685.81 410567.53	249 36 3	110.05	S 69 1 48 W	110.06 847 1852
421 - 3	4690647.45 410464.38	237 1 4	180.06	S 56 26 46 W	180.07 846 1853
421 - 4	4690549.43 410313.34	249 33 12	400.48	S 68 58 48 W	400.52 845 1854
421 - 5	4690409.53 409938.09	237 3 8	420.33	S 56 28 35 W	420.37 844 1855
421 - 6	4690180.92 409585.36	249 33 16	657.20	S 68 58 33 W	657.26 843 1856
421 - 7	4689951.35 408969.56	262 3 2	419.95	S 81 28 6 W	419.98 842 1857
421 - 8	4689893.27 408553.65	249 32 15	900.11	S 68 57 5 W	900.19 841 1858
421 - 9	4689578.60 407710.34	244 43 18	59.97	S 64 7 58 W	59.98 840 1859
421 -10	4689552.99 407656.11	234 55 22	60.03	S 54 20 0 W	60.04 839 1860
422 - 1	4689518.49 407606.98	225 34 10	60.43	S 44 58 48 W	60.43 838 1861
422 - 2	4689476.19 407563.83				837 1862

81-1
RECORDED - FILED
Valdery
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Jainkank
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Hubert
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
422 - 2	4689476.19 407563.83	220 9 10 823.76 S 39 33 41 W 823.83	837	1862
422 - 3	4688846.57 407032.65	207 39 36 419.24 S 27 3 58 W 419.28	836	1863
422 - 4	4688475.24 406838.03	220 14 1 524.55 S 39 38 18 W 524.60	835	1864
422 - 5	4688074.79 406499.22	232 41 31 418.58 S 52 5 40 W 418.61	834	1865
422 - 6	4687821.09 406166.29	220 11 20 537.65 S 39 35 21 W 537.70	833	1866
422 - 7	4687410.37 405819.34	207 42 37 419.38 S 27 6 32 W 419.41	832	1867
422 - 8	4687039.09 405624.33	220 10 12 477.26 S 39 34 1 W 477.30	831	1868
422 - 9	4686674.40 405316.47	232 39 33 420.14 S 52 3 15 W 420.18	830	1869
422 - 10	4686419.56 404982.44	220 15 16 719.32 S 39 38 50 W 719.38	829	1870
422 - 11	4685870.59 404517.63	214 57 51 59.85 S 34 21 19 W 59.86	828	1871
422 - 12	4685821.54 404483.33	204 58 51 60.36 S 24 22 19 W 60.36	827	1872
423 - 1	4685766.83 404457.84	195 4 18 59.84 S 14 27 45 W 59.85	826	1873
423 - 2	4685709.05 404442.28	185 19 2 59.89 S 4 42 29 W 59.89	825	1874
423 - 3	4685649.42 404436.73	179 54 32 408.67 S 0 42 2 E 408.71	824	1875
423 - 4	4685240.75 404437.38	167 30 36 179.96 S 13 5 57 E 179.98	823	1876
423 - 5	4685065.05 404476.30		822	1877

84
RECORDED - FILED
Valley
DATE 1-12 1981
TIME 10:10 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

84
RECORDED - FILED
Christina
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

84
RECORDED - FILED
Zainab
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

84
RECORDED - FILED
Burns
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

84
RECORDED - FILED
Burns
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

84
RECORDED - FILED
Al Bidon
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
423 - 5	4685065.05 404476.30	180 1 1 169.03	822	1877
423 - 6	4684896.02 404476.25	192 32 24 179.48	820	1878
423 - 7	4684720.82 404437.28	180 1 49 1609.94	819	1879
423 - 8	4683110.88 404436.43	167 19 12 180.27	818	1880
423 - 9	4682935.01 404476.00	180 14 38 187.85	817	1881
423 -10	4682747.16 404475.20	192 16 46 179.80	816	1882
423 -11	4682571.47 404436.96	179 56 55 423.65	815	1883
423 -12	4682147.82 404437.34	184 39 54 60.25	814	1884
423 -13	4682087.77 404432.44	193 8 23 60.31	813	1885
424 - 1	4682029.04 404418.73	202 4 19 60.12	812	1886
424 - 2	4681973.33 404396.14	206 35 37 655.72	811	1887
424 - 3	4681386.98 404102.60	194 1 46 419.40	810	1888
424 - 4	4680980.09 404000.93	206 27 39 59.97	809	1889
424 - 5	4680926.41 403974.21	211 1 13 402.37	808	1890
425 - 1	4680581.58 403766.85	223 28 37 420.02	807	1891
425 - 2	4680276.79 403477.85		806	1892

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambora
 DATE 1-1 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
At Sutton
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
425 - 2	4680276.79	403477.85	210 59 19	461.77	806	1892
425 - 3	4679880.93	403240.10	198 30 6	420.10	805	1893
425 - 4	4679482.55	403106.79	210 59 3	357.30	804	1894
425 - 5	4679176.23	402922.85	223 28 31	419.84	803	1895
425 - 6	4678871.56	402633.98	210 59 43	716.16	802	1896
425 - 7	4678257.66	402265.18	205 44 45	60.32	801	1897
425 - 8	4678203.33	402238.98	196 57 43	54.64	800	1898
426 - 1	4678151.07	402223.04	184 42 49	65.71	799	1899
426 - 2	4678085.58	402217.64	174 28 20	59.90	798	1900
426 - 3	4678025.96	402223.41	169 21 59	772.79	797	1901
426 - 4	4677266.44	402366.01	156 54 22	421.15	796	1902
426 - 5	4676879.04	402531.20	169 22 23	1067.76	795	1903
426 - 6	4675829.60	402728.11	181 52 9	419.38	794	1904
426 - 7	4675410.44	402714.43	169 22 55	893.73	793	1905
426 - 8	4674532.01	402879.11	156 49 44	179.40	792	1906
426 - 9	4674367.08	402949.70			791	1907

811
RECORDED - FILED
Valley
DATE 1-12 19 81
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

817
RECORDED - FILED
Christina
DATE 1-12 19 81
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

817
RECORDED - FILED
Danrombe
DATE 1-7 19 81
TIME 1:39 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

817
RECORDED - FILED
Banrow
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

811
RECORDED - FILED
Rampart
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

811
RECORDED - FILED
H. Gibson
DATE 1-7 19 81
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
426 - 9	4674367.08	402949.70			791	1907
426 -10	4674191.52	402982.67	169 21 49	178.63	790	1908
426 -11	4674012.26	402976.62	181 55 59	179.36	789	1909
426 -12	4673778.43	403020.63	169 20 27	237.93	788	1910
427 - 1	4673718.27	403025.55	175 19 29	60.36	787	1911
427 - 2	4673659.11	403018.29	186 59 46	59.60	786	1912
427 - 3	4673274.58	402930.99	192 47 28	394.32	785	1913
427 - 4	4673094.80	402929.98	180 19 19	179.78	784	1914
427 - 5	4672924.60	402891.37	192 46 53	174.52	783	1915
427 - 6	4672762.69	402814.77	205 19 8	179.12	782	1916
427 - 7	4671967.30	402634.13	192 47 43	815.65	781	1917
427 - 8	4671787.46	402633.10	180 19 41	179.84	780	1918
427 - 9	4671612.05	402593.44	192 44 25	179.84	779	1919
427 -10	4671449.16	402516.50	205 16 60	180.15	778	1920
428	4671390.97	402503.19	192 53 4	59.69	777	1921
428 - 1	4671155.07	402483.59	184 44 58	236.72	776	1922

81-
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1991
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1991
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Lauramba REC. DIST.
 DATE 1-7 1991
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
A. Nelson REC. DIST.
 DATE 1-7 1991
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.		
	Y ZONE 4	X	AZIMUTH	DIST			BEARING	DIST
428 - 1	4671155.07	402483.59	197 14 21	179.98	S 16 37 6 W	180.00	776	1922
428 - 2	4670983.17	402430.25	184 44 2	175.94	S 4 6 47 W	175.96	775	1923
428 - 3	4670807.83	402415.73	172 18 38	179.89	S 8 18 38 E	179.90	774	1924
428 - 4	4670629.56	402439.80	184 45 31	358.02	S 4 8 16 W	358.05	773	1925
429	4670272.78	402410.10	174 36 55	59.78	S 6 0 20 E	59.79	772	1926
429 - 1	4670213.26	402415.71	162 7 59	420.07	S 18 29 15 E	420.11	771	1927
429 - 2	4669813.45	402544.59	174 36 42	483.99	S 6 0 30 E	484.03	770	1928
429 - 3	4669331.60	402590.04	187 6 52	419.86	S 6 29 40 W	419.90	769	1929
429 - 4	4668914.97	402538.04					768	1930

81-
RECORDED - FILED
Valley
DATE 1-12 1981
TIME 10:10 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Chitina
DATE 1-12 1981
TIME 10:20 A.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Stambora
DATE 1-7 1981
TIME 1:35 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Barrow
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
Rampart
DATE 1-7 1981
TIME 2:13 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-
RECORDED - FILED
St. Albans
DATE 1-7 1981
TIME 2:13 48 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 51

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
429 - 4	4668914.97	402538.04	174 36 55	423.05	S 6 0 17 E	423.08 768 1930
429 - 5	4668493.79	402577.74	162 6 18	419.49	S 18 30 52 E	419.53 767 1931
429 - 6	4668094.59	402706.64	174 36 28	478.23	S 6 0 39 E	478.27 766 1932
429 - 7	4667618.48	402751.58	187 9 42	417.90	S 6 32 35 W	417.93 765 1933
429 - 8	4667203.84	402699.48	174 37 36	297.83	S 5 59 31 E	297.86 764 1934
429 - 9	4666907.32	402727.37	162 3 25	178.89	S 18 33 41 E	178.90 763 1935
429 -10	4666737.13	402782.48	174 37 59	118.67	S 5 59 7 E	118.68 762 1936
429 -11	4666618.98	402793.58	187 8 58	178.78	S 6 31 52 W	178.79 761 1937
429 -12	4666441.59	402771.33	174 39 12	3296.30	S 5 57 50 E	3296.60 760 1938
430	4663159.63	403078.48	132 24 11	2515.82	S 48 12 26 E	2516.04 242 1939
431	4661463.11	404936.21	182 49 46	1269.22	S 2 13 30 W	1269.33 241 1940
432	4660195.44	404873.56	207 26 56	594.11	S 26 50 36 W	594.17 240 1941
433	4659668.21	404599.70	191 56 57	2357.44	S 11 20 29 W	2357.65 239 1942
434	4657361.85	404111.61	177 22 30	1200.63	S 3 14 3 E	1200.74 238 1943
435	4656162.48	404166.60	184 44 44	1258.53	S 4 8 12 W	1258.65 237 1944
436	4654908.26	404062.48				236 1945

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambardo
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
St. Sabin
 DATE 1-7 1981
 TIME 2:13 49 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 51

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
436	4654908.26	404062.48	180 2 51	3341.15	S 0 33 42 E	236 1945
437	4651567.11	404059.71	163 5 5	2633.22	S 17 31 18 E	235 1946
437 - 1	4649047.81	404825.86	150 32 48	180.35	S 30 3 25 E	759 1947
437 - 2	4648890.77	404914.54	163 7 20	55.63	S 17 28 52 E	758 1948
437 - 3	4648837.54	404930.69	175 30 47	180.10	S 5 5 25 E	757 1949
437 - 4	4648657.99	404944.78	163 5 13	468.48	S 17 30 56 E	756 1950
437 - 5	4648209.77	405081.07	150 36 23	180.15	S 29 59 44 E	755 1951
437 - 6	4648052.81	405169.49	163 8 8	118.03	S 17 27 58 E	754 1952
437 - 7	4647939.86	405203.73	167 17 43	59.93	S 13 18 23 E	753 1953
438 - 1	4647881.40	405216.91	179 57 54	180.04	S 0 38 11 E	752 1954
438 - 2	4647701.36	405217.02	167 28 37	539.31	S 13 7 26 E	751 1955
438 - 3	4647174.88	405333.96	155 0 1	180.12	S 25 35 60 E	750 1956
438 - 4	4647011.64	405410.08	167 29 7	119.57	S 13 6 53 E	749 1957
438 - 5	4646894.91	405435.99	179 55 36	179.85	S 0 40 23 E	748 1958
438 - 6	4646715.06	405436.22	167 28 50	1918.74	S 13 7 5 E	746 1959
439	4644841.94	405852.15				234 1960

81-
RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Clinton REC. DIST.
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:35 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
RECORDED - FILED
H. Sullivan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 50 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 51

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.		
	Y ZONE 4	X	AZIMUTH	DIST				
439	4644841.94	405852.15	156 34 17	1275.76	S 24 1 27 E	1275.87	234	1960
440	4643671.36	406359.40	141 48 21	2245.84	S 38 47 1 E	2246.05	233	1961
441	4641906.31	407748.07	187 27 2	1491.33	S 6 51 54 W	1491.47	232	1962
442	4640427.57	407554.69					231	1963

81-1
RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zambona
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampton
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Sullivan
 DATE 1-7 1981
 TIME 2:13 51 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
442	4640427.57	407554.69	190 42 9	1468.10	231	1963
443	4638985.01	407282.05	209 59 42	939.68	230	1964
443 - 1	4638171.18	406812.28	222 33 1	179.05	745	1965
443 - 2	4638039.28	406691.20	210 5 24	54.63	744	1966
443 - 3	4637992.01	406663.81	197 36 1	178.65	743	1967
443 - 4	4637821.72	406609.79	209 42 35	111.02	742	1968
443 - 5	4637725.30	406554.77	197 24 54	179.56	741	1969
443 - 6	4637553.97	406501.03	209 51 32	56.80	740	1970
443 - 7	4637504.71	406472.75	222 38 17	179.59	739	1971
443 - 8	4637372.59	406351.10	209 58 49	388.87	738	1972
444	4637035.75	406156.78	186 54 47	1272.74	229	1973
445	4635772.26	406003.59	194 41 30	2222.30	228	1974
446	4633622.62	405439.98	191 51 24	3223.43	227	1975
447	4630467.96	404777.68	176 25 31	2665.35	226	1976
448	4627807.79	404943.87	189 37 34	1716.39	225	1977
449	4626115.57	404656.86			224	1978

81-1
RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Junbonho
 DATE 1-7 1981
 TIME 1:35 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. Johnson
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
449	4626115.57	404656.86	181 35 23	2966.38	224	1978
450	4623150.33	404574.57	198 56 38	7193.98	223	1979
450 - 1	4616345.99	402239.11	186 26 53	180.05	737	1980
450 - 2	4616167.08	402218.89	198 55 21	62.78	736	1981
450 - 3	4616107.69	402198.53	211 23 46	180.02	735	1982
450 - 4	4615954.03	402104.75	198 56 17	242.83	734	1983
450 - 5	4615724.34	402025.94	186 26 55	180.12	733	1984
450 - 6	4615545.36	402005.71	198 58 45	119.86	732	1985
450 - 7	4615432.02	401966.73	211 25 36	179.78	731	1986
450 - 8	4615278.61	401872.99	198 40 3	540.09	730	1987
450 - 9	4614766.93	401700.12	211 46 36	420.04	729	1988
450 -10	4614409.85	401478.92	198 57 14	742.62	728	1989
450 -11	4613707.49	401237.71	193 8 55	55.57	727	1990
450 -12	4613653.38	401225.07	181 43 27	55.51	726	1991
450 -13	4613597.90	401223.40	170 36 12	54.82	725	1992
451 - 1	4613543.82	401232.35			724	1993

81-1
RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Janet
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. Horn
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 53
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
451 - 1	4613543.82 401232.35	159 47 48	55.45	724	1993
451 - 2	4613491.78 401251.50	153 42 14	556.58	723	1994
451 - 3	4612992.80 401498.07	141 12 55	419.96	722	1995
451 - 4	4612665.44 401761.13	153 45 8	58.04	721	1996
451 - 5	4612613.38 401786.80	163 6 7	58.25	720	1997
452 - 1	4612557.65 401803.73	172 26 52	613.70	719	1998
453	4611949.27 401884.39	181 16 21	50.44	718	1999
453 - 1	4611898.84 401883.27	193 35 32	419.89	717	2000
453 - 2	4611490.71 401784.59			716	2001

81-1
RECORDED - FILED
Valdez
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
2 students
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
21 Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 53

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
453 - 2	4611490.71	401784.59	181 4 24	1020.06	S 0 27 12 W	716 2001
453 - 3	4610470.83	401765.48	168 35 22	419.84	S 12 1 50 E	715 2002
453 - 4	4610059.29	401848.54	180 56 49	59.90	S 0 19 38 W	714 2003
453 - 5	4609999.40	401847.55	189 14 24	60.16	S 8 37 13 W	713 2004
454 - 1	4609940.02	401837.89	197 24 32	291.75	S 16 47 20 W	712 2005
454 - 2	4609661.63	401750.60	210 11 34	176.91	S 29 34 20 W	711 2006
454 - 3	4609508.72	401661.63	197 18 6	53.60	S 16 40 51 W	710 2007
454 - 4	4609457.55	401645.69	184 41 33	176.63	S 4 4 18 W	709 2008
454 - 5	4609281.51	401631.24	197 25 1	5712.23	S 16 47 27 W	708 2009
455	4603831.18	399921.43	228 24 7	1830.56	S 47 45 59 W	222 2010
456	4602615.87	398552.50	206 25 56	3273.74	S 25 47 16 W	221 2011
457	4599684.36	397095.24	253 32 42	1916.06	S 72 53 26 W	220 2012
458	4599141.62	395257.66	241 47 14	1215.87	S 61 7 24 W	219 2013
459	4598566.82	394186.24	219 20 8	833.78	S 38 40 0 W	218 2014
460	4597921.93	393657.74	200 51 33	3552.98	S 20 11 6 W	217 2015
461	4594601.82	392392.62				216 2016

81-1
RECORDED - FILED

Valdez REC. DIST. _____

DATE 1-12 1981

TIME 10:00 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Christina REC. DIST. _____

DATE 1-12 1981

TIME 10:30 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Kanlanes REC. DIST. _____

DATE 1-7 1981

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Barnor REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

Rampart REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED

St. Ignace REC. DIST. _____

DATE 1-7 1981

TIME 2:13 55 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 53

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
461	4594601.82	392392.62	169 8 41	3705.41	S 11 31 51 E	216 2016
462	4590962.71	393090.46	169 5 14	4542.95	S 11 34 59 E	215 2017
462 - 1	4586501.91	393950.50	181 34 18	180.13	S 0 54 15 W	707 2018
462 - 2	4586321.84	393945.56	169 5 37	108.67	S 11 34 26 E	706 2019
462 - 3	4586215.14	393966.12	156 35 38	180.17	S 24 4 24 E	705 2020
462 - 4	4586049.80	394037.69	169 5 18	283.26	S 11 34 42 E	704 2021
463	4585771.66	394091.31	171 32 14	60.00	S 9 7 45 E	703 2022
463 - 1	4585712.31	394100.14	184 6 58	418.39	S 3 26 58 W	702 2023
463 - 2	4585295.00	394070.11				701 2024

81-1
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Scarbrough
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Bannon
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Hillman
 DATE 1-7 1981
 TIME 2:13 56 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
463 - 2	4585295.00	394070.11	171 34 42	1083.52	S 9 5 16 E	701 2024
463 - 3	4584223.17	394228.80	158 52 34	413.75	S 21 47 20 E	700 2025
463 - 4	4583837.22	394377.91	171 33 41	726.82	S 9 6 10 E	699 2026
463 - 5	4583118.27	394484.57	158 53 51	177.07	S 21 45 58 E	698 2027
463 - 6	4582953.08	394548.32	171 35 45	177.69	S 9 4 3 E	697 2028
463 - 7	4582777.30	394574.29	184 14 51	178.09	S 3 35 3 W	696 2029
463 - 8	4582599.70	394561.10	171 33 22	340.71	S 9 6 26 E	695 2030
464	4582262.69	394611.13	170 41 22	2581.78	S 9 58 20 E	214 2031
465	4579714.92	395028.83	173 0 25	1121.08	S 7 39 10 E	213 2032
465 - 1	4578602.18	395165.32	185 29 53	180.25	S 4 50 20 W	694 2033
465 - 2	4578422.76	395148.05	173 3 30	118.57	S 7 36 3 E	693 2034
465 - 3	4578305.06	395162.38	160 25 36	178.89	S 20 13 56 E	692 2035
465 - 4	4578136.51	395222.31	173 1 38	117.71	S 7 37 54 E	691 2036
465 - 5	4578019.67	395236.60	160 17 19	177.15	S 20 22 12 E	690 2037
465 - 6	4577852.90	395296.35	173 2 31	116.97	S 7 36 58 E	689 2038
465 - 7	4577736.79	395310.52				688 2039

81-1
RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fairbanks
 DATE 1-9 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barrow
 DATE 1-7 1981
 TIME 2:13 57 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
465 - 7	4577736.79	395310.52	185 46 45	175.87	688	2039
465 - 8	4577561.81	395292.81	173 0 36	522.95	687	2040
466	4577042.75	395356.45	176 22 27	1205.89	212	2041
467	4575839.27	395432.71	173 10 13	2048.80	211	2042
469	4573805.01	395676.35	173 0 12	324.20	209	2043
469 - 1	4573483.23	395715.84	159 3 33	179.88	686	2044
469 - 2	4573315.23	395780.13	171 35 38	245.58	685	2045
469 - 3	4573072.29	395816.03	184 8 24	179.10	684	2046
469 - 4	4572893.66	395803.10	171 34 57	480.72	683	2047
469 - 5	4572418.12	395873.47	159 1 17	179.07	682	2048
469 - 6	4572250.92	395937.58	171 35 7	238.28	681	2049
469 - 7	4572015.20	395972.45	184 7 44	179.16	680	2050
469 - 8	4571836.50	395959.55	171 34 51	4455.80	679	2051
471	4567428.72	396611.94	145 55 43	2292.59	208	2052
471 - 1	4565529.68	397896.31	133 27 24	180.04	678	2053
471 - 2	4565405.85	398027.00			677	2054

81-1
RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:16 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Tamara
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Barnes
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
H. D. Johnson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR 58
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Wilson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54

25 NOV 78

POINT ID	ALASKA STATE PLANE Y ZONE 4 X	COORDINATE SYSTEM AZIMUTH DIST	TRUE MEAN BEARING DIST	CODE NO.	FILE NO.
471 - 2	4565405.85	398027.00	145 58 51 180.63	S 34 39 32 E 180.65	677 2054
471 - 3	4565256.13	398128.06	158 24 11 180.13	S 22 14 10 E 180.14	676 2055
471 - 4	4565088.65	398194.36	145 56 58 279.88	S 34 41 20 E 279.90	675 2056
471 - 5	4564856.76	398351.07	140 30 48 54.82	S 40 7 29 E 54.82	674 2057
472 - 1	4564814.45	398385.93	129 37 20 54.76	S 51 0 55 E 54.77	673 2058
472 - 2	4564779.53	398428.11	124 12 41 366.80	S 56 25 31 E 366.83	672 2059
472 - 3	4564573.30	398731.44	136 42 6 420.08	S 43 55 59 E 420.12	671 2060
472 - 4	4564267.57	399019.53	124 12 39 499.00	S 56 25 17 E 499.04	670 2061
472 - 5	4563987.01	399432.19	111 44 38 420.10	S 68 53 10 E 420.14	669 2062
472 - 6	4563831.38	399822.40	124 12 13 719.76	S 58 25 23 E 719.82	668 2063
472 - 7	4563426.78	400417.67	129 58 45 60.12	S 50 38 44 E 60.13	667 2064
473 - 1	4563388.15	400463.74	141 39 53 59.83	S 38 57 35 E 59.83	666 2065
473 - 2	4563341.22	400500.85	147 21 28 576.82	S 33 15 56 E 576.87	665 2066
473 - 3	4562855.51	400811.98	134 48 21 179.87	S 45 48 58 E 179.89	664 2067
473 - 4	4562728.75	400939.60	147 23 14 223.95	S 33 14 2 E 223.97	663 2068
473 - 5	4562540.11	401060.30			662 2069

81-1
RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Justin REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Hannant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	TRUE MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
473 - 5	4562540.11	401060.30	159 57 31	178.55	662	2069
473 - 6	4562372.37	401121.49	147 21 18	298.52	661	2070
473 - 7	4562121.01	401282.52	134 50 25	179.83	660	2071
473 - 8	4561994.21	401410.03	147 23 56	59.63	659	2072
473 - 9	4561943.97	401442.16	159 58 11	178.18	658	2073
473 - 10	4561776.57	401503.19	147 21 23	4482.62	657	2074
474	4558002.01	403921.17			207	2075

81-7
RECORDED - FILED
Valdny
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Lambert
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Barrow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
A. Sullivan
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 00 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
474	4558002.01	403921.17	159 37 41	3095.21	207	2075
475	4555100.40	404998.65	164 3 6	2541.10	206	2076
475 - 1	4552657.11	405696.87	151 29 19	179.43	656	2077
475 - 2	4552499.44	405782.52	164 2 27	172.32	655	2078
475 - 3	4552333.76	405829.90	176 33 40	179.21	654	2079
475 - 4	4552154.87	405840.65	163 58 49	236.73	653	2080
475 - 5	4551927.33	405905.98	151 34 17	418.89	652	2081
475 - 6	4551558.95	406105.40	164 0 22	538.88	651	2082
475 - 7	4551040.93	406253.88	176 32 18	420.00	650	2083
475 - 8	4550621.70	406279.24	164 2 40	479.83	649	2084
476	4550160.36	406411.14	151 50 38	59.72	648	2085
476 - 1	4550107.71	406439.32	139 35 18	419.76	647	2086
476 - 2	4549788.10	406711.44	151 59 21	473.28	646	2087
476 - 3	4549370.26	406933.71	164 31 14	420.20	645	2088
476 - 4	4548965.30	407045.86	152 1 41	413.85	644	2089
476 - 5	4548599.80	407239.97			643	2090

81-7
RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Jamboree
 DATE 1-7 1981
 TIME 1:39 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
A. Johnson
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	MEAN DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
476 - 5	4548599.80	407239.97	139 30 37	179.91	643	2090
476 - 6	4548462.97	407356.79	151 57 12	180.03	642	2091
476 - 7	4548304.08	407441.44	164 35 25	180.08	641	2092
476 - 8	4548130.48	407489.29	152 1 52	642.55	640	2093
477	4547562.98	407790.64	155 30 48	3152.67	205	2094
478	4544693.87	409097.36	125 22 14	1317.09	204	2095
479	4543931.45	410171.35	134 40 57	3971.82	203	2096
480	4541138.56	412995.37	132 47 28	4284.64	202	2097
480 - 1	4538227.89	416139.59	120 17 51	180.04	639	2098
480 - 2	4538137.06	416295.04	132 49 29	128.35	638	2099
480 - 3	4538049.81	416389.18	145 13 41	181.08	637	2100
480 - 4	4537901.07	416492.45	132 47 34	316.54	636	2101
480 - 5	4537686.03	416724.73	120 18 34	419.72	635	2102
480 - 6	4537474.21	417087.08	132 46 52	492.20	634	2103
480 - 7	4537139.91	417448.33	145 18 16	419.77	633	2104
480 - 8	4536794.78	417687.27			632	2105

81-1
RECORDED - FILED
Valky
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Juanita
 DATE 1-7 1981
 TIME 1:31 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. Brown
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
480 - 8	4536794.78	417687.27			632	2105
480 - 9	4536469.02	418039.34	132 46 37	479.66	S 47 44 12 E	479.70 631 2106
480 -10	4536257.39	418401.56	120 17 47	419.51	S 60 12 54 E	419.55 630 2107
480 -11	4536216.71	418445.93	132 30 56	60.20	S 47 59 41 E	60.20 629 2108
481 - 1	4535725.00	418960.76	133 41 2	711.92	S 46 49 28 E	711.98 628 2109
481 - 2	4535376.08	419194.66	146 9 51	420.07	S 34 20 31 E	420.11 627 2110
481 - 3	4534637.60	419968.29	133 40 6	1069.51	S 46 50 4 E	1069.61 626 2111
481 - 4	4534488.16	420068.52	146 9 1	179.94	S 34 20 59 E	179.96 625 2112
481 - 5	4534322.67	420241.99	133 39 4	239.75	S 46 50 53 E	239.77 624 2113
481 - 6	4534229.35	420396.13	121 11 31	180.19	S 59 18 23 E	180.20 623 2114
481 - 7	4533976.61	420660.89	133 40 9	366.03	S 46 49 39 E	366.06 622 2115
481 - 8	4533883.38	420814.97	121 10 38	180.09	S 59 19 6 E	180.11 621 2116
481 - 9	4533757.77	420946.50	133 40 52	181.87	S 46 48 49 E	181.89 620 2117
481 -10	4533608.42	421046.64	146 9 30	179.82	S 34 20 8 E	179.83 619 2118
481 -11	4533277.41	421393.60	133 39 9	479.53	S 46 50 24 E	479.58 618 2119
481 -12	4533184.16	421547.48	121 12 56	179.93	S 59 16 31 E	179.95 617 2120

81-7
RECORDED - FILED
Valdez
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Chitna
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Zambales
 DATE 1-7 1981
 TIME 1:35 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
H. Wilson
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Rampart
 DATE 1-7 1981
 TIME 2:15 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
RECORDED - FILED
Panama
 DATE 1-7 1981
 TIME 2:13 63 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
481 -12	4533184.16 421547.48	133 35 37 179.84 S 46 53 47 E 179.86	617	2120
481 -13	4533060.15 421677.73	146 10 1 179.82 S 34 19 20 E 179.84	616	2121
481 -14	4532910.78 421777.85	133 40 36 598.22 S 46 48 39 E 598.27	615	2122
481 -15	4532497.66 422210.51	121 6 49 179.41 S 59 22 20 E 179.43	614	2123
481 -16	4532404.95 422364.11	133 38 29 179.54 S 46 50 36 E 179.56	613	2124
481 -17	4532281.04 422494.04	146 20 58 174.78 S 34 8 5 E 174.80	612	2125
481 -18	4532135.55 422590.89		611	2126

81-1
RECORDED - FILED
Valdy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Chitina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Tambaks
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

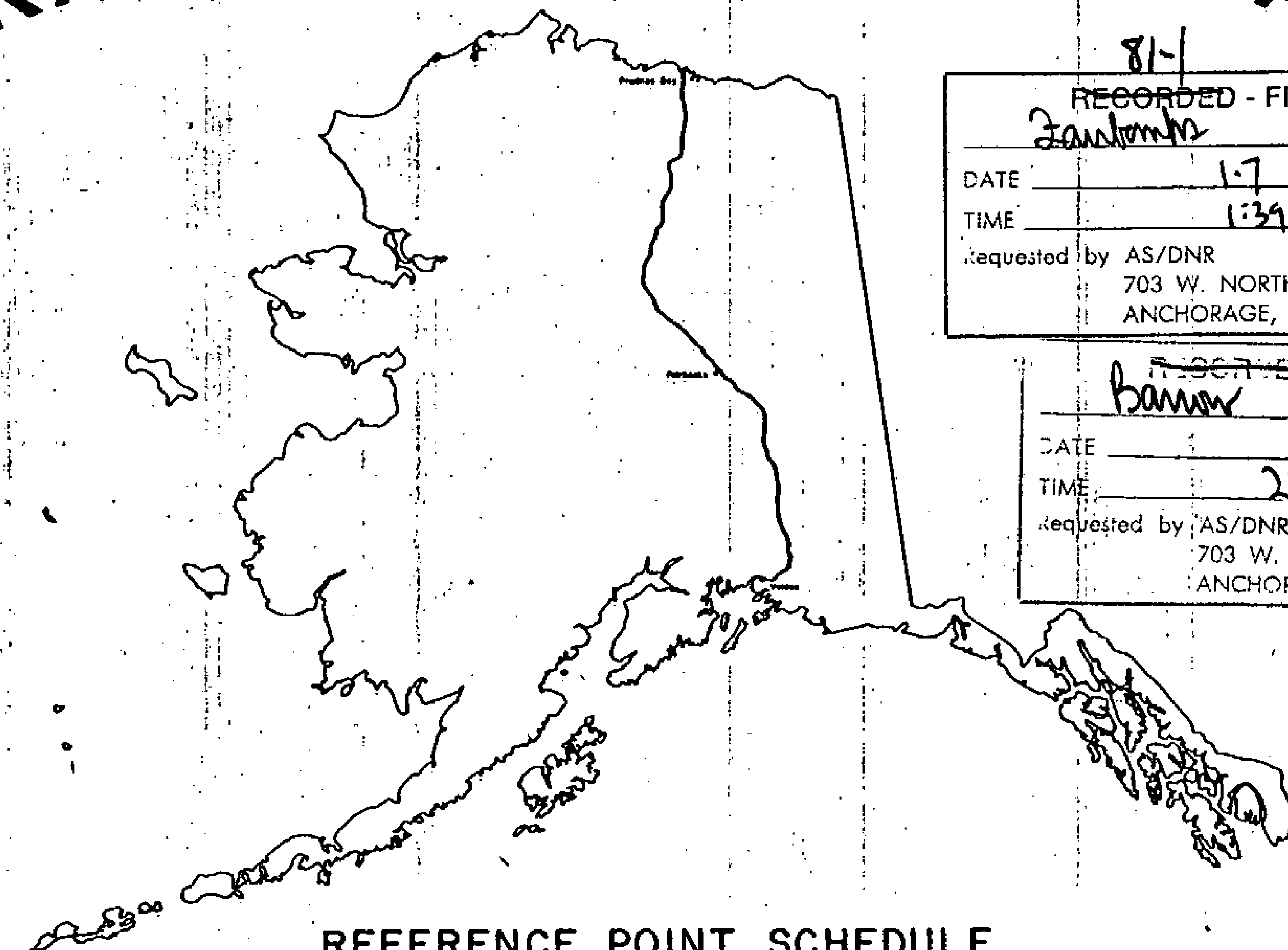
81-1
RECORDED - FILED
H. D. D. D.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner
 DATE 1-7 1981
 TIME 2:13 64P M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TRANS-ALASKA

PIPELINE MONUMENTATION SURVEY



REFERENCE POINT SCHEDULE

Alyeska pipeline

SERVICE COMPANY

prepared by
OCEAN TECHNOLOGY LTD

agent for:
 AMERADA HESS PIPELINE CORPORATION
 ARCO PIPELINE COMPANY
 BP PIPELINES INC.
 EXXON PIPELINE COMPANY
 MOBIL ALASKA PIPELINE COMPANY
 PHILLIPS ALASKA PIPELINE COMPANY
 SONHO PIPELINE COMPANY
 UNION ALASKA PIPELINE COMPANY

81-1
 RECORDED - FILED
Zantomb
 REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

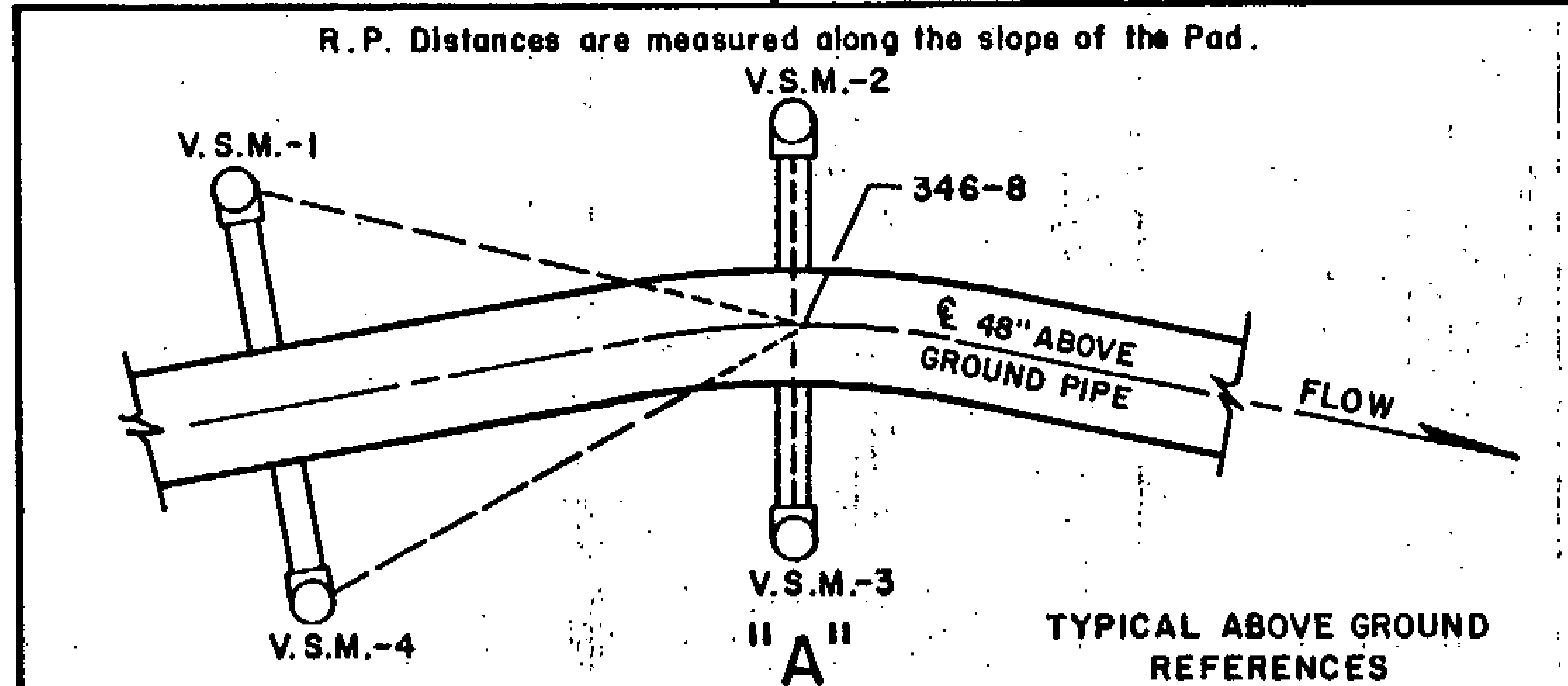
81-1
 RECORDED - FILED
H. B. ...
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
...
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Valdiz
 REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

TYPICAL DETAILS



TYPICAL REFERENCE SYSTEM FOR ABOVE GROUND ANGLE POINTS. VERTICAL SUPPORT MEMBERS (VSM'S) ARE STEEL PILING 18 INCHES IN DIAMETER. THE DISTANCE IS A SLOPE MEASUREMENT FROM A POINT APPROXIMATELY ONE FOOT ABOVE THE GROUND ON THE VSM MARKED WITH AN "X" TO A POINT APPROXIMATELY ONE FOOT ABOVE THE POINT OF INTERSECTION. THE VSM USED FOR REFERENCE POINT NO. 1 HAS THE ANGLE POINT DESIGNATION, IN LETTERS 3/4" HIGH STAMPED WITH METAL DIES AT APPROXIMATE EYE LEVEL. THIS DESIGNATION FACES THE ANGLE POINT.

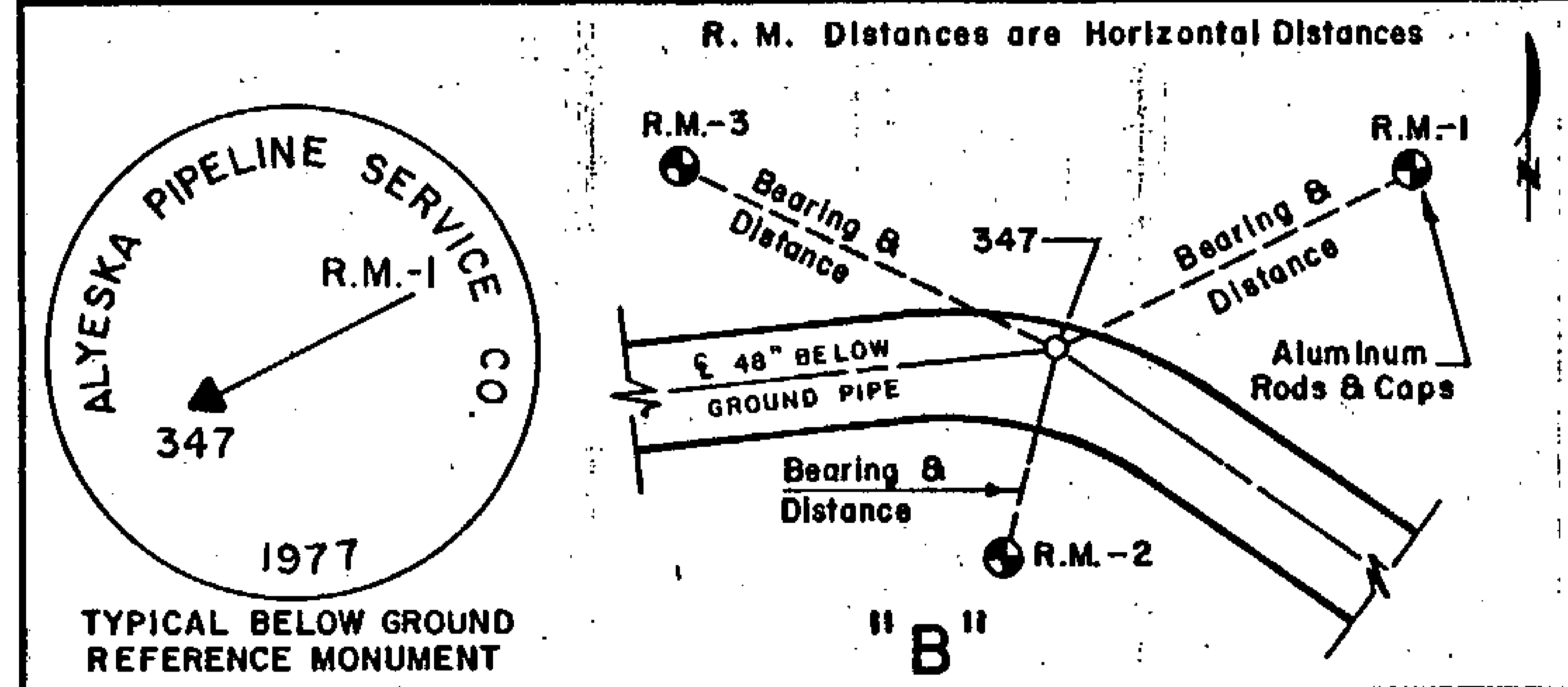
81-1

RECORDED - FILED

DATE 1-12 1981

TIME 10:10 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503



A TYPICAL REFERENCE SYSTEM FOR BELOW GROUND PIPELINE. THE THREE REFERENCE MONUMENTS SET ARE 3-1/2 INCH DIAMETER ALUMINUM CAPS ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. HORIZONTAL DISTANCES AND TRUE MEAN BEARINGS WERE TAKEN FOR EACH REFERENCE MONUMENT.

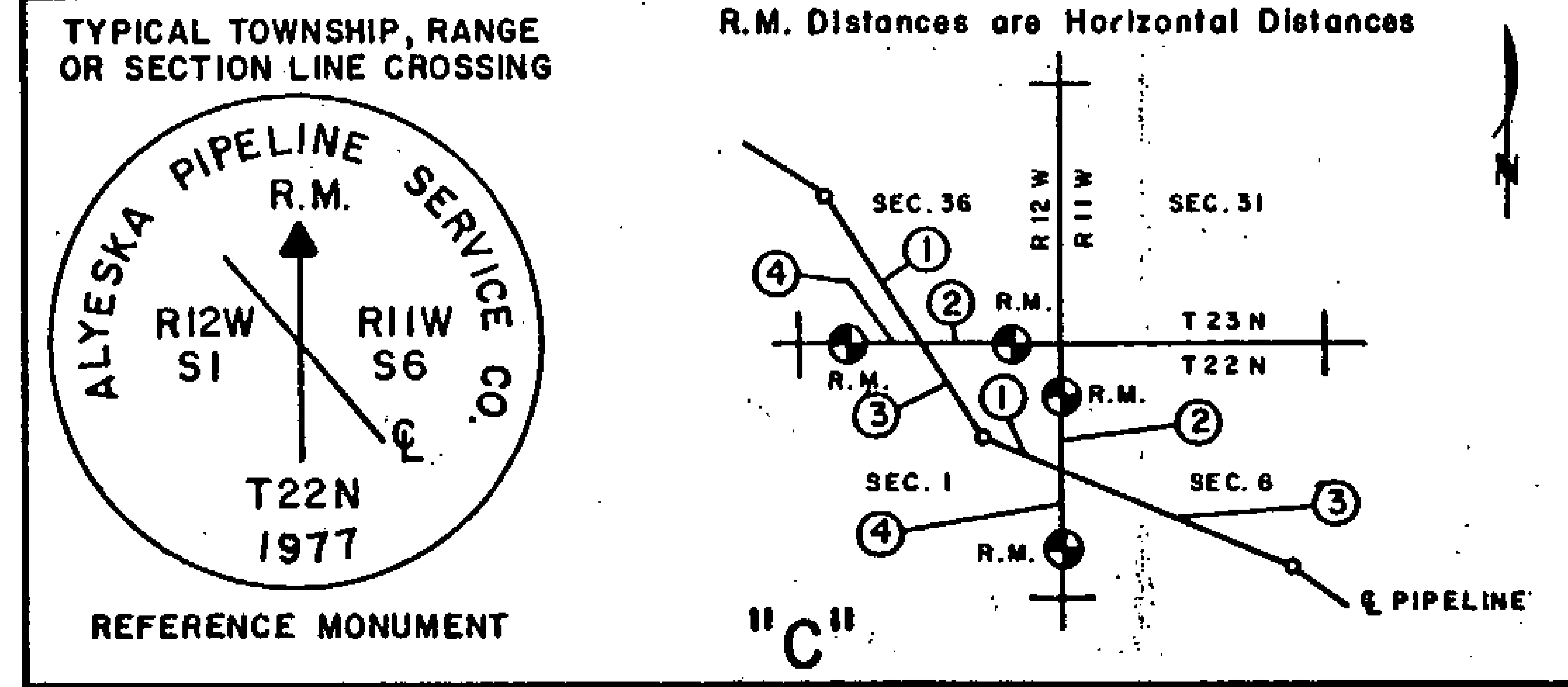
81-1

RECORDED - FILED

DATE 1-12 1981

TIME 10:20 AM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503



TYPICAL REFERENCE SYSTEM FOR INTERSECTIONS OF THE PIPELINE CENTERLINE SURVEY WITH SURVEYED TOWNSHIP LINES, SECTION LINES AND MISCELLANEOUS SURVEYED LINES. MONUMENTS SET WERE 3-1/2 INCH ALUMINUM CAPS, SET ON 5/8 INCH ALUMINUM ROD DRIVEN TO EIGHT FOOT OR REFUSAL. A FIELD INTERSECTION WAS MADE AND MONUMENTS WERE SET AS REFERENCE POINTS TO THIS INTERSECTION.

81-1

RECORDED - FILED

DATE 1-7 1981

TIME 1:39 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

DATE 1-7 1981

TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1

RECORDED - FILED

DATE 1-7 1981

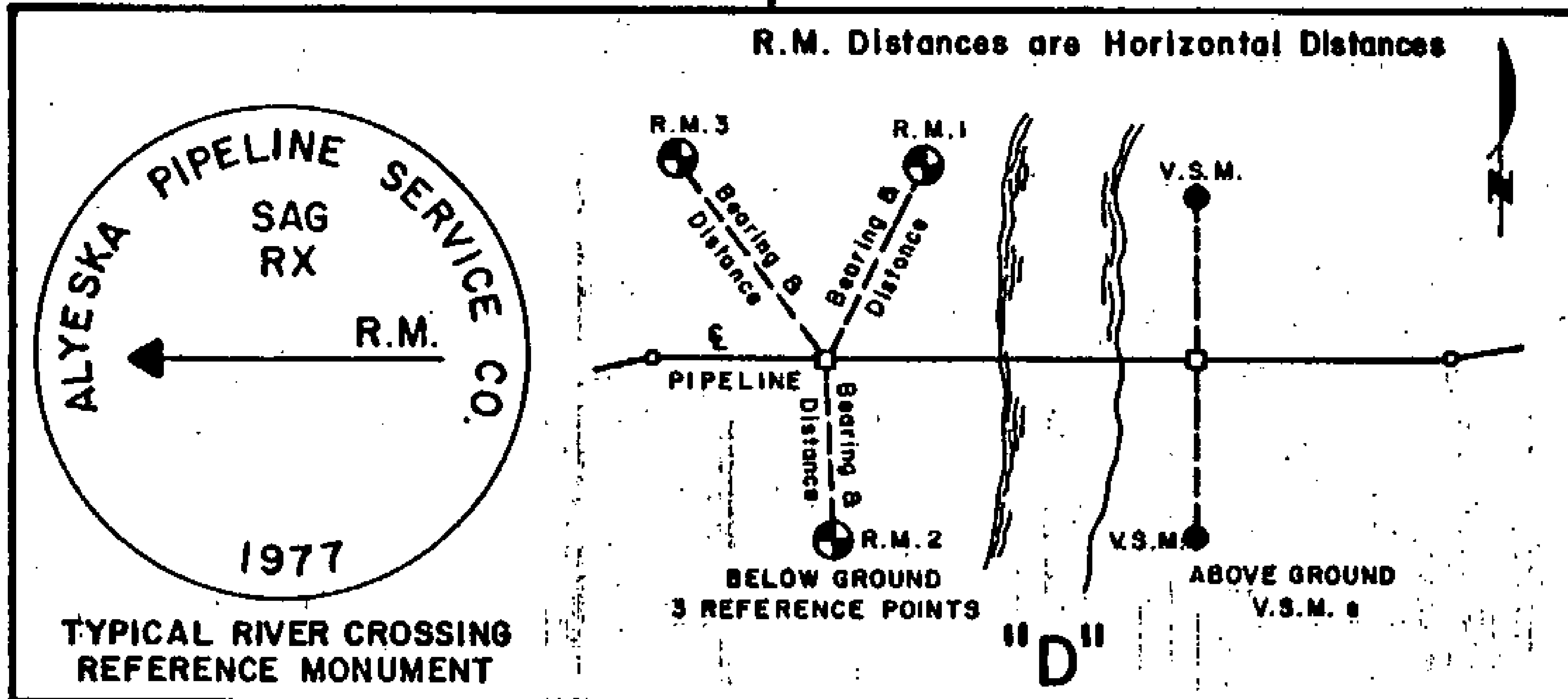
TIME 2:13 PM

Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

66

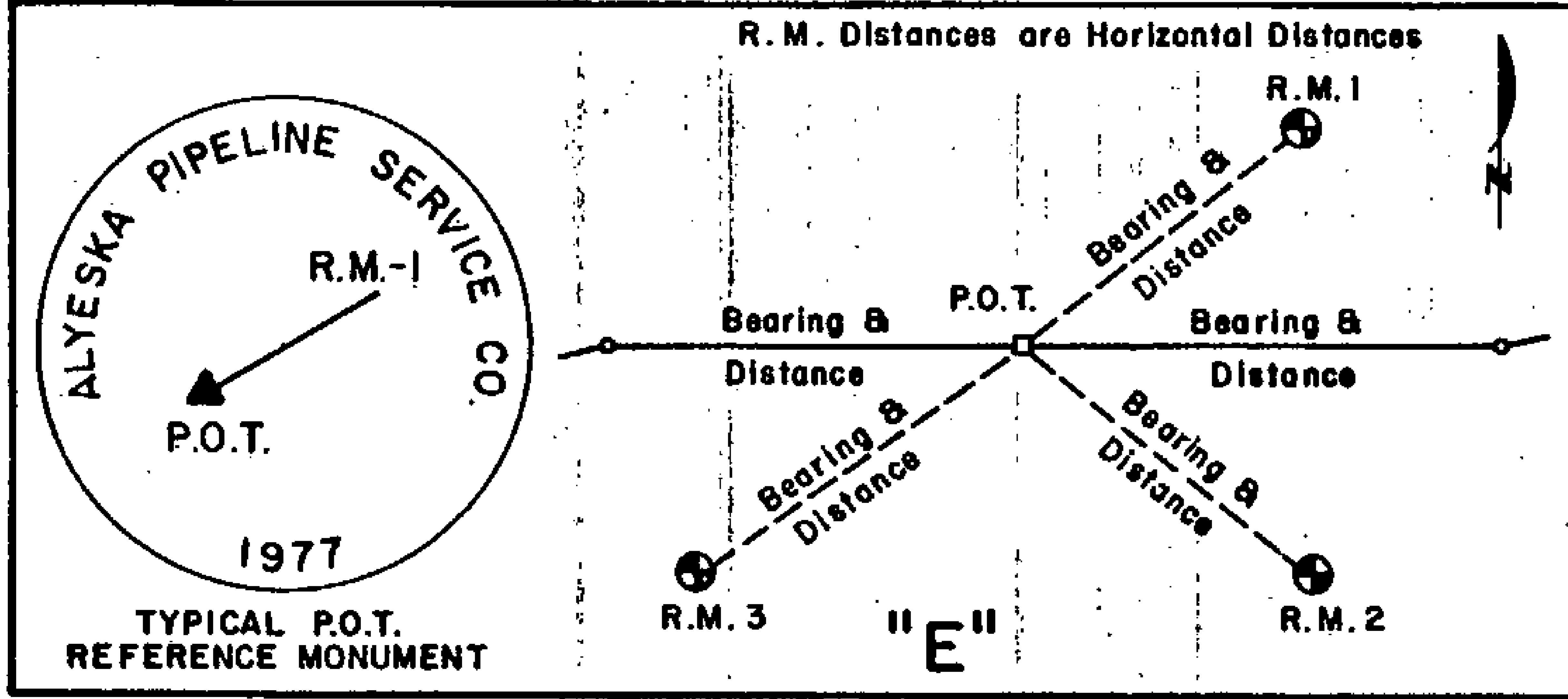
TYPICAL DETAILS

817 RECORDED - FILED
Valdov REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



TYPICAL REFERENCE SYSTEM FOR ABOVE AND BELOW GROUND RIVER CROSSING REFERENCE POINTS. REFERENCE POINTS WERE ESTABLISHED AND REFERENCE MONUMENTS SET ON BOTH BANKS OF NAMED RIVERS. DISTANCES WERE MEASURED FROM THE NEAREST ANGLE POINT TO THE REFERENCE POINT AND TO THE HIGH WATER MARK ON THE BANK OF THE STREAM. REFERENCE MONUMENTS WERE TAKEN FOR THE BELOW GROUND SECTIONS USING THE SAME CRITERIA AS WAS USED FOR THE CENTERLINE SURVEY. REFERENCE MONUMENTS FOR THE ABOVE GROUND SECTIONS ARE THE TWO 18 INCH V.S.M.'s CLOSEST TO THE HIGH WATER MARK.

817 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



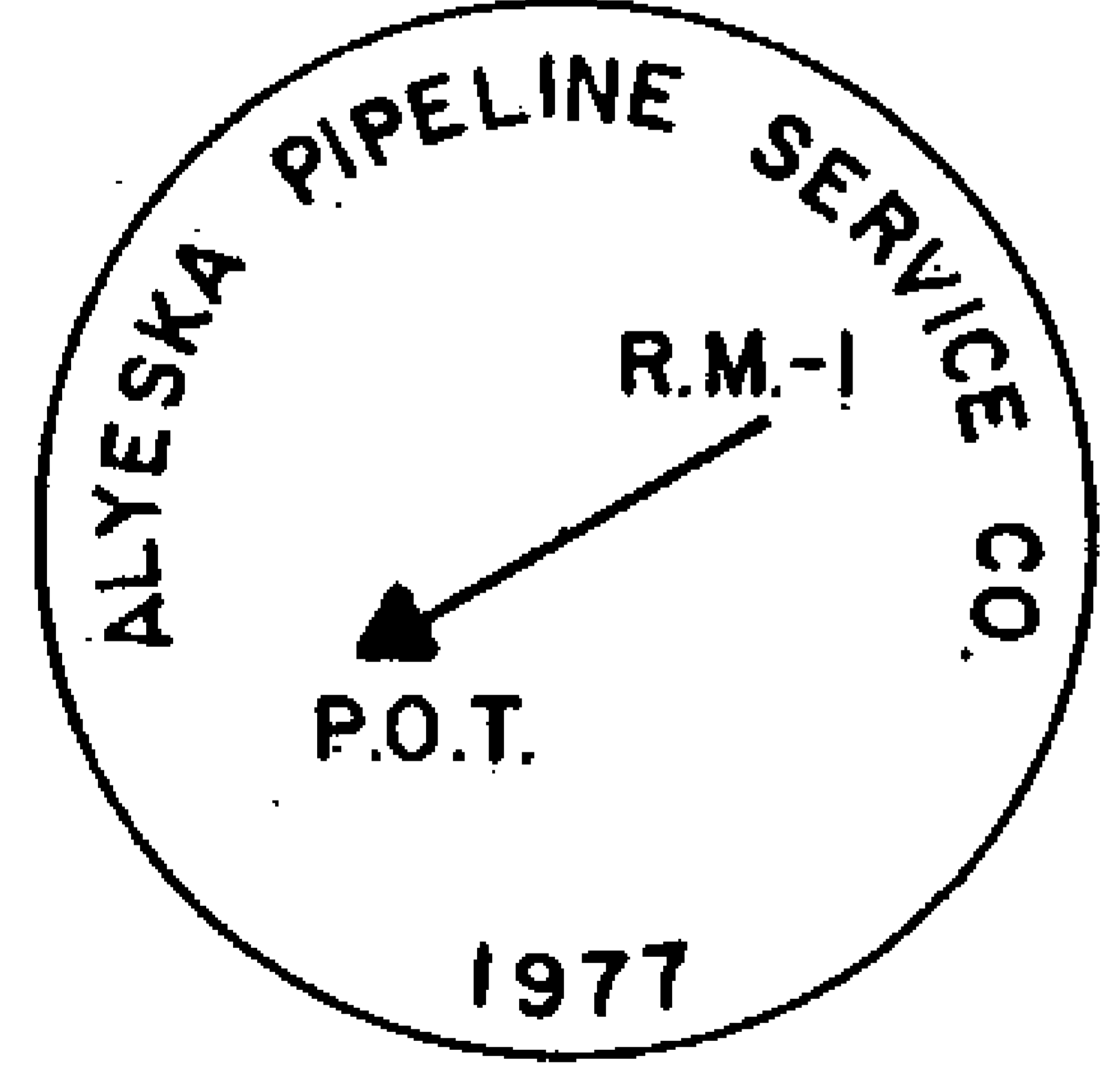
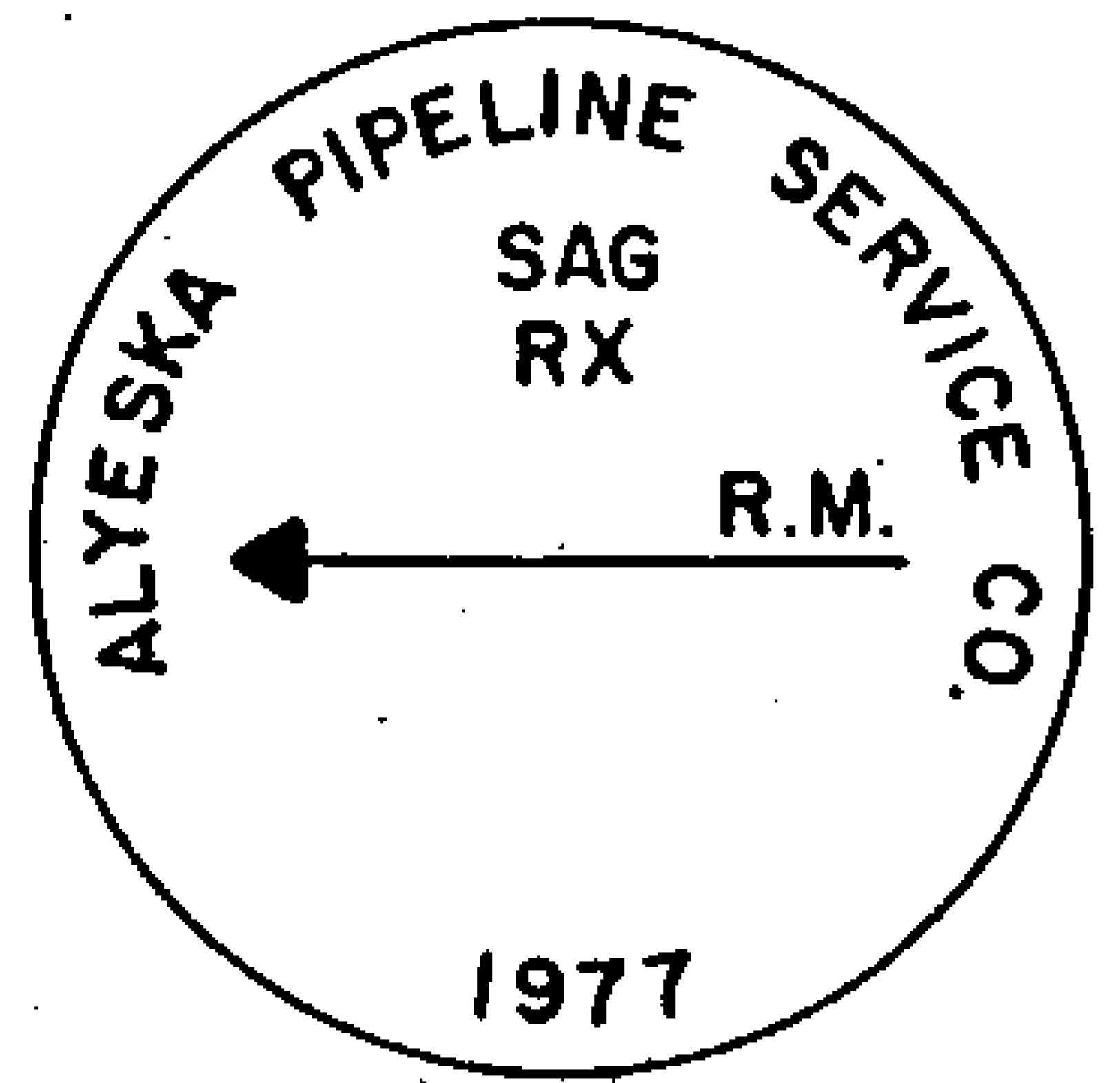
TYPICAL REFERENCE SYSTEM FOR LINE MONUMENTS (P.O.T.'s) ESTABLISHED ON THE BELOW GROUND CENTERLINE SURVEY. P.O.T.'s WERE ESTABLISHED SO AS TO MAINTAIN LINE-OF-SIGHT BETWEEN THE BELOW GROUND PORTION OF THE CENTERLINE SURVEY OR AT INTERVALS OF NOT MORE THAN APPROXIMATELY ONE-HALF MILE APART. P.O.T.'s ARE SET ONLY ON THE BELOW GROUND PORTION AND ARE REFERENCED AS NORMAL CENTERLINE POINTS.

817 RECORDED - FILED
Dunbar REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817 RECORDED - FILED
Barnes REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817 RECORDED - FILED
A. Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503



ALIGNMENT SHEET 46
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
386 - 7	59.59				6.24				5.53				59.46
386 - 8	59.60				6.67				10.08				59.95
386 - 9	58.37				6.91				10.07				62.62
387 - 1	59.12				6.31				10.58				59.95
387 - 2	60.51				12.05				7.54				59.56
387 - 3	59.88				7.64				5.87				59.54
387 - 4	59.55				11.11				13.63				59.88
387 - 5	68.10				5.66				9.39				71.57
388 - 1	61.40				6.04				7.51				61.64
388 - 2	59.84				8.98				6.32				59.48
388 - 3	59.94				6.45				5.51				59.79
388 - 4	59.28				6.48				9.00				59.89
388 - 5	58.05				5.80				9.50				62.05
389 - 1	60.09				6.64				8.57				60.50
389 - 2	60.12				9.31				5.95				59.47
389 - 3	60.23				10.02				6.73				59.53
389 - 4	59.63				7.95				11.86				60.80
389 - 5	67.57				6.12				7.60				67.55
389 - 6	59.77				6.59				5.32				59.71
390 - 0	61.37				7.14				4.91				58.15
390 - 1	61.63				7.80				7.16				61.04
390 - 2	59.74				6.28				8.82				59.98
390 - 3	59.52				6.50				8.79				60.04
390 - 4	59.60				8.91				6.55				59.28
390 - 5	59.68				5.12				6.87				59.80
391 - 1	58.89				5.98				7.54				59.99
391 - 2	59.46				5.40				6.36				59.40
391 - 3	62.50				7.18				6.08				62.35
391 - 4	59.77				5.76				7.73				59.93
391 - 5	59.74				6.14				7.65				60.21

81-7
 RECORDED - FILED
Valley
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Jennifer
 REC. DIST.
 DATE 1-7 19 81
 TIME 1:37 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Berman
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Rampant
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
A. Dalton
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 46
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
391 - 6	59.65			9.99			7.01			59.22
392 - 0	62.62			10.79			5.99			57.92
392 - 1	60.56			10.27			6.81			59.88
392 - 2	59.67			7.00			9.79			60.16
392 - 3	59.63			6.84			10.15			60.60
392 - 4	60.29			10.11			6.56			59.53
392 - 5	59.79			6.89			9.98			60.18
392 - 6	59.99			10.24			6.74			59.71
392 - 7	55.95			6.06			4.66			55.90
392 - 8	59.37			6.11			7.61			59.62
393 - 0	54.03			6.13			8.79			57.64
393 - 1	58.99			4.68			5.51			59.07
393 - 2	60.02			8.76			6.49			59.59
393 - 3	62.30			10.11			6.78			58.45
394 - 1	61.74			8.81			6.35			59.06
394 - 2	55.40			7.53			5.54			54.61
394 - 3	9.26			55.03			55.74			10.59
394 - 4	59.29			6.19			4.38			58.76
394 - 5	60.28			6.52			5.64			58.54
395 - 1	60.61			6.14			5.88			58.27
395 - 2	59.66			5.87			4.76			59.54

81-
 RECORDED - FILED
 Valby
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Chitina
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Jambor
 DATE 1-7 1981
 TIME 1:29 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Bannan
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 St. John
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Ampat
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
395 - 3	65.12				5.76				7.79				65.30
395 - 4	60.18				65.86				65.18				59.61
395 - 5	59.79				8.67				6.28				59.61
395 - 6	49.37				6.29				7.46				50.09
395 - 7	59.48				5.03				6.96				59.82
396 - 1	59.04				5.91				6.09				60.42
396 - 2	59.54				5.08				6.92				60.02
396 - 3	58.78				5.81				7.75				59.32
396 - 4	60.09				6.50				5.51				59.60
396 - 5	53.55				6.94				5.21				53.78
396 - 6	54.13				6.52				5.41				52.83
397 - 1	54.92				6.73				5.33				52.34
397 - 2	53.47				7.24				4.97				53.09
397 - 3	59.83				6.28				5.33				59.90
397 - 4	59.59				5.94				9.16				59.95
398 - 0	58.36				5.78				9.35				62.29
398 - 1	59.83				9.16				5.74				59.46
399 - 1	60.99				8.98				5.94				58.83
399 - 2	61.26				9.28				6.00				58.72
399 - 3	59.43				4.92				5.43				59.47
399 - 4	58.37				5.68				7.61				58.67
399 - 5	60.15				9.06				6.25				59.79
399 - 6	60.06				10.14				6.60				59.79
399 - 7	59.63				6.68				10.49				60.22
399 - 8	59.74				8.82				6.11				59.57
400 - 1	61.22				10.32				6.88				59.06
400 - 2	60.48				9.19				5.60				59.60
400 - 3	60.26				6.45				8.72				60.53
400 - 4	59.84				8.81				6.43				59.49
400 - 5	59.68				7.98				11.89				60.23

81-
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-17 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Fairbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 St. Lawrence REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
400 - 6	60.78		12.27		7.53		59.99
400 - 7	51.79		10.05		6.81		51.40
400 - 8	59.35		7.43		11.84		60.22
400 - 9	60.41		12.07		7.55		59.56
400 -10	59.87		7.75		12.03		60.43
400 -11	59.77		6.08		8.79		59.78
400 -12	60.44		12.21		7.30		59.49
401 - 0	63.28		12.68		7.00		58.30
401 - 1	59.82		6.89		9.89		60.43
401 - 2	60.18		10.25		9.20		59.64
401 - 3	60.08		10.07		6.69		59.61
401 - 4	59.69		6.59		10.08		59.94
401 - 5	58.53		9.32		5.76		58.57
402 - 1	59.75		9.07		5.75		57.03
402 - 2	59.91		10.43		6.58		57.55
402 - 3	59.08		5.64		6.58		60.05
402 - 4	61.17		5.51		6.31		59.76
402 - 5	58.63		6.06		7.73		59.82
403 - 1	59.57		5.70		6.37		59.74
403 - 2	54.85		6.32		8.32		55.46
403 - 3	59.70		6.66		5.23		60.12
403 - 4	59.18		6.83		9.93		59.62
403 - 5	60.22		10.13		6.77		59.66

81-1
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Reinhardt REC. DIST.
 DATE 1-7 19 81
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 H. Hilton REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 K. Kumpert REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 47
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	395 -04	S 3 46 W	88.80	RT BANK
	RT BANK	S 3 46 W	542.34	LT BANK
	LT BANK	S 3 46 W	23.93	VSM 44
	VSM 44	S 3 46 W	426.14	395 -05

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Zamboni REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
A. Suban REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 48
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
403 - 6	59.64			6.43			5.68			59.49
403 - 7	59.64			6.40			8.92			60.16
404 - 0	58.29			5.77			9.20			62.08
404 - 1	58.53			6.05			9.18			58.99
404 - 2	60.27			10.03			6.48			59.93
404 - 3	61.06			12.14			7.80			59.85
404 - 4	59.78			7.71			11.91			60.36
404 - 5	59.56			6.54			5.26			59.56
404 - 6	59.61			6.73			9.99			59.93
404 - 7	58.49			6.99			9.75			62.64
405 - 1	59.10			6.14			11.06			61.99
405 - 2	61.58			10.16			4.97			61.06
405 - 3	12.23			61.05			60.50			9.92
405 - 4	60.00			8.98			6.42			59.41
405 - 5	59.63			6.91			10.22			60.23
405 - 6	59.21			6.46			9.03			59.24
406 - 1	58.31			5.88			9.12			61.18
406 - 2	58.92			6.97			10.20			61.63
406 - 3	59.73			6.33			5.51			59.56
406 - 4	61.09			10.08			6.67			60.42
406 - 5	59.22			6.54			10.28			60.14
406 - 6	59.39			5.73			6.14			59.96
406 - 7	60.09			9.01			6.43			59.70
406 - 8	61.80			7.88			6.18			57.99
407 - 1	61.41			8.83			6.21			58.40
407 - 2	57.83			6.69			10.18			58.52
407 - 3	60.14			10.28			6.48			59.63
407 - 4	60.31			12.22			7.69			59.74
407 - 5	59.83			6.87			12.83			60.69
407 - 6	60.75			9.91			6.88			60.03

81-1
 RECORDED - FILED
Vaden REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zainab REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Sultan REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bampton REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 48
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
407 - 7	59.84		6.98		9.81		60.03
407 - 8	59.57		7.96		5.62		59.48
408 - 1	60.53		8.89		6.30		58.66
408 - 2	61.03		12.03		10.34		60.54
408 - 3	60.88		6.17		8.77		61.44
408 - 4	60.42		9.06		5.99		60.12
408 - 5	59.67		6.42		5.28		59.18
408 - 6	59.74		6.76		10.07		60.03
408 - 7	58.08		6.03		9.15		62.53
409 - 1	58.49		6.50		8.53		61.42
409 - 2	58.45		6.30		9.20		59.05
409 - 3	59.88		8.53		6.65		59.27
409 - 4	60.17		11.86		7.74		59.46
409 - 5	59.34		7.88		11.91		59.79
409 - 6	59.32		6.06		8.83		60.01
409 - 7	59.69		8.84		6.19		59.49

81-1
 RECORDED - FILED
 Valde REC. DIST.
 DATE 8-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Chitra REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Bannow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Al Nelson REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
409 - 8	61.64			8.74			6.40			61.40
410 - 1	63.08			8.44			6.69			60.74
410 - 2	63.22			8.77			6.36			60.51
410 - 3	59.53			5.34			6.68			59.87
410 - 4	56.74			6.18			8.99			57.27
410 - 5	60.39			10.12			6.83			59.91
410 - 6	60.00			7.85			12.08			60.55
410 - 7	60.07			12.17			7.40			59.62
410 - 8	63.75			9.97			6.95			63.09
410 - 9	59.60			6.72			12.76			60.58
411 - 0	61.82			7.48			17.30			66.82
411 - 1	57.09			4.27			4.56			57.41
411 - 2	59.81			12.00			7.66			59.55
411 - 3	58.27			11.91			7.94			57.31
411 - 4	49.44			4.63			3.99			48.68
412		S 34 52 E	138.85		N 86 59 W	140.14		N 64 22 W	141.40	
412 - 1	54.26			5.15			3.78			54.52
412 - 2	60.06			8.54			6.22			59.45
412 - 3	60.08			10.45			6.26			59.82
413 - 1	61.31			8.75			6.35			58.09
413 - 2	54.84			5.93			2.99			54.35
413 - 3	58.86			7.48			5.58			58.86
413 - 4	59.50			5.58			7.71			59.79
413 - 5	64.22			5.12			8.69			64.20
414 - 1	64.22			6.24			8.62			64.46
414 - 2	59.31			8.98			6.46			60.04
414 - 3	59.73			7.50			7.89			59.55
414 - 4	60.02			7.30			5.94			59.83
414 - 5	61.42			7.06			6.20			58.21
415 - 1	60.39			7.48			5.84			60.07

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
 RECORDED - FILED
Chitana
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
 RECORDED - FILED
Zambomba
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
 RECORDED - FILED
Bannock
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

817
 RECORDED - FILED
A. Billon
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
415 - 2	59.32		5.77		7.73		59.51
415 - 3	59.64		5.68		7.82		60.13
416 - 1	58.24		5.82		8.79		60.18
416 - 2	59.36		5.77		7.67		59.54
416 - 3	60.21		9.80		6.95		59.61
416 - 4	59.45		6.73		9.95		59.69
416 - 5	59.48		1.45		12.18		60.60
416 - 6	60.31		12.18		7.48		59.77
416 - 7	60.26		12.11		7.63		59.33
416 - 8	59.76		7.91		11.73		60.42
416 - 9	61.69		6.03		6.01		61.32
416 -10	8.83		61.33		60.94		6.33
417 - 0	63.18		9.48		5.54		59.07
418 - 0	60.32		12.69		6.85		59.69
418 - 1	61.38		14.88		10.61		59.11
418 - 2	59.67		6.44		8.64		60.00
418 - 3	61.64		7.46		12.03		62.41
418 - 4	60.51		10.21		6.69		59.84
418 - 5	62.12		4.67		4.45		62.22
418 - 6	59.90		7.39		12.10		60.35
418 - 7	59.92		7.40		5.94		59.61
418 - 8	59.37		4.92		4.33		60.09
418 - 9	54.22		4.49		4.33		53.89
418 -10	60.25		6.22		5.48		59.56
418 -11	59.25		6.59		5.47		59.22
419 - 1	60.44		6.45		5.44		58.24
419 - 2	61.07		6.38		5.50		58.91
419 - 3	59.79		4.31		4.41		59.47
419 - 4	36.65		4.46		4.22		36.88
419 - 5	60.24		11.93		7.60		59.61

81-
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Chitina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Zamboni REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Bonner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Dalton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 49
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
419 - 6	64.19				11.90				7.83				63.14
419 - 7	59.75				4.35				4.61				59.48

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	411 -04	S 46 47 W	556.36	RT BANK RM
	RT BANK RM	S 46 47 W	130.00	RT BANK
	RT BANK	S 46 47 W	165.15	LT BANK
	LT BANK	S 46 47 W	126.00	412 -00
	RT BANK RM	S 44 47 E	120.45	RM-1
		N 48 31 W	156.80	RM-2
		N 2 55 E	196.85	RM-3
	LT BANK RM	S 34 53 E	138.82	RM-1
		N 86 57 W	140.21	RM-2
		N 64 13 W	141.54	RM-3

81-1
RECORDED - FILED
Vaddy REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zainab REC. DIST.
DATE 1-7 1981
TIME 1:31 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Banner REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Kangat REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. B. B. B. REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

77

ALIGNMENT SHEET 50
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
		BRG			BRG			BRG		
420		S 8 25 E	68.61		N 59 28 W	77.79		N 0 0 E	79.41	
420 - 1	24.66			4.86			5.70			25.14
420 - 2	60.11			13.79			9.85			59.56
420 - 3	60.68			12.08			7.61			59.74
420 - 4	59.48			4.46			4.25			59.69
420 - 5	60.91			4.46			4.32			61.17
420 - 6	59.67			7.84			5.60			59.42
420 - 7	59.69			7.54			5.96			59.75
420 - 8	59.64			5.07			4.02			59.68
420 - 9	59.38			8.97			4.44			59.46
420 - 10	59.85			7.70			5.89			60.76
420 - 11	59.87			9.58			7.31			59.59
420 - 12	58.99			4.64			4.72			59.40
420 - 13	64.85			5.92			3.03			64.79
420 - 14	59.46			6.88			5.54			59.48
420 - 15	59.84			6.42			5.39			59.51
420 - 16	60.21			5.74			3.09			60.23
421 - 0	54.16			4.87			3.85			54.15
421 - 1	60.32			4.32			4.43			58.63
421 - 2	60.11			5.55			6.35			59.59
421 - 3	59.72			5.73			6.44			60.08
421 - 4	59.32			4.28			4.52			59.95
421 - 5	59.54			6.52			8.83			59.87
421 - 6	59.73			8.68			6.15			59.95
421 - 7	67.95			8.98			6.22			67.77
421 - 8	59.50			5.58			7.76			59.74
421 - 9	59.65			5.77			9.28			59.95
421 - 10	58.70			6.09			9.18			60.82
422 - 1	58.67			6.13			8.96			62.08
422 - 2	60.62			5.83			7.52			60.53

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
John
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zamboni
 REC. DIST. _____
 DATE 1-1 1981
 TIME 1:31 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
hampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A Silva
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
422 - 3	55.40		5.75		7.84		55.83
422 - 4	59.66		7.10		6.37		59.48
422 - 5	60.21		8.97		6.43		60.02
422 - 6	60.54		6.18		8.74		60.14
422 - 7	59.53		11.43		13.13		60.11
422 - 8	60.03		7.96		5.97		59.78
422 - 9	59.66		7.21		6.09		59.35
422 -10	69.77		6.09		8.92		69.73
422 -11	59.90		5.43		6.40		60.32
422 -12	58.74		5.61		6.15		59.93
423 - 1	58.63		5.84		7.51		61.51
423 - 2	59.31		5.57		6.56		59.87
423 - 3	59.35		5.26		6.53		59.60
423 - 4	43.30		5.76		2.87		43.37
423 - 5	60.31		9.95		6.75		60.92
423 - 6	56.77		10.10		6.71		56.35
423 - 7	59.49		5.74		6.24		59.86
423 - 8	62.56		4.62		4.31		62.44
423 - 9	59.90		10.06		6.72		59.75
423 -10	63.60		11.05		5.91		62.18
423 -11	60.58		6.04		3.07		59.89
423 -12	59.81		7.91		11.72		59.88
423 -13	60.57		7.77		5.52		59.87
424 - 1	61.60		7.93		5.58		58.84
424 - 2	60.21		6.73		5.07		59.91
424 - 3	59.60		5.91		7.60		59.46
424 - 4	59.68		7.79		5.90		59.34
424 - 5	62.14		7.84		5.43		58.03
425 - 1	56.13		7.75		5.90		56.21
425 - 2	59.48		6.03		7.69		59.57

81-1
 RECORDED - FILED
Valley
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chama
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert
 DATE 1-1 1981
 TIME 1:31 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barrow
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Kumpant
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
St. Bibbon
 DATE 1-7 1981
 TIME 2:10 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1 DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
425 - 3	59.55			6.27			8.80			60.09
425 - 4	59.69			6.44			5.24			59.55
425 - 5	59.99			6.44			5.57			60.16
425 - 6	58.93			6.15			8.87			59.95
425 - 7	59.10			5.21			6.79			59.31
425 - 8	59.01			5.64			6.62			60.40
426 - 1	50.79			5.78			7.70			53.19
426 - 2	67.47			5.61			6.54			67.59
426 - 3	59.59			5.26			6.82			59.70
426 - 4	58.37			5.83			7.59			59.01
426 - 5	61.91			9.08			6.11			61.22
426 - 6	60.38			12.15			7.60			59.69
426 - 7	59.18			6.84			10.02			59.63
426 - 8	59.76			4.89			5.78			59.59
426 - 9	59.81			7.41			6.08			59.91
426 - 10	59.29			7.70			5.93			59.11
426 - 11	59.76			6.04			3.00			59.75
426 - 12	59.65			6.10			4.38			59.42
427 - 1	60.79			6.44			5.52			59.56
427 - 2	59.66			6.06			4.35			59.10
427 - 3	53.88			4.65			4.53			54.47
427 - 4	61.02			8.80			6.08			59.66
427 - 5	60.49			8.71			6.27			60.03
427 - 6	59.40			4.67			5.95			59.28
427 - 7	60.53			4.60			5.58			30.34
427 - 8	60.22			7.51			5.78			59.32
427 - 9	59.89			7.61			9.11			59.48
427 - 10	59.46			4.66			5.89			59.62
428 - 0	58.05			4.34			5.83			60.93
428 - 1	51.16			3.23			5.82			51.06

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Jurkuba REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sifton REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 50
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
428 - 2	59.40				5.65				7.81				59.88
428 - 3	59.31				5.66				7.87				59.51
428 - 4	59.76				4.31				4.60				59.71
429 - 0	59.59				5.73				7.78				59.67
429 - 1	58.41				5.73				7.53				61.47
429 - 2	59.85				6.46				5.70				59.78
429 - 3	60.86				8.58				6.36				60.55
429 - 4	59.49				5.61				6.39				59.92

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	427 -06	S 12 11 W	539.02	VSM 31
	VSM 31	S 12 11 W	20.75	RT BANK
	RT BANK	S 12 11 W	86.08	LT BANK
	LT BANK	S 12 11 W	26.56	VSM 30
	VSM 30	S 12 11 W	143.31	427 -07

81-7
 RECORDED - FILED
Valdez
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Valdez
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Saint Louis
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Banner
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
A. J. Wilson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 51
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
429 - 5	59.51				6.13				7.84				59.83
429 - 6	59.60				7.57				5.80				59.87
429 - 7	59.69				7.55				5.74				59.44
429 - 8	59.40				5.77				7.62				60.02
429 - 9	54.08				7.25				3.40				54.02
429 -10	60.30				12.19				7.75				59.74
429 -11	60.45				12.22				7.53				59.74
429 -12	59.74				10.24				3.15				59.65
430		N 76	2 E	148.14		S 19	55 W	49.23		N 71	15 W	61.92	
431		N 50	6 E	75.44		S 69	37 E	75.26		S 67	47 W	102.85	
432		S 77	32 E	71.03		S 60	31 W	98.22		N 38	36 W	94.04	
433		S 50	1 E	104.84		S 59	1 W	203.38		N 44	7 W	121.90	
434		N 80	58 E	80.11		S 39	40 W	63.02		N 32	55 W	73.97	
435		N 85	30 E	62.27		S 47	14 W	67.61		N 42	60 W	67.09	
436		S 87	20 E	77.03		S 52	6 W	48.98		N 39	28 W	64.61	
437		N 69	22 E	81.02		S 66	8 E	98.19		S 85	44 W	53.83	
437 - 1	55.70				7.20				2.93				55.78
437 - 2	59.95				12.11				7.56				59.72
437 - 3	58.99				12.37				7.58				53.50
437 - 4	59.75				7.15				3.27				59.43
437 - 5	59.37				4.47				4.34				59.54
437 - 6	59.87				7.55				5.81				59.58
437 - 7	58.09				9.96				5.33				57.80
438 - 1	60.24				7.37				5.84				58.29
438 - 2	59.89				4.64				4.42				59.47
438 - 3	59.48				7.25				3.30				59.40
438 - 4	60.01				12.04				7.52				59.70
438 - 5	60.45				11.92				7.67				59.62
438 - 6	59.64				4.45				4.40				59.49
439		N 78	51 E	87.41		S 36	52 W	61.69		N 68	30 W	63.82	

81-1
 RECORDED - FILED
Vaddy
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Lambert
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner
 DATE 1-1 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 DATE 1-1 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. S. Soren
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

82

ALIGNMENT SHEET 51
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1		VSM-2	RM2		VSM-3	RM3		VSM-4
	BRG		DIST	BRG		DIST	BRG		DIST	
440	N 35 35 E		95.52	N 72 35 E		91.15	N 72 53 W		75.35	
441	N 70 30 E		43.58	S 47 56 W		80.40	N 77 21 W		77.04	
442	S 50 54 E		75.20	S 49 17 W		74.00	N 56 29 W		52.11	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 5 58 W	1724.66	429 -12
	POT	S 5 58 E	1571.94	430 - 0
		N 84 9 E	89.63	RM-1
		S 48 58 W	68.44	RM-2
		N 67 1 W	72.97	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 0 34 W	2076.09	436 - 0
	POT	S 0 34 E	1265.36	437 - 0
		N 86 16 E	73.19	RM-1
		S 56 16 W	51.17	RM-2
		N 56 25 W	56.72	RM-3

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Chitina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zambanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Burnow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. D. Brown
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1	DIST	VSM-2	RM2	DIST	VSM-3	RM3	DIST	VSM-4
	BRG			BRG			BRG			
443	S 60 14 E		65.85	S 70 34 W		68.94	N 37 31 W		61.92	
443 - 1	54.32		3.13			7.13			54.29	
443 - 2	59.44		6.98			10.17			59.83	
443 - 3	53.20		8.00			11.98			57.13	
443 - 4	59.17		3.49			5.14			59.24	
443 - 5	51.81		5.58			2.86			51.26	
443 - 6	60.36		9.96			6.40			60.02	
443 - 7	59.70		9.95			6.82			54.94	
443 - 8	59.68		5.93			2.89			59.27	
444	N 83 29 E		83.15	S 33 37 E		102.16	N 65 45 W		68.96	
445	S 88 0 E		83.77	S 70 12 W		83.65	N 49 39 W		89.44	
446	N 72 46 E		108.69	S 66 35 E		89.82	N 84 5 W		72.16	
447	N 62 32 E		111.79	S 52 42 E		106.47	N 86 53 W		73.97	
448	N 58 1 E		105.68	S 72 28 E		106.60	S 81 29 W		90.16	
449	N 72 53 E		67.36	S 42 57 E		73.79	N 88 28 W		79.61	
450	N 46 24 E		74.40	S 42 9 E		66.77	N 78 21 W		98.73	
450 - 1	62.89		7.22			3.40			62.25	
450 - 2	60.76		12.19			7.78			59.75	
450 - 3	66.35		12.17			7.43			60.84	
450 - 4	59.90		7.39			3.38			59.69	
450 - 5	59.40		4.70			4.34			59.58	
450 - 6	59.99		7.74			5.66			59.71	
450 - 7	59.95		7.74			5.85			59.34	
450 - 8	59.69		4.59			4.31			59.14	
450 - 9	60.14		6.31			8.77			59.96	
450 - 10	59.61		6.00			7.42			59.84	
450 - 11	54.67		5.28			6.76			55.05	
450 - 12	54.52		5.52			6.35			56.09	
450 - 13	54.06		5.71			7.55			56.98	
451 - 1	54.90		5.42			6.30			55.22	

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-17 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Juanita
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Dunbar
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Johnson
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	DIST	VSM-2	BRG	DIST	VSM-3	BRG	DIST	VSM-4
451 - 2	54.88			5.28			6.79			55.12
451 - 3	57.51			4.95			5.60			57.72
451 - 4	60.02			7.56			5.85			59.73
451 - 5	59.85			6.77			5.32			56.33
452 - 1	59.35			6.16			4.35			56.95
453 - 0	51.23			8.92			6.01			50.27
453 - 1	52.13			10.08			6.88			49.00
453 - 2	59.78			5.75			6.13			60.08

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	444 -00	S 6 19 W	458.17	RT BANK RM
	RT BANK RM	S 6 19 W	92.00	RT BANK
	RT BANK	S 6 19 W	82.77	LT BANK
	LT BANK	S 6 19 W	58.00	LT BANK RM
	LT BANK RM	S 6 19 W	581.92	445 -00
	RT BANK RM	N 47 08 E	130.55	RM-1
		S 54 06 E	109.73	RM-2
		N 53 53 W	74.05	RM-3
	LT BANK RM	S 70 45 E	76.51	RM-1
		S 33 18 E	140.54	RM-2
		N 68 29 W	67.75	RM-3

81-1
 RECORDED - FILED
Valley
 REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Zachariah
 REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bannon
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampant
 REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. S. Johnson
 REC. DIST. 85
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-2	447 -00	S 4 11 E	2133.99	RT BANK RM
	RT BANK RM	S 4 11 E	196.50	RT BANK
	RT BANK	S 4 11 E	49.13	LT BANK
	LT BANK	S 4 11 E	285.97	448 -00
	RT BANK RM	N 65 51 E	82.15	RM-1
		S 50 48 W	99.23	RM-2
		N 59 48 W	106.86	RM-3
	LT BANK RM	N 58 01 E	105.68	RM-1
		S 72 28 E	106.60	RM-2
		S 81 29 W	90.16	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 11 15 E	1501.40	446 - 0
	POT	S 11 15 W	1722.32	447 - 0
		S 78 9 E	86.10	RM-1
		S 66 39 W	97.70	RM-2
		N 30 31 W	127.72	RM-3

81-
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Sambor REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Danner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN

81-
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
A. Simpson REC. DIST.
 DATE 1-7 1981
 TIME 2:10 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 52
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 18 20 E	2983.57	450 - 0
	POT	S 18 20 W	4211.06	450 - 1
		N 66 28 E	81.54	RM-1
		S 24 4 E	85.08	RM-2
		N 67 45 W	76.65	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 18 20 E	5084.62	450 - 0
	POT	S 18 20 W	2110.01	450 - 1
		N 58 59 E	83.86	RM-1
		S 20 53 E	66.40	RM-2
		N 60 56 W	87.89	RM-3

81-1
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Janet REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Delta REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 53
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
453 - 3	59.53				4.78				5.56				59.74
453 - 4	59.88				7.64				5.80				59.52
453 - 5	61.48				9.35				5.75				58.11
454 - 1	61.56				6.48				5.28				58.55
454 - 2	49.19				3.32				7.14				49.18
454 - 3	59.66				7.88				11.97				60.08
454 - 4	52.53				7.80				11.92				57.87
454 - 5	59.71				3.02				5.71				60.03
455		S 81 25 E		78.35		N 88 30 W		81.20		N 28 51 W		88.39	
456		S 18 18 E		104.85		S 56 21 W		130.33		N 88 17 W		60.72	
457		S 20 21 E		63.20		N 71 24 W		95.97		N 7 60 W		102.41	
458		S 23 24 E		112.80		N 65 58 W		76.25		N 30 60 E		77.75	
459		S 63 1 E		98.77		N 74 44 W		54.83		N 3 39 W		65.64	
460		S 57 25 E		78.16		S 62 36 W		86.01		N 45 45 W		59.48	
461		S 52 51 E		173.20		S 19 9 W		123.97		N 68 56 W		93.61	
462		N 55 34 E		87.39		S 88 30 E		83.45		S 75 57 W		47.77	
462 - 1	53.87				2.97				5.82				53.40
462 - 2	59.87				7.75				12.05				60.32
462 - 3	54.12				7.68				11.73				55.26
462 - 4	6.30				63.12				63.49				10.35
463 - 0	59.82				7.28				4.62				59.47
463 - 1	60.22				6.32				5.73				59.35
463 - 2	59.70				6.82				10.16				60.36

814
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Janet
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:34 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Burrow
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

814
 RECORDED - FILED
A. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 53
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	462 -04	S 11 35 E	22.00	RT BANK
	RT BANK	S 11 35 E	40.00	LT BANK
	LT BANK	S 11 35 E	5.00	VSM 65
	VSM 65	S 11 35 E	216.29	463 -00

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 16 47 E	2736.95	454 - 5
	POT	S 16 47 W	2975.78	455 - 0
		S 77 48 E	76.26	RM-1
		S 64 28 W	67.64	RM-2
		N 41 35 W	73.72	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 25 47 E	2660.70	456 - 0
	POT	S 25 47 W	613.32	457 - 0
		N 73 14 E	93.08	RM-1
		S 28 22 E	96.73	RM-2
		N 48 0 W	59.14	RM-3

81-
 RECORDED - FILED
Vally REC. DIST.
 DATE 1-12 19 81
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Faulkner REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Brown REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Ramsey REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
A. Dubois REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 53
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 20 11 E	1140.24	460 - 0
	POT	S 20 11 W	2413.05	461 - 0
		S 71 5 E	72.70	RM-1
		S 58 54 W	71.91	RM-2
		N 18 26 W	74.89	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-4	POT	N 11 32 W	2308.44	461 - 0
	POT	S 11 32 E	1397.30	462 - 0
		N 83 51 E	87.66	RM-1
		S 33 4 W	99.71	RM-2
		N 70 37 W	78.28	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-5	POT	N 11 35 W	1985.50	462 - 0
	POT	S 11 35 E	2557.85	462 - 1
		N 77 50 E	92.35	RM-1
		S 44 17 W	47.50	RM-2
		N 58 17 W	53.80	RM-3

81-7
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-17 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Distma REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Zambardo REC. DIST.
 DATE 1-7 1981
 TIME 1:24 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Bannon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
Rampant REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-7
 RECORDED - FILED
A. Duhon REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
463 - 3	55.54				7.00				9.70				56.25
463 - 4	59.83				8.80				6.25				59.36
463 - 5	59.70				5.86				2.81				59.77
463 - 6	60.31				12.12				7.57				59.65
463 - 7	65.67				12.03				7.65				64.61
463 - 8	59.62				4.95				5.43				59.61
464		N 83 56 E		86.84		S 52 27 W		76.86		N 89 33 W		73.21	
465		N 82 40 E		61.98		S 61 38 W		63.95		N 69 48 W		71.46	
465 - 1	58.80				3.25				5.73				58.71
465 - 2	59.77				7.45				12.05				60.28
465 - 3	59.18				7.59				12.14				60.05
465 - 4	59.17				3.03				5.89				59.02
465 - 5	54.20				7.22				3.12				54.12
465 - 6	59.80				11.99				7.58				59.12
465 - 7	60.31				11.93				7.45				58.06
465 - 8	59.44				5.88				2.95				59.17
466		N 57 27 E		79.34		S 78 27 E		78.14		S 64 8 W		74.00	
467		N 61 15 E		92.00		S 74 3 E		87.40		S 15 10 W		110.91	
469		S 69 41 W		59.47		N 66 9 W		62.98		N 39 37 W		107.29	
469 - 1	61.00				4.68				5.81				60.95
469 - 2	59.98				11.88				7.77				59.61
469 - 3	61.90				11.86				7.78				61.28
469 - 4	59.69				4.31				4.56				59.54
469 - 5	59.67				6.23				2.89				59.59
469 - 6	59.88				12.21				7.45				59.87
469 - 7	60.75				12.31				7.39				59.48
469 - 8	60.07				4.86				5.68				59.81
471		N 76 17 E		115.92		S 23 20 W		64.65		N 74 50 W		76.17	
471 - 1	59.52				5.68				3.00				60.00
471 - 2	59.96				10.05				6.82				59.63

81-1
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:30 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Fairbanks
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Barnett
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Rampart
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
A. Sullivan
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	DIST	VSM-2	BRG	DIST	VSM-3	BRG	DIST	VSM-4
471 - 3	60.96			10.04			6.80			59.98
471 - 4	59.46			5.88			3.12			59.68
471 - 5	54.69			5.02			6.96			54.92
472 - 1	54.25			5.68			6.23			55.60
472 - 2	54.75			5.02			6.84			54.90
472 - 3	49.48			6.41			5.40			49.65
472 - 4	59.59			6.04			7.55			60.14
472 - 5	59.55			6.38			8.68			59.86
472 - 6	60.00			8.76			6.27			59.70
472 - 7	60.14			8.38			5.24			59.43
473 - 1	60.95			9.24			5.93			58.94
473 - 2	60.10			8.31			5.25			59.49
473 - 3	52.03			4.57			4.60			51.96
473 - 4	59.58			7.66			5.90			59.61
473 - 5	59.80			7.90			5.84			59.36
473 - 6	58.99			4.86			5.40			59.28
473 - 7	64.13			5.95			2.88			64.23
473 - 8	60.43			10.19			6.47			59.65
473 - 9	62.36			10.29			6.59			57.93
473 - 10	59.30			6.14			2.96			58.93
474		N 68 9 E	79.20		S 35 53 W	52.05		N 78 41 W	71.38	

81-
 RECORDED - FILED
 Valdez REC. DIST.
 DATE 1-12 1981
 TIME 10:00 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Clatskanie REC. DIST.
 DATE 1-13 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Fairbanks REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Barrow REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
 At Subst REC. DIST.
 DATE 1-7 92 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 54
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 9 4 W	2372.85	469 - 8
	POT	S 9 4 E	2083.34	471 - 0
		S 64 3 E	109.40	RM-1
		S 34 56 W	86.23	RM-2
		S 82 1 W	59.55	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 33 15 W	2801.62	473 - 10
	POT	S 33 15 E	1681.41	474 - 0
		S 7 46 W	78.19	RM-1
		S 48 22 W	59.58	RM-2
		N 82 4 W	73.39	RM-3

81-
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:10 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Valley REC. DIST.
 DATE 1-12 1981
 TIME 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Zimbank REC. DIST.
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Banan REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
2 Subm REC. DIST.
 DATE 1-7 1981
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RM1	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
475		N 82 29 E		73.55		S 35 9 W		89.79		N 38 7 W		89.05	
475 - 1	56.91				5.74				3.24				58.04
475 - 2	59.66				10.20				6.94				59.63
475 - 3	58.04				10.20				6.82				57.05
475 - 4	59.51				5.88				3.01				59.33
475 - 5	59.43				5.21				6.78				59.25
475 - 6	59.88				8.79				6.34				59.58
475 - 7	59.61				8.89				6.36				59.62
475 - 8	59.53				6.32				8.88				59.68
476 - 0	59.77				5.96				7.75				59.90
476 - 1	58.11				5.88				7.68				61.59
476 - 2	59.77				6.22				4.27				59.51
476 - 3	58.26				9.15				6.05				57.82
476 - 4	59.61				6.40				8.79				59.66
476 - 5	59.57				5.98				2.91				59.79
476 - 6	60.06				12.02				7.76				59.52
476 - 7	61.07				10.00				6.79				60.27
476 - 8	59.88				4.75				5.60				59.33
477		S 84 9 E		129.05		S 23 57 W		131.39		N 89 59 W		106.54	
478		N 57 40 E		101.39		S 1 29 E		76.48		S 83 1 W		75.30	
479		N 3 28 E		103.64		N 43 55 E		80.46		N 89 33 E		108.80	
480		S 10 19 E		76.07		S 57 30 W		60.61		N 79 10 W		88.89	
480 - 1	63.32				5.71				2.89				63.40
480 - 2	60.06				10.01				6.94				59.79
480 - 3	64.74				10.16				6.77				63.70
480 - 4	59.39				5.82				3.19				59.39
480 - 5	62.67				5.89				7.67				62.88
480 - 6	59.70				7.80				5.78				59.20
480 - 7	60.18				7.59				6.00				59.62
480 - 8	59.56				6.03				7.77				59.48

81-
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:10 A.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Valley
 REC. DIST. _____
 DATE 1-12 1981
 TIME 10:20 A.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Sanborn
 REC. DIST. _____
 DATE 1-7 1981
 TIME 1:39 P.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Sanborn
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Sanborn
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
A. Dalton
 REC. DIST. _____
 DATE 1-7 1981
 TIME 2:13 P.M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1 DIST	VSM-2	BRG RM2 DIST	VSM-3	BRG RM3 DIST	VSM-4
480 - 9	59.54		5.85		7.46		60.03
480 -10	59.57		7.58		5.75		59.47
480 -11	61.82		8.34		5.37		58.51
481 - 1	59.05		10.18		6.79		58.72
481 - 2	59.54		7.74		12.13		60.47
481 - 3	59.66		5.84		4.68		59.57
481 - 4	59.46		5.95		7.67		59.70
481 - 5	59.24		5.87		7.52		59.76
481 - 6	59.55		4.40		4.29		59.65
481 - 7	61.49		4.49		4.40		61.36
481 - 8	59.69		7.84		5.86		59.47
481 - 9	60.03		7.91		5.72		59.71
481 -10	59.48		4.86		5.52		59.34
481 -11	59.22		4.90		5.68		59.54
481 -12	59.63		7.83		5.72		59.38
481 -13	60.24		7.69		5.82		59.79
481 -14	59.69		4.79		5.67		59.47
481 -15	60.00		4.98		5.51		60.00
481 -16	59.57		7.75		5.88		59.37
481 -17	59.84		7.72		5.91		59.24
481 -18	54.66		4.84		5.57		54.26

81-1
 RECORDED - FILED
 Valby
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Vitma
 DATE 1-12 1981
 TIME 10:20 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Lankanda
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Bannin
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 Rampant
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
 A. Suba
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 55
REFERENCE MONUMENTS
3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	476 -08	S 28 33 E	287.03	RT BANK RM
	RT BANK RM	S 28 33 E	67.00	RT BANK
	RT BANK	S 28 33 E	79.59	LT BANK
	LT BANK	S 28 33 E	208.99	477
	RT BANK RM	N 65 45 E	115.00	RM-1
		S 53 41 W	75.91	RM-2
		N 70 56 W	83.94	RM-3
	LT BANK RM	S 84 9 E	129.05	RM-1
		S 23 57 W	131.39	RM-2
		N 89 59 W	106.55	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 25 4 W	1868.79	477 - 0
	POT	S 25 4 E	1284.16	478 - 0
		N 69 32 E	83.41	RM-1
		S 22 33 W	65.42	RM-2
		N 79 37 W	68.23	RM-3

81-1
RECORDED - FILED
Varday REC. DIST.
DATE 1-12 1981
TIME 10:10 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK, 99503

81-1
RECORDED - FILED
Christina REC. DIST.
DATE 1-12 1981
TIME 10:20 AM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rainbow REC. DIST.
DATE 1-7 1981
TIME 1:39 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Dan REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Rampart REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
A. Dillan REC. DIST.
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

ALIGNMENT SHEET 55
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 45 52 W	1901.32	479 - 0
	POT	S 45 52 E	2070.86	480 - 0
		N 39 30 E	82.42	RM-1
		S 9 53 W	82.95	RM-2
		N 89 40 W	89.25	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 47 45 W	2703.64	480 - 0
	POT	S 47 45 E	1581.39	480 - 1
		S 3 30 E	85.08	RM-1
		S 39 10 W	64.28	RM-2
		S 85 55 W	80.88	RM-3

81-
 RECORDED - FILED
Vaddy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Zanbomba REC. DIST.
 DATE 1-7 1981
 TIME 11:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Banner REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
Rampart REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-
 RECORDED - FILED
St. Basil REC. DIST.
 DATE 1-7 1981
 TIME 2:13 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503