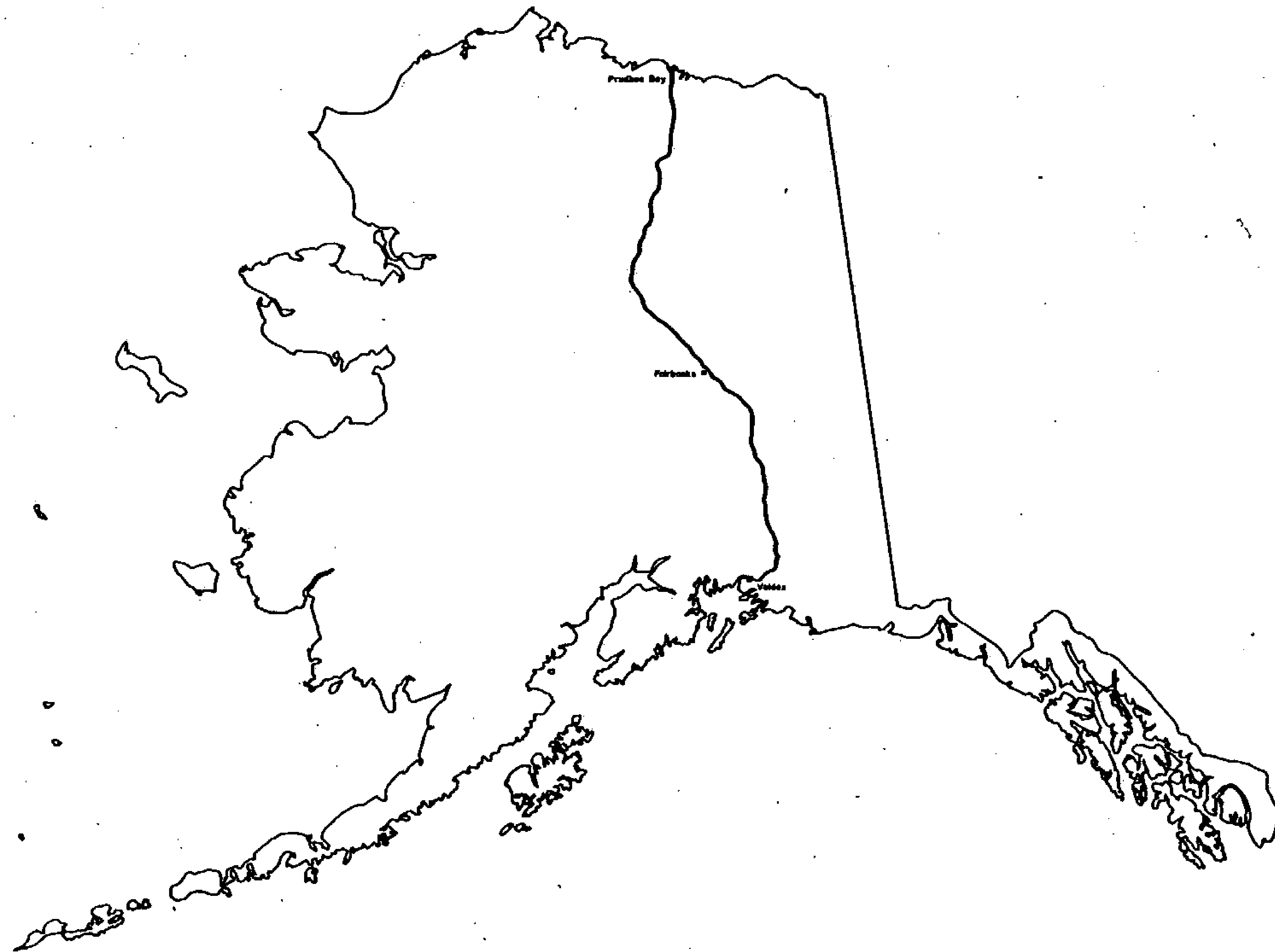


TRANS-ALASKA PIPELINE RIGHT-OF-WAY WIDTHS



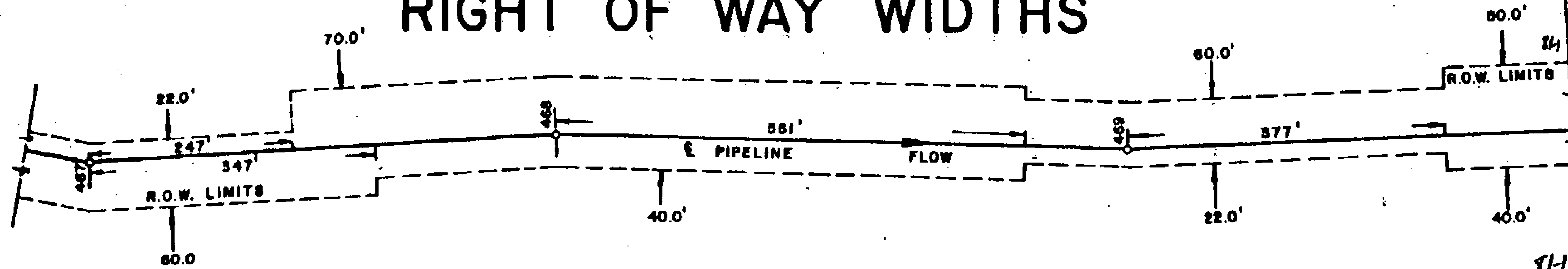
prepared by
OCEAN TECHNOLOGY LTD.

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
SHELL PIPELINE COMPANY
UNION-ALASKA PIPELINE COMPANY

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
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
Chitma 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
Frankenbush 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
El Subhan 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

R.O.W. CODE CLASSIFICATION

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.

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~~
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~~
Fambro 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

81-1
~~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~~
St. Ignace 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.

81-1

RECORDED - FILED

Valdy 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 1:39 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

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

H. Sullivan 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)

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.

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

Chitna 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

Lambert 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

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

St. Subhan 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~~
Valley REC. DIST.
 DATE 1-7 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 1-7 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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.

81-1
~~RECORDED - FILED~~
Zambardo REC. DIST.
 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~~
Rampart 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~~
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~~
A. Billo REC. DIST.
 DATE 1-7 19 81
 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~~
Vuldy REC. DIST.
 DATE 1-12 1981
 TIME 10:10 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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~~
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~~
Tainbamba REC. DIST.
 DATE 1-7 1981
 TIME 1:29 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1

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

G-100 SERIES ALIGNMENT SHEET 16
 21 APR 80

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
Barnes
 REC. DIST. _____
 DATE 1-7 19 81
 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
	RIGHT	LEFT		
FEDERAL LAND *** MATCH LINE			4330+00	
	12	42		(B)
84 898.82			4386+00	
	12	42		(B-D)
84 1106.82			4388+08	
	12	42		(B)
84 2580.97			4402+29	
	12	42		(B-D)
85 655.75			4409+20	
	12	42		(B)
85 4216.			4444+82	
	330	240		(B-D)
86 103.36			4452+17	
	12	42		(B)
86 408.			4455+04	
	22	42		(A)
86-1 98.53			4459+06	
	22	42		(A-D)
86-2 74.39			4460+62	
	22	42		(A)
86-5 240.10			4468+80	
	22	42		(A-D)
86-5 395.77			4470+36	
	22	42		(A)
86-8 16.			4478+62	
	22	352		(A-D)
86-8 181.			4480+26	
	22	42		(A-D)
86-8 355.			4482+00	
	22	120		(A-F)
86-9 260.			4487+00	
	22	42		(A)

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

81-1
 COMMENTS
 BEGIN SPUR DIKE NO. 6, SEE DETAIL DWG.
 END SPUR DIKE NO. 6
 BEGIN SPUR DIKE NO. 5, SEE DETAIL DWG.
 END SPUR DIKE NO. 5
 BEGIN SPUR DIKE NO. 4
 END SPUR DIKE NO. 4
 B/G TO A/G TRANSITION
 BEGIN SPUR DIKE NO. 3, SEE DETAIL DWG.
 END SPUR DIKE NO. 3
 BEGIN SPUR DIKE NO. 2, SEE DETAIL DWG.
 END SPUR DIKE NO. 2
 BEGIN SPUR DIKE NO. 1 WIDENING LEFT
 END SPUR DIKE NO. 1
 BEGIN WIDENING CHARLOT CREEK BRIDGE
 END WIDENING CHARLOT CREEK BRIDGE

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

86-9	278.	-----	4487+18	(A-E1)
		22	75	
86-10	328.	-----	4491+90	(A-V-E1)
		22	165	
86-10	663.	-----	4495+25	(A-E1)
		22	75	
MATCH LINE		-----	4640+00	

BEGIN INSULATED PAD
N. BDY. MANUAL - CHECK VALVE 19
S. BDY. MANUAL - CHECK VALVE 19

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~~
Barrow 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 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
~~RECORDED - FILED~~
St. 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~~
Jainkanta 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~~
Ram pikt 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 17
21 APR 80

81-1
RECORDED - FILED
Valkyrie 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	HORZ. DISTANCE	R O W WIDTHS		ASBUILT PIPELINE STATIONING	CODE CLASSIFICATION	COMMENTS
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND *** MATCH LINE				4640+00		
		22	75	(A-E1)		
93-3	330.			4729+57		BEGIN WIDENING RIGHT FOR FUEL GAS LINE
		70	75	(A-E1-G)		
93-3	462.			4730+91		C/L EXISTING ROADWAY
		70	75	(A-E1-F-G)		
100-2	259.80			4862+80		FUEL GAS LINE CROSSES, SEE DETAIL DWG.
		70	75	(A-E1-G3)		
100-2	311.14			4863+31		END WIDENING RT. FOR FUEL GAS LINE
		22	75	(A-E1)		
100-4	412.14			4876+29		BEGIN WIDENING RT. FOR FUEL GAS LINE
		70	75	(A-E1-G)		
100-5	42.16			4876+79		FUEL GAS LINE CROSSES, SEE DETAIL DWG. ABOVE
		70	75	(A-E1-G3)		
MATCH LINE				4950+00		

81-1
RECORDED - FILED
Anderson 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
Hilton 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
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

G-100 SERIES ALIGNMENT SHEET 18
21 APR 80

81-1
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

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

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				4950+00		
		70	75		(A-E1-G)	
103-5	485.			5017+51		N. BDY. CHECK VALVE 20
		70	165		(A-V-E1-G)	
103-5	650.			5019+16		S. BDY. CHECK VALVE 20
		70	75		(A-E1-G)	
106-2	569.			5137+16		N. BDY. CHECK VALVE 21
		70	165		(A-V-E1-G)	
106-2	734.			5138+81		S. BDY. CHECK VALVE 21
		70	75		(A-E1-G)	
MATCH LINE				5250+00		

81-1
RECORDED - FILED
Lambert REC. DIST.
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
Ramond 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
Burner 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
A. Butler REC. DIST.
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 19
21 APR 80

81-1

RECORDED - FILED

Varden REC. DIST. _____

DATE 1-12 1981

TIME 10:10 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
		DIRECTION OF FLOW RIGHT	DIRECTION OF FLOW LEFT			
FEDERAL LAND ***						
MATCH LINE						
		70	75	5250+00	(A-E1-G)	
108-6	112.32			5382+52		END WIDENING FOR FUEL GAS LINE SEE FUEL GAS LINE R/W DWG.
		22	75	5492+89	(A-E1)	
111-6	255.			5496+40	(B)	TRANSITION A/G TO B/G
111-6	606.			5496+40	(B)	END INSULATED PAD
		12	42		(B)	
PUMP STA NO. 3						
111-6	934.14			5499+68	(B-P)	N. BDY. P.S. 3 SEE DWG. D-33-L600
		XX	XX		(B-P)	
FEDERAL LAND ***						
111-6	2772.58			5518+06	(B)	S. BDY. P.S. 3
		12	42		(B)	
MATCH LINE						
				5550+00		

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

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

Rumpak 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

Stankovic 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

St. Milton 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 20
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				5550+00		
120	6047.	12	42	5756+03	(B)	N. BDY. CHECK VALVE 22
120	6212.	135	42	5757+68	(B-V)	S. BDY. CHECK VALVE 22
MATCH LINE		12	42	5800+00	(B)	

81-1
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

81-1
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

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
Rampart 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
Zachary REC. DIST.
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
St. Dalton REC. DIST.
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 21
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				5800+00		
		12	42		(B)	
122	5582.			5839+46		TRANSITION B/G TO A/G, BEGIN INSULATED PAD
		22	75		(A-E1)	
124-9	507.			6054+49		N. BDY. CHECK VALVE 23
		22	165		(A-V-E1)	
124-9	672.			6056+14		S. BDY. CHECK VALVE 23
		22	75		(A-E1)	
MATCH LINE				6110+00		

81-1
RECORDED - FILED
Valdyf 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
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
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
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
Stambler 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
A. Sitter 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 22
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				6110+00		
		22	75	(A-E1)		
MATCH LINE				6400+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
Burns 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
Chitina 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
H. Milder 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
Fairbanks 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
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 23
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						
		22	75	6400+00	(A-E1)	
131-7	807.			6657+26	(A-C-E1)	BEGIN A/G CROSSOVER AT BENT 17B
131-7	843.	75	75	6657+61	(A-C-E1-F)	C/L EXISTING ROADWAY
131-7	886.	75	75	6658+05	(A-C-E1-F)	END A/G CROSSOVER AT BENT 16B
131-9	257.	75	22	6665+54	(A-E1)	END INSULATED PAD
131-13	399.	42	22	6677+72	(A)	BEGIN INSULATED PAD
		75	22	6690+00	(A-E1)	
MATCH LINE						

81-1
RECORDED - FILED
Valday 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
A. Anderson 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
A. Hillman 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
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
Brompt 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 24
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				6690+00		
		75	22	6720+00	(A-E1)	N. BDY. CHECK - MANUAL VALVE 24
132-4	618.	165	22	6721+80	(A-V-E1)	S. BDY. CHECK - MANUAL VALVE 24
132-4	798.	75	22	6916+28	(A-E1)	N. BDY. CHECK VALVE 25
134-7	748.	165	22	6917+93	(A-V-E1)	S. BDY. CHECK VALVE 25
134-7	913.	75	22	6950+00	(A-E1)	
MATCH LINE						

81-1
RECORDED - FILED
V. Kelly 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
J. Burman 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
Burman 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. Sinton 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 25
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				6950+00		
		75	22	(A-E1)		
MATCH LINE				7250+00		

81-1

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

81-1

RECORDED - FILED

Barnes 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

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

H. Dildan 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

Zainab REC. DIST.

DATE 1-7 19 81

TIME 1:39 P M

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

81-1

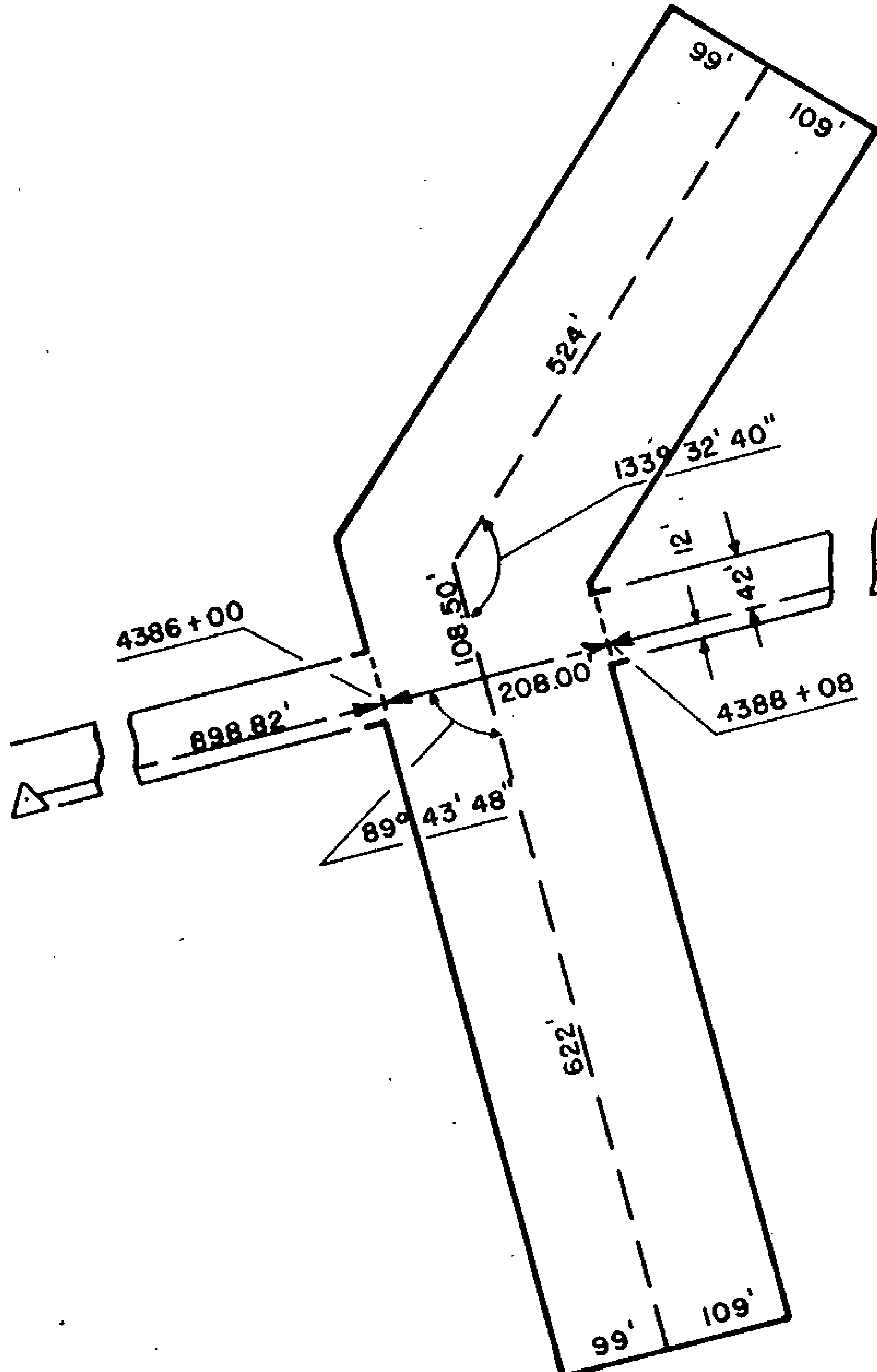
RECORDED - FILED

Rampant REC. DIST.

DATE 1-7 19 81

TIME 2:13 P M

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



AP 84

AP 85

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

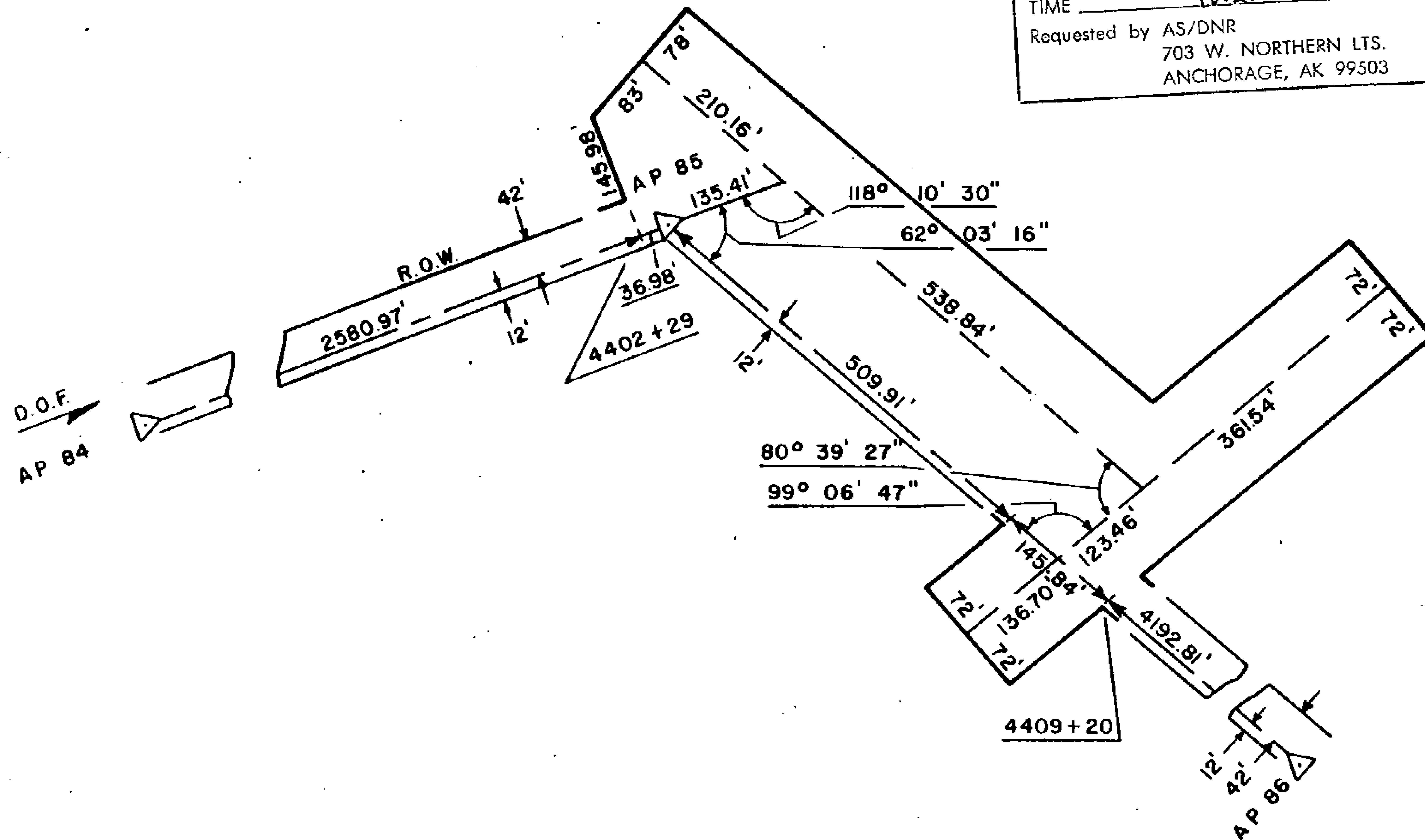
81-1
 RECORDED - FILED
Christina
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

81-1
 RECORDED - FILED
A. S. S. S.
 REC. DIST. _____
 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
H. S. S. S.
 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 16
 STATION 4386+00
 SPUR DIKE 6
 FIELD BOOK 170-121, PAGE 28-31
 SCALE: 1" = 200'
 DATE: AUG. 16, 1978



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

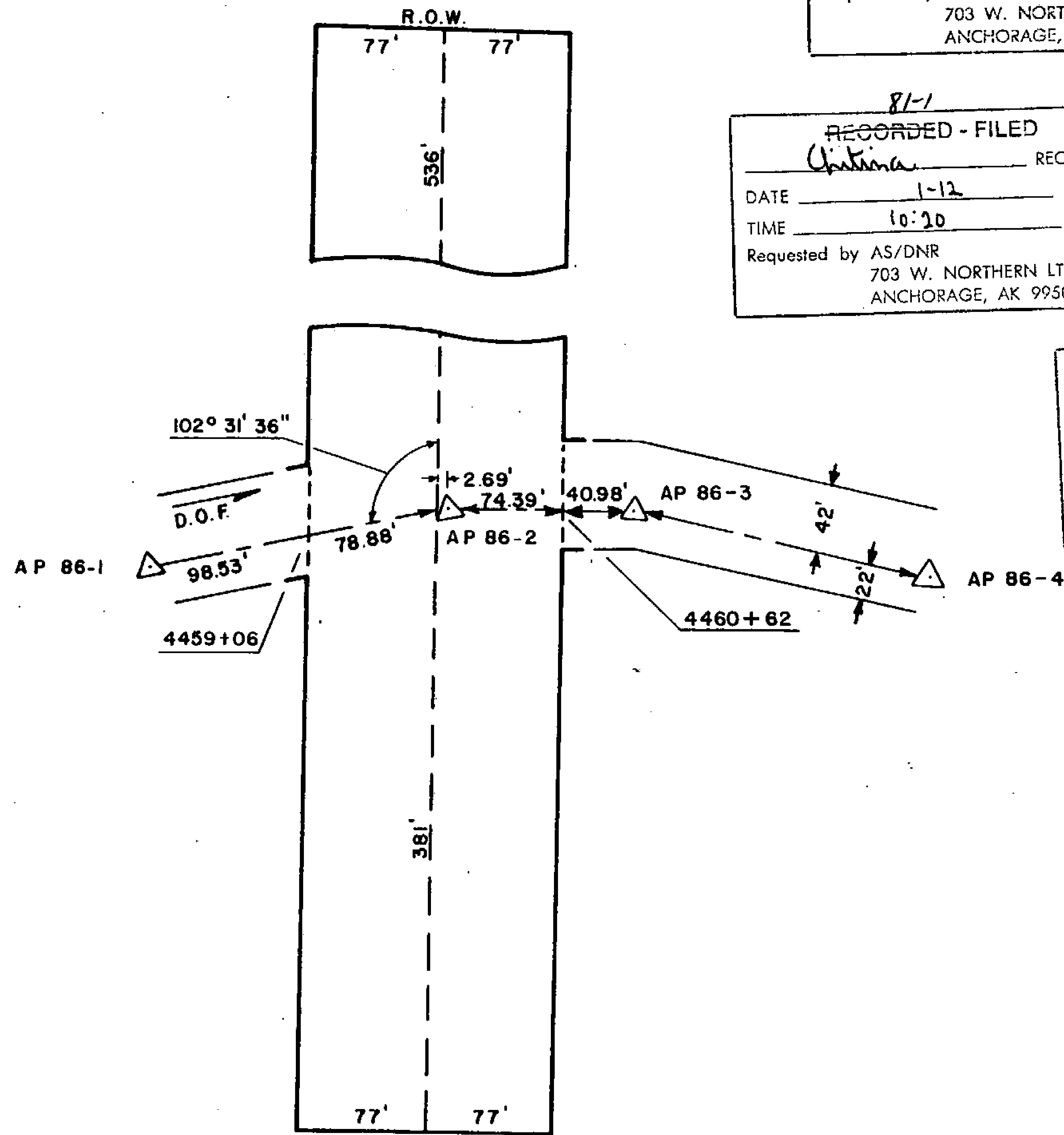
81-1
 RECORDED - FILED
Chidina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
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
St. Helton 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 16
STATION 4402+29
SPUR DIKE 5
 FIELD BOOK 170-121, PAGE 28-31
 SCALE: 1" = 200'
 DATE: AUG. 16, 1978



81-1
 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

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

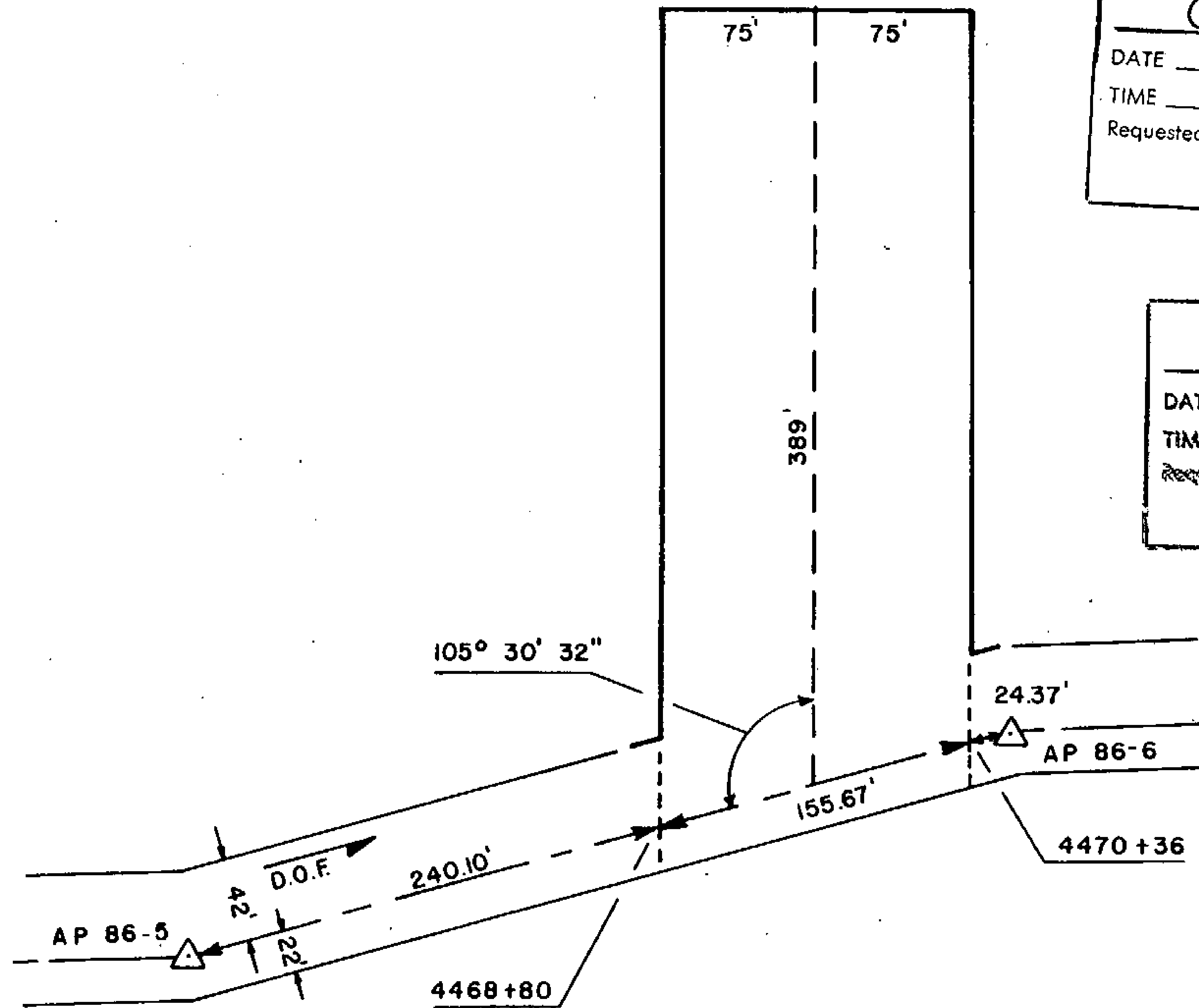
81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 19 81
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Benson 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
Atkinson 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
Rampant 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 16
STATION 4459+06
 SPUR DIKE 3
 FIELD BOOK 170-122, PAGE 34-38
 SCALE: 1" = 100'
 DATE: AUG. 16, 1978



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

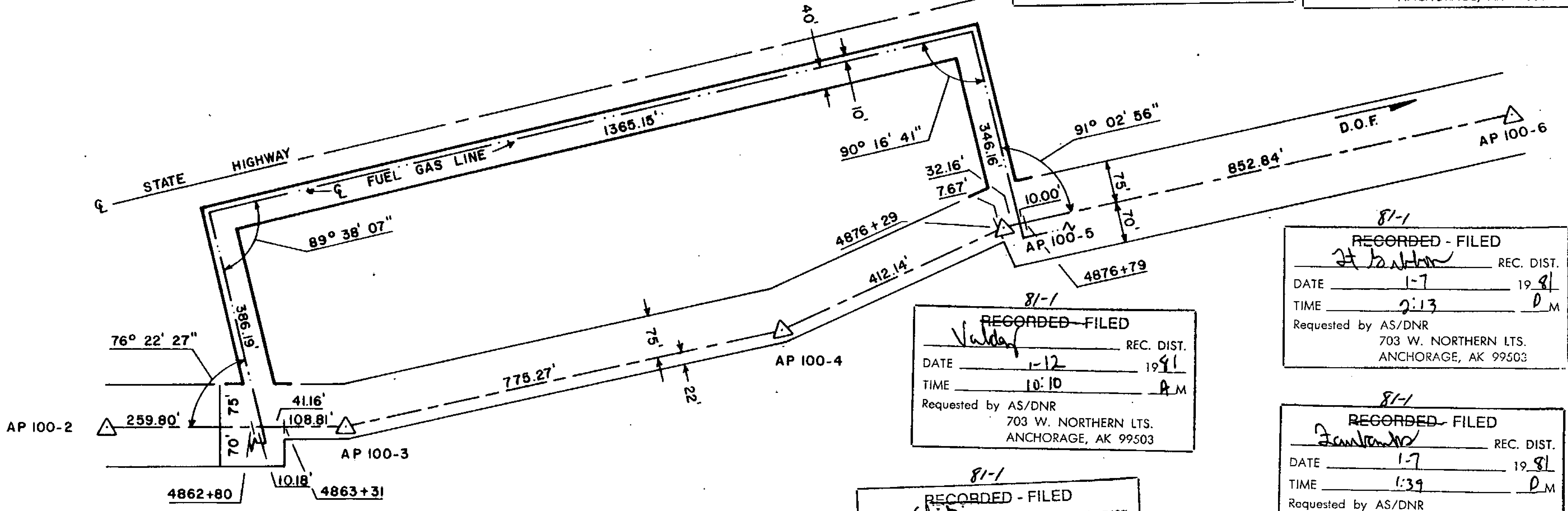
81-1
RECORDED - FILED
Franklin REC. DIST.
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
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 16
STATION 4468+80
 SPUR DIKE 2
 FIELD BOOK 170-122, PAGE 34-38
 SCALE: 1" = 100'
 DATE: AUG. 16, 1978

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

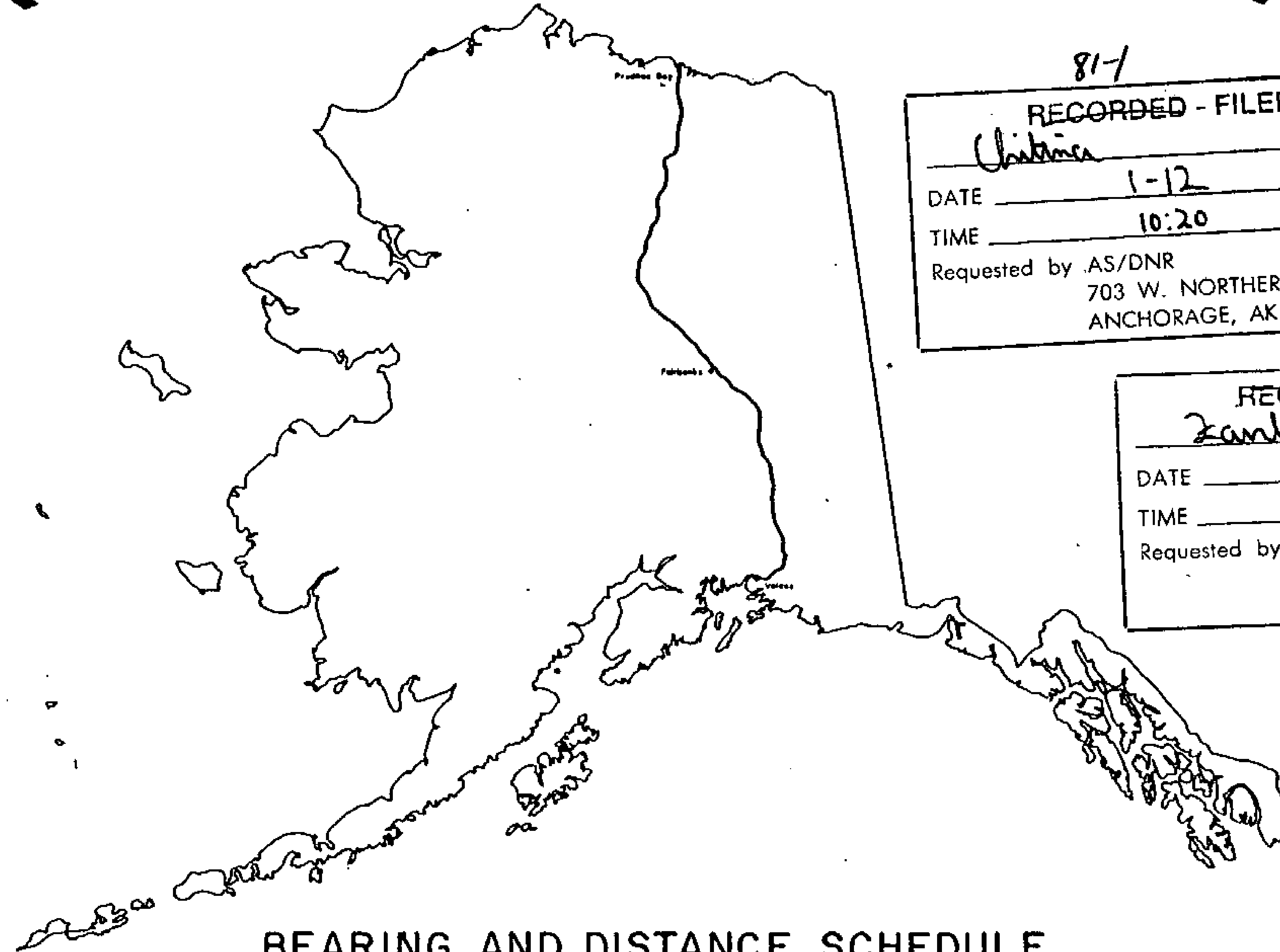
81-1
 RECORDED - FILED
Christina REC. DIST.
 DATE 1-12 1981
 TIME 10:20 A.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 17
STATION 4862 + 80
 FIELD BOOK 170-122, PAGE 48-50
 SCALE: 1" = 200'
 DATE: AUG. 19, 1978

TRANS-ALASKA

PIPELINE MONUMENTATION SURVEY



BEARING AND DISTANCE SCHEDULE

Alyeska pipeline

SERVICE COMPANY

Prepared by
OCEAN TECHNOLOGY LTD

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

- agent for:
- AMERADA HESS PIPELINE CORPORATION
 - ARCO PIPELINE COMPANY
 - BP PIPELINES INC
 - ERRON PIPELINE COMPANY
 - MOBIL ALASKA PIPELINE COMPANY
 - PHILLIPS ALASKA PIPELINE COMPANY
 - SONIO PIPELINE COMPANY
 - UNION ALASKA PIPELINE COMPANY

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

3

ALIGNMENT SHEET 16

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
81	5542142.28	657894.02			219	230
82	5535730.29	656284.88	194 5 16	6610.82	S 15 12 50 W	218 231
83	5532461.54	655608.42	191 41 32	3338.01	S 12 48 33 W	217 232
84	5531224.71	655504.87	184 47 9	1241.16	S 5 53 59 W	216 233
85	5528801.27	656494.63	157 47 4	2617.76	S 21 5 56 E	215 234
86	5525079.01	653388.21	219 50 48	4848.20	S 40 57 20 W	214 235
86 - 1	5524369.88	653472.02	173 15 35	714.06	S 5 38 34 E	741 236
86 - 2	5524199.85	653531.34	160 46 2	180.08	S 18 8 5 E	740 237
86 - 3	5524085.21	653544.26	173 34 12	115.37	S 5 19 55 E	739 238
86 - 4	5523905.91	653526.78	185 34 5	180.15	S 6 39 59 W	738 239
86 - 5	5523552.86	653568.71	173 13 37	355.53	S 5 40 29 E	737 240
86 - 6	5523156.24	653707.20	160 45 8	420.10	S 18 8 57 E	736 241
86 - 7	5522798.97	653749.44	173 15 26	359.76	S 5 38 36 E	735 242
86 - 8	5522380.96	653707.40	185 44 35	420.12	S 6 50 33 W	734 243
86 - 9	5521785.42	653778.10	173 13 47	599.72	S 5 40 15 E	733 244
86 - 10	5521389.52	653916.44	160 44 20	419.37	S 18 9 40 E	732 245

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

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

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

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

ALIGNMENT SHEET 16

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN	CODE	FILE
Y ZONE 4 X	AZIMUTH DIST	BEARING DIST	NO.	NO.
86 -10	5521389.52 653916.44	173 14 42 1136.25 S 5 39 15 E 1136.33	732	245
86 -11	5520261.16 654050.09	185 46 10 418.99 S 6 52 14 W 419.02	731	246
86 -12	5519844.29 654007.97	173 11 4 60.17 S 5 42 52 E 60.17	730	247
86 -13	5519784.55 654015.11	163 30 1 60.00 S 15 23 55 E 60.00	729	248
87 - 1	5519727.02 654032.15	153 52 46 884.75 S 25 1 5 E 884.81	728	249
87 - 2	5518932.63 654421.67	141 22 18 419.89 S 37 31 25 E 419.92	727	250
87 - 3	5518604.61 654683.79	153 53 46 645.27 S 24 59 51 E 645.32	726	251
87 - 4	5518025.16 654967.71	166 22 58 419.86 S 12 30 34 E 419.89	725	252
87 - 5	5517617.10 655066.56	153 50 57 635.85 S 25 2 30 E 635.89	724	253
87 - 6	5517046.34 655346.80	159 55 16 56.97 S 18 58 7 E 56.98	723	254
87 - 7	5516992.83 655366.36	171 57 35 56.91 S 6 55 48 E 56.92	722	255
88 - 1	5516936.48 655374.32	183 48 42 57.17 S 4 55 19 W 57.17	721	256
88 - 2	5516879.44 655370.52	190 8 13 504.82 S 11 14 49 W 504.85	720	257
88 - 3	5516382.50 655281.67	202 36 22 419.80 S 23 42 54 W 419.84	719	258
88 - 4	5515994.95 655120.30	190 6 3 518.42 S 11 12 31 W 518.46	718	259
88 - 5	5515484.57 655029.38		717	260

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
St. Ballou
 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 16

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
88 - 5	5515484.57 655029.38			717	260
88 - 6	5515065.02 655046.91	177 36 27	419.91	S 1 17 6 E	419.94
88 - 7	5514416.94 654931.24	190 7 11	658.32	S 11 13 36 W	658.37
89 - 1	5514356.74 654931.11	180 7 25	60.20	S 1 13 49 W	60.20
89 - 2	5514297.61 654941.37	170 9 23	60.01	S 8 44 13 E	60.02
89 - 3	5513909.01 655099.98	157 47 49	419.72	S 21 5 45 E	419.75
89 - 4	5513095.50 655239.15	170 17 32	825.33	S 8 35 59 E	825.39
89 - 5	5512676.17 655218.65	182 47 56	419.83	S 3 54 26 W	419.86
90	5511861.85 655357.76	170 18 21	826.12	S 8 35 7 E	826.18
90 - 1	5511802.90 655368.98	169 13 24	60.01	S 9 40 2 E	60.01
90 - 2	5511417.40 655534.95	156 42 24	419.71	S 22 11 0 E	419.74
90 - 3	5510419.99 655724.96	169 12 51	1015.35	S 9 40 29 E	1015.42
90 - 4	5510000.46 655712.47	181 42 19	419.72	S 2 49 1 W	419.75
90 - 5	5508767.36 655947.74	169 11 53	1255.34	S 9 41 23 E	1255.43
90 - 6	5508381.75 656113.81	156 41 60	419.85	S 22 11 11 E	419.88
90 - 7	5508322.91 656124.72	169 29 46	59.85	S 9 23 23 E	59.85

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

Jamie REC. DIST.

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

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. Sullivan 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

Rampart 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 16

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
90 - 7	5508322.91 656124.72		702	275
91 - 1	5508262.94 656126.31	178 28 53 59.99 S 0 24 16 E 59.99	701	276
91 - 2	5507566.02 656028.28	188 0 24 703.78 S 9 7 14 W 703.83	700	277
91 - 3	5507172.68 655881.09	200 30 58 419.98 S 21 37 44 W 420.01	699	278

81-1
RECORDED - FILED
Vaddy 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
Christie 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
Lambert REC. DIST.
 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
Benson 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
A. Sutter 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
Bumpert 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

Valden 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

ALIGNMENT SHEET 17

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
91 - 3	5507172.68	655881.09			699	278
91 - 4	5506239.29	655749.77	188 0 31	942.58	698	279
91 - 5	5505845.69	655602.62	200 29 55	420.21	697	280
91 - 6	5504483.83	655410.93	188 0 44	1375.28	696	281
91 - 7	5504065.06	655443.66	175 31 52	420.05	695	282
91 - 8	5502644.06	655243.60	188 0 50	1435.01	694	283
91 - 9	5502224.90	655276.48	175 30 53	420.45	693	284
91 - 10	5501278.54	655142.95	188 1 53	955.73	692	285
91 - 11	5500885.29	654995.99	200 29 28	419.81	691	286
91 - 12	5500529.36	654946.16	187 58 11	359.40	690	287
92 - 1	5500470.87	654930.21	195 15 10	60.63	689	288
92 - 2	5500415.08	654907.08	202 31 9	60.39	688	289
92 - 3	5500070.38	654667.18	214 50 12	419.96	687	290
92 - 4	5499586.24	654468.18	202 20 40	523.44	686	291
92 - 5	5499172.59	654396.39	189 50 45	419.83	685	292
92 - 6	5498697.86	654201.61	202 18 29	513.14	684	293

81-1
RECORDED - FILED

Fainstein 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

A. Gibbon 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 17

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN	CODE	FILE
	Y ZONE 4 X AZIMUTH DIST	BEARING DIST	NO.	NO.
92 - 6	5498697.86 654201.61	208 21 43 48.16 S 29 27 39 W 48.17	684	293
92 - 7	5498655.48 654178.73	220 21 2 47.71 S 41 26 57 W 47.71	683	294
93 - 1	5498619.12 654147.84	232 29 56 48.23 S 53 35 50 W 48.23	682	295
93 - 2	5498589.76 654109.58	243 32 6 47.95 S 64 37 60 W 47.96	681	296
93 - 3	5498568.39 654066.65	249 50 42 826.67 S 70 56 25 W 826.73	680	297
93 - 4	5498283.55 653290.60	244 15 31 60.55 S 65 21 3 W 60.55	679	298
93 - 5	5498257.25 653236.06	231 53 41 59.65 S 52 59 12 W 59.66	678	299
94 - 1	5498220.44 653189.12	220 29 5 59.90 S 41 34 34 W 59.90	677	300
94 - 2	5498174.88 653150.23	209 0 35 60.17 S 30 6 4 W 60.17	676	301
94 - 3	5498122.26 653121.05	203 5 48 754.59 S 24 11 12 W 754.64	675	302
94 - 4	5497428.16 652825.04	190 36 38 420.13 S 11 41 57 W 420.16	674	303
94 - 5	5497015.21 652747.68	203 6 36 635.82 S 24 11 51 W 635.87	673	304
94 - 6	5496430.41 652498.12	215 37 1 419.57 S 36 42 9 W 419.60	672	305
94 - 7	5496089.33 652253.78	203 6 18 60.09 S 24 11 22 W 60.09	671	306
95	5496034.06 652230.20	191 21 49 1018.61 S 12 26 50 W 1018.68	670	307
95 - 1	5495035.42 652029.50		669	308

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

81-1
 RECORDED - FILED
Chitima
 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
Sinbanks
 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
Burner
 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. Bilton
 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

ALIGNMENT SHEET 17

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
95 - 1	5495035.42	652029.50			669	308
95 - 2	5494651.21	651859.63	203 51 6	420.09	S 24 56 2 W	420.12
95 - 3	5493711.42	651670.69	191 22 3	958.59	S 12 26 54 W	958.66
95 - 4	5493291.51	651678.94	178 52 28	419.99	S 0 2 43 E	420.02
96	5493232.90	651667.13	191 23 34	59.79	S 12 28 23 W	59.79
96 - 1	5492477.05	651506.78	191 58 39	772.67	S 13 3 25 W	772.73
96 - 2	5492094.76	651332.76	204 28 31	420.03	S 25 33 12 W	420.06
96 - 3	5491205.49	651143.78	191 59 51	909.13	S 13 4 28 W	909.20
96 - 4	5491150.39	651138.11	185 52 30	55.39	S 6 57 4 W	55.40
97 - 1	5491095.26	651143.72	174 11 23	55.41	S 4 44 4 E	55.42
97 - 2	5491042.69	651160.15	162 38 39	55.08	S 16 16 48 E	55.08
97 - 3	5490202.43	651523.27	156 37 42	915.36	S 22 17 40 E	915.43
97 - 4	5490157.04	651549.20	150 15 44	52.28	S 28 39 33 E	52.28
97 - 5	5490117.67	651584.58	138 3 23	52.93	S 40 51 53 E	52.94
98 - 1	5490087.26	651627.52	125 18 22	52.62	S 53 36 53 E	52.62
98 - 2	5490066.91	651675.77	112 52 11	52.37	S 66 3 3 E	52.37

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

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

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

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

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

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

ALIGNMENT SHEET 17

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
98 - 2	5490066.91 651675.77		654	323
98 - 3	5489883.27 652291.58	106 36 17 642.61 S 72 18 48 E 642.65	653	324
98 - 4	5489854.67 652707.81	93 55 51 417.21 S 84 59 1 E 417.24	652	325
98 - 5	5489739.36 653091.20	106 44 21 400.35 S 72 10 21 E 400.38	651	326
98 - 6	5489711.84 653500.63	93 50 43 410.35 S 85 3 49 E 410.38	650	327
98 - 7	5489519.52 654144.18	106 38 18 671.67 S 72 16 0 E 671.72	649	328
98 - 8	5489497.91 654193.88	113 30 11 54.20 S 65 23 59 E 54.20	648	329
99 - 1	5489467.11 654238.70	124 29 38 54.38 S 54 24 30 E 54.38	647	330
99 - 2	5489427.45 654275.32	137 16 56 53.98 S 41 37 11 E 53.99	646	331
99 - 3	5488692.38 654817.10	143 36 29 913.16 S 35 17 31 E 913.22	645	332
100 - 1	5488639.12 654844.70	152 36 25 59.99 S 26 17 28 E 59.99	644	333
100 - 2	5488582.08 654863.16	162 3 59 59.95 S 16 49 53 E 59.96	643	334
100 - 3	5488164.23 654904.87	174 17 59 419.93 S 4 35 53 E 419.96	642	335
100 - 4	5487427.83 655147.11	161 47 28 775.22 S 17 6 20 E 775.27	641	336
100 - 5	5487066.87 655361.41	149 18 10 419.78 S 29 35 33 E 419.81	640	337
100 - 6	5486216.74 655641.02	161 47 38 894.93 S 17 5 59 E 895.00	639	338

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
Sainbank
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
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

ALIGNMENT SHEET 17

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X	AZIMUTH			
100 - 6	5486216.74 655641.02			639	338
101 - 1	5486157.49 655650.26	171 8 9	59.97	S 7 45 24 E	638
101 - 2	5486097.58 655649.62	180 36 44	59.91	S 1 43 10 W	339
101 - 3	5485688.49 655554.42	193 6 1	420.02	S 14 12 26 W	340
101 - 4	5484435.96 655541.23	180 36 12	1252.60	S 1 42 35 W	341
101 - 5	5484026.95 655446.08	193 5 46	419.93	S 14 12 8 W	342
101 - 6	5483133.41 655436.73	180 35 58	893.59	S 1 42 18 W	343
101 - 7	5482721.80 655523.41	168 6 29	420.64	S 10 47 11 E	344
101 - 8	5482084.05 655516.90	180 35 5	637.78	S 1 41 26 W	345
101 - 9	5482027.95 655511.27	185 43 53	56.38	S 6 50 14 W	346
102 - 1	5481974.02 655495.36	196 26 11	56.23	S 17 32 31 W	347
102 - 2	5481922.98 655470.49	205 58 38	56.78	S 27 4 57 W	348
102 - 3	5481506.96 655215.90	211 27 55	487.74	S 32 34 11 W	349
102 - 4	5481108.54 655081.35	198 39 37	420.52	S 19 45 48 W	350
102 - 5	5480527.12 654729.90	211 9 6	679.39	S 32 15 10 W	351
102 - 6	5480226.05 654437.55	224 9 29	419.66	S 45 15 25 W	352
				624	353

81-1

RECORDED - FILED

Valdy 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

Fantomb 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

Bassow 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. Hilton 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 18

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
102 - 6	5480226.05 654437.55			624	353
102 - 7	5479201.11 653813.53	211 20 5	1199.96	623	354
102 - 8	5478803.59 653678.11	198 48 43	419.95	622	355
102 - 9	5477778.77 653054.14	211 20 8	1199.83	621	356
102 -10	5477476.19 652763.63	223 50 2	419.47	620	357
102 -11	5476605.17 652233.10	211 20 43	1019.87	619	358
103 - 1	5476550.27 652209.03	203 40 29	59.94	618	359
103 - 2	5476492.66 652192.75	195 46 43	59.87	617	360
103 - 3	5476073.63 652166.13	183 38 6	419.87	616	361
103 - 4	5474949.31 651841.06	196 7 33	1170.37	615	362
103 - 5	5474580.67 651639.58	208 39 31	420.11	614	363
103 - 6	5473342.01 651281.14	196 8 21	1289.48	613	364
103 - 7	5472923.01 651254.40	183 39 6	419.85	612	365
103 - 8	5472865.47 651237.69	196 11 38	59.92	611	366
104 - 1	5472809.74 651214.61	202 29 47	60.32	610	367
104 - 2	5472096.77 650816.81	209 9 33	816.44	609	368

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

81-1
RECORDED - FILED
Jambran
 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 LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 18

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
104 - 2	5472096.77	650816.81			609	368
104 - 3	5471782.67	650537.69	221 37 31	420.20	S 42 41 42 W	420.23 608 369
104 - 4	5470863.15	650024.69	209 9 26	1052.94	S 30 13 27 W	1053.02 607 370
104 - 5	5470460.91	649904.34	196 39 26	419.86	S 17 43 18 W	419.89 606 371
104 - 6	5469361.15	649290.88	209 9 12	1259.29	S 30 12 55 W	1259.38 605 372
104 - 7	5469047.43	649011.86	221 38 59	419.85	S 42 42 30 W	419.88 604 373
104 - 8	5468210.22	648544.95	209 8 54	958.61	S 30 12 15 W	958.68 603 374
105 - 1	5468155.00	648520.49	203 53 30	60.39	S 24 56 44 W	60.40 602 375
105 - 2	5468096.89	648506.95	193 6 56	59.67	S 14 10 10 W	59.67 601 376
105 - 3	5467257.63	648388.51	188 1 58	847.57	S 9 5 10 W	847.64 998 377
105 - 4	5466864.44	648241.25	200 31 56	419.86	S 21 35 4 W	419.89 997 378
105 - 5	5465789.23	648089.66	188 1 30	1085.84	S 9 4 34 W	1085.93 996 379
105 - 6	5465372.92	648122.78	175 27 5	417.62	S 3 29 53 E	417.66 995 380
106	5464065.32	647938.62	188 1 0	1320.51	S 9 3 60 W	1320.61 994 381
106 - 1	5464005.51	647939.71	178 57 20	59.82	S 0 0 17 W	59.82 993 382
106 - 2	5463597.13	648037.97	166 28 17	420.03	S 12 28 45 E	420.07 992 383

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

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

RECORDED - FILED
Fairbanks
 DATE 1-7 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

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

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

ALIGNMENT SHEET 18

25 NOV 78

POINT ID.	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
106 - 2	5463597.13 648037.97	178 55 58	1328.35	992	383
106 - 3	5462269.01 648062.71	191 26 25	420.73	991	384
106 - 4	5461856.64 647979.26	178 56 25	1389.01	990	385
106 - 5	5460467.86 648004.95	191 26 20	420.38	989	386
106 - 6	5460055.83 647921.58	178 56 18	1439.84	988	387
106 - 7	5458616.24 647948.26	166 27 43	419.79	987	388
106 - 8	5458208.11 648046.53	178 56 44	1440.54	986	389
106 - 9	5456767.81 648073.04	166 26 49	420.15	985	390
106 -10	5456359.36 648171.50	178 56 28	1440.06	984	391
106 -11	5454919.55 648198.11	191 27 8	420.30	983	392
106 -12	5454507.62 648114.66	178 56 58	1137.22	982	393
106 -13	5453370.59 648135.51	191 26 28	420.00	981	394
106 -14	5452958.94 648052.20	179 12 16	59.79	980	395
106 -15	5452899.16 648053.03	175 40 52	836.31	979	396
107 - 1	5452065.22 648116.01			978	397

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

ALIGNMENT SHEET 19

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
107 - 1	5452065.22 648116.01		978	397
107 - 2	5451662.88 648237.42	163 12 30 420.26 S 15 44 34 E 420.29	977	398
107 - 3	5450350.77 648336.21	175 41 39 1315.82 S 3 15 22 E 1315.92	976	399
107 - 4	5449948.50 648457.77	163 11 10 420.24 S 15 45 49 E 420.27	975	400
107 - 5	5448514.16 648565.78	175 41 37 1438.40 S 3 15 19 E 1438.51	974	401
107 - 6	5448098.37 648505.85	188 12 7 420.09 S 9 15 11 W 420.12	973	402
107 - 7	5446661.19 648614.27	175 41 9 1441.26 S 3 15 47 E 1441.37	972	403
107 - 8	5446259.24 648735.72	163 11 16 419.90 S 15 45 38 E 419.93	971	404
107 - 9	5444823.27 648843.75	175 41 52 1440.03 S 3 14 60 E 1440.13	970	405
107 - 10	5444407.78 648783.90	188 11 49 419.78 S 9 14 58 W 419.81	969	406
107 - 11	5443152.17 648878.51	175 41 27 1259.17 S 3 15 24 E 1259.26	968	407
107 - 12	5442749.95 648999.80	163 13 9 420.11 S 15 43 40 E 420.14	967	408
107 - 13	5441793.05 649071.70	175 42 11 959.60 S 3 14 36 E 959.67	966	409
108 - 1	5441733.74 649082.24	169 55 22 60.24 S 9 1 24 E 60.24	965	410
108 - 2	5441677.52 649102.46	160 13 4 59.74 S 18 43 41 E 59.75	964	411
108 - 3	5440921.48 649471.98	153 57 10 841.51 S 24 59 31 E 841.58	963	412

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

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

81-1
RECORDED - FILED
Jamie
 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
 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

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

ALIGNMENT SHEET 19

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
108 - 3	5440921.48 649471.98	S 12 28 40 E	420.32	963	412
108 - 4	5440512.83 649570.35	S 24 56 14 E	1199.23	962	413
108 - 5	5439434.93 650095.99	S 12 25 43 E	420.07	961	414
108 - 6	5439026.45 650193.98	S 24 56 32 E	1259.18	960	415
108 - 7	5437894.76 650746.08	S 37 25 52 E	420.13	959	416
108 - 8	5437565.95 651007.60	S 24 53 23 E	59.93	958	417
109	5437512.07 651033.83	S 14 25 2 E	720.68	957	418
109 - 1	5436817.55 651226.24	S 1 52 48 E	419.14	956	419
109 - 2	5436398.96 651247.80	S 14 25 14 E	1082.76	955	420
109 - 3	5435355.53 651536.97	S 26 54 34 E	419.68	954	421
109 - 4	5434984.91 651733.87	S 14 24 4 E	1080.72	953	422
109 - 5	5433943.36 652022.20	S 26 54 6 E	419.04	952	423
109 - 6	5433573.29 652218.77	S 14 22 44 E	599.92	951	424
109 - 7	5432995.06 652378.63	S 20 16 57 E	60.27	950	425
110 - 1	5432938.93 652400.58	S 31 43 13 E	59.98	946	426
110 - 2	5432888.51 652433.07			945	427

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

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

81-1

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

ALIGNMENT SHEET 19

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
110 - 2	5432888.51	652433.07			945	427
110 - 3	5432528.27	652723.46	141 7 39	462.71	S 37 47 43 E	428
110 - 4	5432151.69	652909.07	153 45 44	419.84	S 25 9 32 E	429
110 - 5	5431840.70	653158.90	141 13 25	398.91	S 37 41 46 E	430
110 - 6	5431727.85	653299.47	128 45 29	180.26	S 50 9 37 E	431
110 - 7	5431447.17	653524.73	141 15 4	359.89	S 37 39 57 E	432
110 - 8	5431285.79	653604.47	153 42 19	180.00	S 25 12 38 E	433
110 - 9	5430584.30	654168.31	141 12 31	900.00	S 37 42 18 E	434
110 - 10	5430534.97	654202.15	145 32 56	59.82	S 33 21 46 E	435
111 - 1	5430480.98	654228.40	154 4 19	60.04	S 24 50 23 E	436
111 - 2	5430423.70	654246.67	162 18 31	60.12	S 16 36 10 E	437
111 - 3	5429664.72	654426.63	166 39 40	780.02	S 12 14 59 E	438
111 - 4	5429502.81	654504.98	154 10 38	179.87	S 24 43 58 E	439
111 - 5	5429444.46	654519.27	166 14 23	60.08	S 12 40 11 E	440
111 - 6	5429263.54	654521.84	179 11 10	180.94	S 0 16 35 W	441
112	5424747.96	655592.71	166 39 32	4640.82	S 12 14 50 E	442

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

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

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

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

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

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

ALIGNMENT SHEET 20

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
112	5424747.96 655592.71		213	442
113	5423423.79 656037.31	161 26 24 1396.81 S 17 27 40 E 1396.92	212	443
113A	5420650.74 656696.18	166 38 4 2850.25 S 12 15 47 E 2850.46	211	444
114	5416181.98 657121.31	174 33 56 4488.94 S 4 19 44 E 4489.26	210	445
115	5415548.87 656977.84	192 46 6 649.16 S 13 52 28 W 649.21	209	446
116	5415188.21 656792.34	207 13 6 405.57 S 28 19 24 W 405.60	208	447
117	5414845.23 656481.68	222 10 9 462.76 S 43 16 21 W 462.79	207	448
118	5414025.05 655545.62	228 46 30 1244.55 S 49 52 25 W 1244.64	206	449
119	5412341.85 654640.59	208 15 58 1911.08 S 29 21 30 W 1911.22	205	450
120	5409997.13 654051.00	194 6 53 2417.71 S 15 12 4 W 2417.89	204	451
121	5403362.25 651718.49	199 22 9 7032.94 S 20 26 41 W 7033.45	203	452
122	5402433.27 650194.00	238 38 35 1785.24 S 59 42 16 W 1785.37	202	453

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

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

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

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

ALIGNMENT SHEET 21

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
122	5402433.27 650194.00		202	453
122 - 1	5398107.28 646094.13	223 27 46 5960.13 S 44 30 14 W 5960.58	999	454
122 - 2	5397952.09 646002.21	210 38 20 180.37 S 31 39 54 W 180.38	930	455
122 - 3	5397779.86 645838.93	223 28 19 237.33 S 44 29 50 W 237.34	929	456
122 - 4	5397678.98 645689.64	235 57 4 180.18 S 56 58 31 W 180.19	928	457
122 - 5	5397288.91 645320.09	223 27 9 537.33 S 44 28 29 W 537.37	927	458
122 - 6	5396928.73 645103.96	210 57 59 420.05 S 31 59 11 W 420.08	926	459
122 - 7	5396624.62 644815.67	223 28 13 419.04 S 44 29 19 W 419.07	925	460
122 - 8	5396389.59 644467.90	235 56 55 419.74 S 56 57 53 W 419.77	924	461
122 - 9	5395866.75 643972.51	223 27 21 720.26 S 44 28 8 W 720.31	923	462
122 -10	5395506.63 643756.40	210 58 5 419.99 S 31 58 43 W 420.02	922	463
122 -11	5394592.41 642890.40	223 26 54 1259.27 S 44 27 18 W 1259.37	921	464
122 -12	5394357.05 642542.25	235 56 25 420.24 S 56 56 33 W 420.27	920	465
122 -13	5393356.21 641593.98	223 27 18 1378.73 S 44 27 9 W 1378.84	919	466
122 -14	5393121.16 641246.06	235 57 27 419.88 S 56 57 2 W 419.91	918	467
122 -15	5392163.94 640339.00	223 27 32 1318.72 S 44 26 50 W 1318.82	917	468

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

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

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

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

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

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

ALIGNMENT SHEET 21

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
122 -15	5392163.94 640339.00		917	468
123 - 1	5392113.72 640306.76	212 42 1 59.68 S 33 41 7 W 59.68	916	469
123 - 2	5391720.15 640160.97	200 19 34 419.71 S 21 18 38 W 419.74	915	470
123 - 3	5390564.71 639415.75	212 49 14 1374.92 S 33 48 7 W 1375.02	914	471
123 - 4	5390269.74 639117.33	225 19 60 419.60 S 46 18 39 W 419.63	913	472
123 - 5	5389064.99 638340.33	212 49 12 1433.58 S 33 47 36 W 1433.69	912	473
123 - 6	5388671.21 638194.52	200 19 7 419.91 S 21 17 20 W 419.94	911	474
123 - 7	5387463.93 637415.71	212 49 33 1436.68 S 33 47 34 W 1436.80	910	475
123 - 8	5387169.03 637117.30	225 20 19 419.54 S 46 18 6 W 419.58	909	476
123 - 9	5386262.55 636532.55	212 49 31 1078.72 S 33 47 6 W 1078.81	908	477
123 -10	5385868.56 636386.58	200 19 46 420.16 S 21 17 11 W 420.19	907	478
123 -11	5384962.84 635802.43	212 49 13 1077.76 S 33 46 29 W 1077.84	906	479
123 -12	5384914.62 635765.63	217 20 53 60.66 S 38 18 1 W 60.66	905	480
124 - 1	5384873.90 635721.64	227 12 42 59.94 S 48 9 49 W 59.95	904	481
124 - 2	5384839.89 635672.21	235 28 8 60.00 S 56 25 14 W 60.01	903	482
124 - 3	5384402.67 634897.25	240 34 9 889.79 S 61 31 4 W 889.86	902	483

81-1
 RECORDED - FILED
Vulby
 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
Fainbonds
 REC. DIST. _____
 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
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
Rampart
 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
A. Sullivan
 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 21

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
124 - 3	5384402.67 634897.25	228 2 19 419.92 S 48 59 1 W 419.95	902	483
124 - 4	5384121.90 634585.00	240 33 21 467.54 S 61 29 53 W 467.58	901	484
124 - 5	5383892.07 634177.85	253 2 52 419.04 S 73 59 14 W 419.07	900	485
124 - 6	5383769.89 633777.02	240 33 10 838.53 S 61 29 18 W 838.60	899	486
124 - 7	5383357.65 633046.82	228 3 54 419.85 S 48 59 48 W 419.89	898	487
124 - 8	5383077.07 632734.49	240 40 15 60.16 S 61 36 5 W 60.17	897	488
124 - 9	5383047.60 632682.04	248 51 13 832.15 S 69 46 52 W 832.21	896	489
125 - 1	5382747.40 631905.93	261 43 52 420.05 S 82 39 16 W 420.08	895	490
125 - 2	5382686.99 631490.25	248 57 58 712.16 S 69 53 8 W 712.22	894	491
125 - 3	5382431.38 630825.54	261 29 23 418.96 S 82 24 20 W 419.00	893	492
125 - 4	5382369.38 630411.19	248 58 34 598.65 S 69 53 19 W 598.70	892	493
125 - 5	5382154.61 629852.39	243 42 56 59.83 S 64 37 33 W 59.83	891	494
125 - 6	5382128.12 629798.75	232 57 27 59.77 S 53 52 2 W 59.78	890	495
126 - 1	5382092.11 629751.04	223 26 36 60.38 S 44 21 10 W 60.39	889	496
126 - 2	5382048.27 629709.52	217 48 28 530.30 S 38 42 57 W 530.34	888	497
126 - 3	5381629.30 629384.44		887	498

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
Jacobson 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
St. John 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 21

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
126 - 3	5381629.30 629384.44	205 16 17 419.91	887	498
126 - 4	5381249.58 629205.18	217 47 24 768.89	886	499
126 - 5	5380641.96 628734.03	205 17 51 420.04	885	500
126 - 6	5380262.20 628554.54		884	501

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

ALIGNMENT SHEET 22

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
126 - 6	5380262.20 628554.54			884	501
126 - 7	5379221.19 627747.52	217 47 2	1317.19	883	502
126 - 8	5378952.87 627424.81	230 15 28	419.69	882	503
126 - 9	5377818.97 626545.87	217 46 52	1434.66	881	504
126 -10	5377439.26 626366.68	205 15 47	419.87	880	505
126 -11	5376304.34 625487.26	217 46 16	1435.76	879	506
126 -12	5376036.77 625164.88	230 18 28	418.95	878	507
126 -13	5374949.96 624322.59	217 46 34	1375.00	877	508
127 - 1	5374906.11 624281.46	223 10 5	60.12	876	509
127 - 2	5374871.04 624232.91	234 9 27	59.89	875	510
127 - 3	5374231.87 623147.63	239 30 15	1259.51	874	511
127 - 4	5374102.58 622748.96	252 1 55	419.11	873	512
127 - 5	5373402.51 621559.88	239 30 45	1379.86	872	513
127 - 6	5373116.49 621253.07	227 0 31	419.45	871	514
127 - 7	5372387.68 620014.95	239 31 2	1436.70	870	515
127 - 8	5372101.41 619707.69	227 1 30	419.95	869	516

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

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

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

ALIGNMENT SHEET 22

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST				
127 - 8	5372101.41 619707.69			869	516
127 - 9	5371372.00 618468.83	239 30 42	1437.64	868	517
127 -10	5371242.38 618069.41	252 1 14	419.93	867	518
127 -11	5370665.24 617089.07	239 30 51	1137.61	866	519
127 -12	5370379.09 616781.94	227 1 32	419.77	865	520
127 -13	5370348.85 616730.34	239 37 33	59.81	864	521
128 - 1	5370031.70 616079.98	244 0 14	723.57	863	522
128 - 2	5369933.81 615671.61	256 31 12	419.94	862	523
128 - 3	5369406.51 614589.23	244 1 34	1203.99	861	524
128 - 4	5369145.07 614260.16	231 32 0	420.28	860	525
128 - 5	5368515.50 612968.37	244 1 2	1437.04	859	526
128 - 6	5368417.46 612559.53	256 30 53	420.43	858	527
128 - 7	5367788.03 611267.57	244 1 30	1437.13	857	528
128 - 8	5367526.60 610938.57	231 31 43	420.22	856	529
128 - 9	5366949.65 609754.60	244 1 12	1317.06	855	530
128 -10	5366851.68 609346.06	256 30 54	420.12	854	531

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

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

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

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

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

ALIGNMENT SHEET 22

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST	DIST		
128 -10	5366851.68 609346.06	244 1 45 1377.61	854	531
128 -11	5366248.41 608107.57	S 64 47 23 W 1377.72	853	532
128 -12	5365987.05 607778.71	231 31 27 420.07	852	533
128 -13	5365357.89 606487.15	244 1 40 1436.65	851	534
128 -14	5365259.82 606078.16	S 64 46 38 W 1436.78	850	535
128 -15	5364788.09 605110.14	256 30 57 420.58	849	536
128 -16	5364526.63 604781.31	244 1 10 1076.84	848	537
128 -17	5364500.53 604727.51	231 30 39 420.11	847	538
		244 7 9 59.80		
		S 64 51 6 W 59.80		

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

ALIGNMENT SHEET # 23

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
128 -17	5364500.53	604727.51				538
129 - 1	5364212.94	604017.07	247 57 42	766.44	S 68 41 29 W	539
129 - 2	5364143.17	603602.26	260 27 9	420.64	S 81 10 42 W	540
129 - 3	5363675.96	602448.44	247 57 21	1244.82	S 68 40 34 W	541
129 - 4	5363437.80	602102.38	235 27 51	420.09	S 56 10 45 W	542
129 - 5	5362890.25	600749.21	247 58 11	1459.75	S 68 40 44 W	543
129 - 6	5362820.53	600335.42	260 26 8	419.62	S 81 8 19 W	544
129 - 7	5362385.19	599259.75	247 57 58	1160.43	S 68 39 50 W	545
129 - 8	5362147.10	598913.72	235 28 11	420.03	S 56 9 45 W	546
129 - 9	5362124.71	598858.24	248 1 19	59.83	S 68 42 48 W	547
130 - 1	5361906.86	598105.91	253 51 3	783.24	S 74 32 22 W	548
130 - 2	5361880.06	597687.03	266 20 21	419.74	S 87 1 24 W	549
130 - 3	5361545.63	596532.44	253 50 46	1202.05	S 74 31 30 W	550
130 - 4	5361344.44	596164.14	241 21 13	419.67	S 62 1 37 W	551
130 - 5	5360944.84	594784.78	253 50 38	1436.08	S 74 30 40 W	552
130 - 6	5360918.04	594365.29	266 20 40	420.35	S 87 0 20 W	553

81-1
RECORDED - FILED
Valet
 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
Junkin
 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
H. Simon
 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

ALIGNMENT SHEET 23

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH				
130 - 6	5360918.04 594365.29			832	553
130 - 7	5360518.35 592985.75	253 50 32	1436.27	831	554
130 - 8	5360491.66 592566.38	266 21 30	420.22	830	555
130 - 9	5360092.16 591188.10	253 50 8	1435.01	829	556
130 -10	5359890.58 590819.19	241 20 50	420.39	828	557
130 -11	5359492.49 589443.34	253 51 46	1432.28	827	558
130 -12	5359291.29 589075.73	241 18 26	419.07	826	559
130 -13	5358892.23 587697.56	253 51 4	1434.78	825	560
130 -14	5358865.84 587280.11	266 22 59	418.28	824	561
130 -15	5358517.94 586080.75	253 49 26	1248.80	823	562
130 -16	5358491.54 585663.30	266 22 54	418.28	822	563
130 -17	5358242.02 584802.74	253 49 50	896.00	821	564
130 -18	5358219.02 584746.81	247 38 46	60.47	820	565
131 - 1	5358185.45 584697.73	235 37 41	59.46	819	566
131 - 2	5357717.84 584149.68	229 31 42	720.43	818	567
131 - 3	5357383.14 583897.35	217 0 44	419.16	817	568

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

Janhanka 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

St. Balaban 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

ALIGNMENT SHEET 23

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
131 - 3	5357383.14 583897.35		817	568
131 - 4	5356722.49 583122.97	229 31 53 1017.90 S 50 6 53 W 1017.99	816	569
131 - 5	5356387.29 582870.19	217 1 14 419.83 S 37 36 1 W 419.87	815	570
131 - 6	5355572.59 581915.48	229 31 28 1255.07 S 50 5 59 W 1255.19	814	571
131 - 7	5355375.57 581544.48	242 1 44 420.07 S 62 35 59 W 420.11	813	572
131 - 8	5354756.51 580817.16	229 35 50 955.11 S 50 9 51 W 955.19	812	573
131 - 9	5354559.45 580447.95	241 54 35 418.51 S 62 28 23 W 418.55	811	574
131 -12	5354132.89 579947.87	229 32 10 657.29 S 50 5 47 W 657.36	808	575
131 -13	5353797.70 579694.84	217 2 56 419.97 S 37 36 22 W 420.01	807	576
131 -14	5353487.73 579331.54	229 31 43 477.57 S 50 5 2 W 477.61	806	577
131 -15	5353292.34 578962.37	242 6 34 417.69 S 62 39 44 W 417.73	805	578

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 10:20 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

81-1
 RECORDED - FILED
Bairon
 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. Wilson
 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

ALIGNMENT SHEET 24

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
131 -15	5353292.34	578962.37	S 50 13 57 W	890.24	805	578
131 -16	5352716.40	578283.64	S 44 6 59 W	62.04	804	579
132 - 1	5352671.45	578240.88	S 33 38 45 W	420.36	803	580
132 - 2	5352319.34	578011.34	S 46 8 12 W	1309.16	802	581
132 - 3	5351403.38	577076.14	S 33 37 38 W	420.04	801	582
132 - 4	5351051.50	576846.84	S 46 7 54 W	1426.67	800	583
132 - 5	5350053.39	575827.64	S 58 37 37 W	419.94	799	584
132 - 6	5349831.49	575471.16	S 46 7 19 W	1437.53	798	585
132 - 7	5348825.77	574444.20	S 33 36 44 W	420.03	797	586
132 - 8	5348473.91	574214.88	S 46 7 14 W	1437.76	796	587
132 - 9	5347468.17	573187.63	S 58 35 48 W	419.94	795	588
132 -10	5347246.20	572831.20	S 46 6 14 W	1438.07	794	589
132 -11	5346240.12	571803.84	S 33 35 42 W	420.13	793	590
132 -12	5345888.18	571574.46	S 46 5 30 W	1437.32	792	591
132 -13	5344882.57	570547.70	S 58 41 46 W	416.56	791	592
132 -14	5344663.11	570193.68			790	593

81-1

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

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

Jambanks REC. DIST.

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 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

St. John 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

Ram part 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 24

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
132 -14	5344663.11	570193.68			790	593
132 -15	5343664.53	569173.85	225 36 11	1427.31	S 46 5 21 W	789
132 -16	5343312.89	568944.77	213 4 58	419.68	S 33 33 51 W	788
132 -17	5342389.88	568002.33	225 35 49	1319.14	S 46 4 27 W	787
132 -18	5342167.86	567645.60	238 6 11	420.18	S 58 34 33 W	786
133	5342125.97	567602.79	225 37 19	59.90	S 46 5 36 W	785
133 - 1	5341367.27	567010.09	217 59 50	962.77	S 38 27 59 W	784
133 - 2	5341104.09	566689.45	230 37 16	414.82	S 51 5 13 W	783
133 - 3	5340394.23	566135.05	217 59 23	900.70	S 38 27 9 W	782
133 - 4	5340014.98	565954.25	205 29 19	420.14	S 25 56 56 W	781
133 - 5	5339257.90	565362.93	217 59 31	960.64	S 38 26 58 W	780
133 - 6	5339206.56	565331.88	211 9 54	60.00	S 31 37 14 W	779
134 - 1	5339150.28	565311.74	199 41 23	59.78	S 20 8 41 W	778
134 - 2	5339090.66	565304.21	187 11 53	60.09	S 7 39 11 W	777
134 - 3	5339030.98	565309.47	174 57 48	59.91	S 4 34 54 E	776
134 - 4	5338210.36	565476.54	168 29 33	837.45	S 11 3 7 E	775

81-1
 RECORDED - FILED
Valdny
 DATE 01-12 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
Lambert
 DATE 1-7 1981
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

ALIGNMENT SHEET 24

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN BEARING	DIST	CODE NO.	FILE NO.
	Y ZONE 4	X				
134 - 4	5338210.36	565476.54			775	608
134 - 5	5337790.74	565469.07	181 1 11	419.69	S 1 28 34 W	419.73
134 - 6	5336853.73	565659.80	168 29 40	956.23	S 11 2 55 E	956.32
134 - 7	5336469.83	565830.71	156 0 6	420.22	S 23 32 26 E	420.26
134 - 8	5335122.36	566104.92	168 29 51	1375.09	S 11 2 35 E	1375.22
134 - 9	5334701.99	566097.71	180 58 57	420.43	S 1 26 35 W	420.47
134 - 10	5333294.06	566384.16	168 29 60	1436.77	S 11 2 20 E	1436.91
134 - 11	5332910.42	566555.03	155 59 32	419.97	S 23 32 42 E	420.01

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~~
Chitma
 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~~
Barron
 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. Silva
 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 25

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
134 -11	5332910.42	566555.03	168 30 9	1437.60	S 11 1 59 E	1437.73 768 615
134 -12	5331501.67	566841.58	155 59 55	420.23	S 23 32 8 E	420.26 767 616
134 -13	5331117.78	567012.51	168 29 55	1436.67	S 11 2 2 E	1436.81 766 617
134 -14	5329709.96	567298.97	181 0 5	419.99	S 1 28 11 W	420.03 765 618
134 -15	5329290.03	567291.63	168 29 14	1435.43	S 11 2 36 E	1435.57 764 619
134 -16	5327883.48	567578.12	180 59 27	420.40	S 1 27 40 W	420.44 763 620
134 -17	5327463.14	567570.85	168 28 51	59.84	S 11 2 56 E	59.85 762 621
134 -18	5327404.50	567582.80	163 41 46	1428.68	S 15 49 57 E	1428.82 761 622
135 - 1	5326033.27	567983.88	151 11 11	419.91	S 28 20 24 E	419.95 760 623
135 - 2	5325665.35	568186.26	163 41 20	1488.50	S 15 50 8 E	1488.64 759 624
135 - 3	5324236.76	568604.31	176 11 41	420.09	S 3 19 41 E	420.13 758 625
135 - 4	5323817.59	568632.19	163 41 32	1436.80	S 15 49 45 E	1436.93 757 626
135 - 5	5322438.60	569035.64	151 10 49	419.91	S 28 20 21 E	419.95 756 627
135 - 6	5322070.70	569238.06	163 41 42	1437.44	S 15 49 20 E	1437.58 755 628
135 - 7	5320691.07	569641.62	176 11 30	419.92	S 3 19 27 E	419.96 754 629
135 - 8	5320272.08	569669.51				753 630

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 10:20 A M
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Zarlenko
 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
 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. Bulman
 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

ALIGNMENT SHEET 25

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM	TRUE MEAN BEARING	CODE NO.	FILE NO.
	Y ZONE 4 X AZIMUTH DIST			
135 - 8	5320272.08 569669.51	S 15 49 24 E 1436.69	753	630
135 - 9	5318893.33 570072.92	S 28 19 52 E 419.44	752	631
135 -10	5318525.87 570275.09	S 15 48 57 E 1436.46	751	632
135 -11	5317147.31 570678.35	S 3 18 46 E 419.98	750	633
135 -12	5316728.29 570706.21	S 15 48 36 E 1438.02	749	634
135 -13	5315348.22 571109.84	S 28 18 48 E 420.21	748	635
135 -14	5314980.05 571312.31	S 15 48 28 E 1436.16	747	636
135 -15	5313601.77 571715.46	S 28 19 16 E 419.49	746	637
135 -16	5313234.27 571917.66	S 15 51 22 E 59.81	745	638
135 -17	5313176.89 571934.50	S 4 27 52 E 1254.50	744	639
136 - 1	5311927.21 572043.05	S 8 2 44 W 419.95	743	640
136 - 2	5311510.94 571987.91	S 4 28 5 E 1374.20	742	641
136 - 3	5310142.03 572106.91	S 16 55 47 E 420.00	741	642
136 - 4	5309741.35 572232.71	S 4 27 43 E 1436.40	740	643
136 - 5	5308310.47 572356.98	S 8 3 8 W 419.46	739	644
136 - 6	5307894.69 572301.87		738	645

81-1
 RECORDED - FILED
V. Alch
 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
 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
Farrington
 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
Brown
 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. Johnson
 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

ALIGNMENT SHEET 25

25 NOV 78

POINT ID	ALASKA STATE PLANE COORDINATE SYSTEM		TRUE MEAN		CODE NO.	FILE NO.
	Y ZONE 4	X	AZIMUTH	DIST		
136 - 6	5307894.69	572301.87			738	645
136 - 7	5306463.46	572426.14	175 2 15	1436.62	S 4 27 37 E	1436.75
136 - 8	5306046.98	572371.15	187 31 17	420.10	S 8 1 25 W	420.13
136 - 9	5304615.96	572495.48	175 2 4	1436.41	S 4 27 47 E	1436.55
136 - 10	5304215.17	572621.55	162 32 20	420.15	S 16 57 29 E	420.19

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

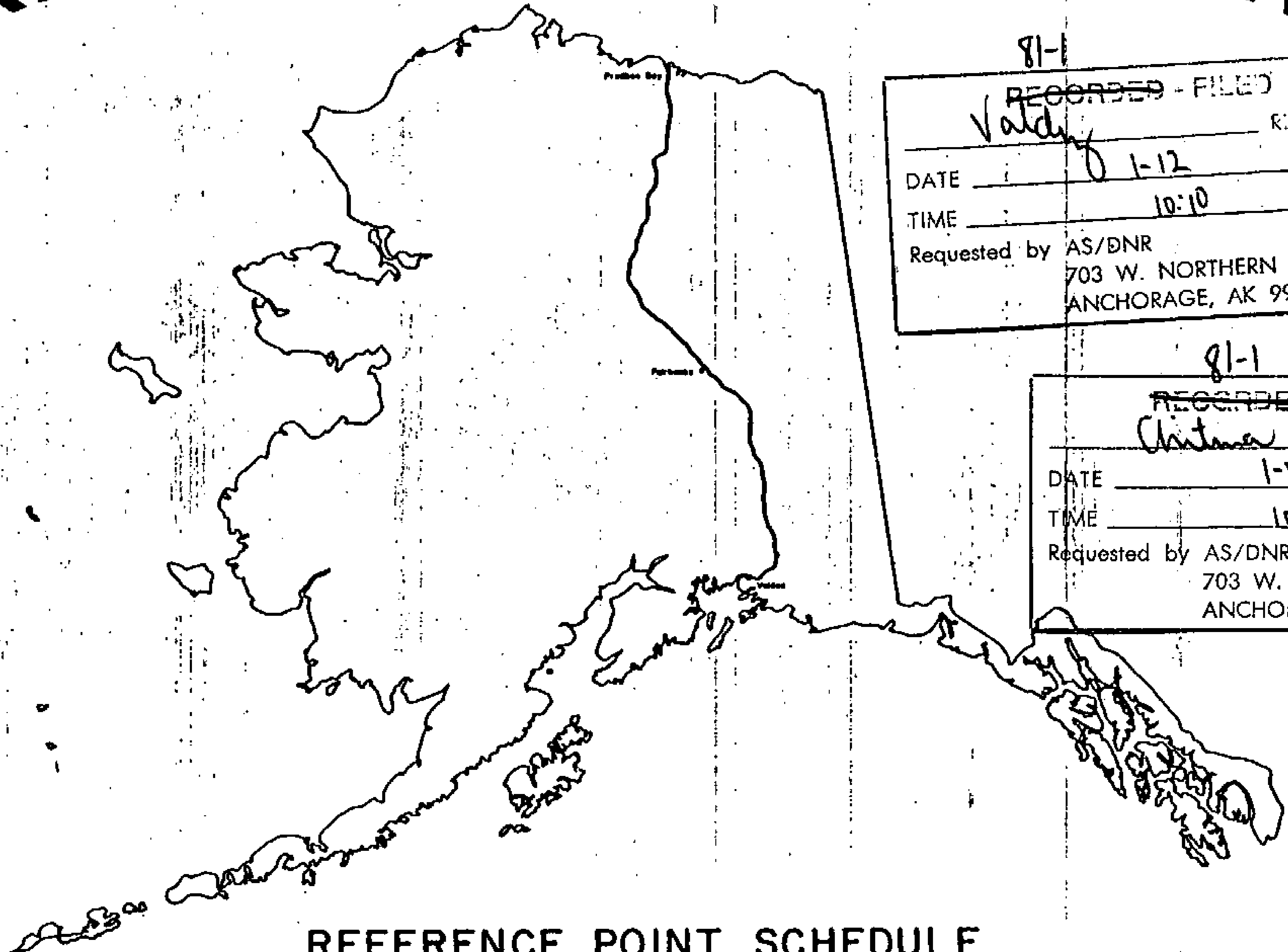
81-1
RECORDED - FILED
Jacobson
 DATE 1-7 1981
 TIME 1:39 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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
St. Nelson
 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

TRANS-ALASKA PIPELINE MONUMENTATION SURVEY



REFERENCE POINT SCHEDULE

prepared by
CLEAN 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
SHELL PIPELINE COMPANY
UNION ALASKA PIPELINE COMPANY

81-1
RECORDED - FILED
Vatchy
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

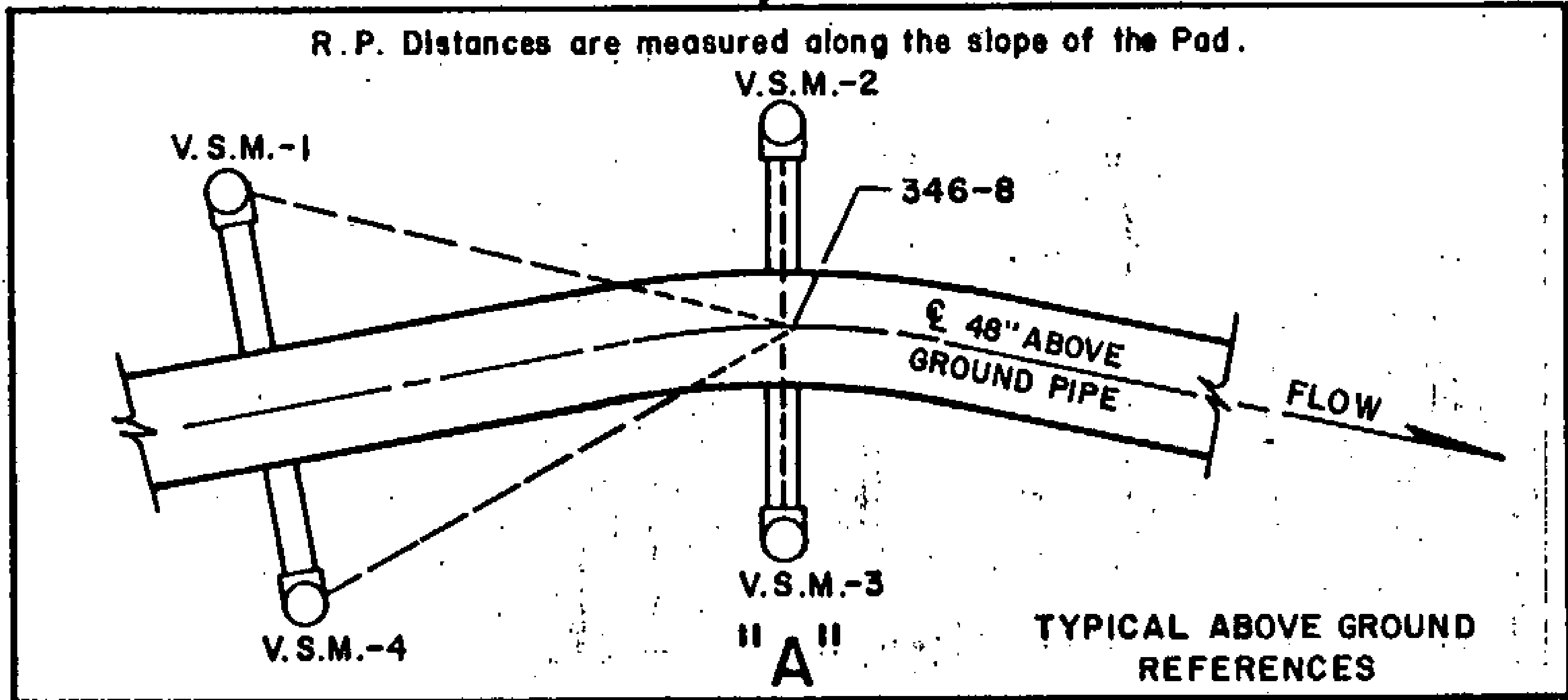
81-1
RECORDED - FILED
Rampant
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

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

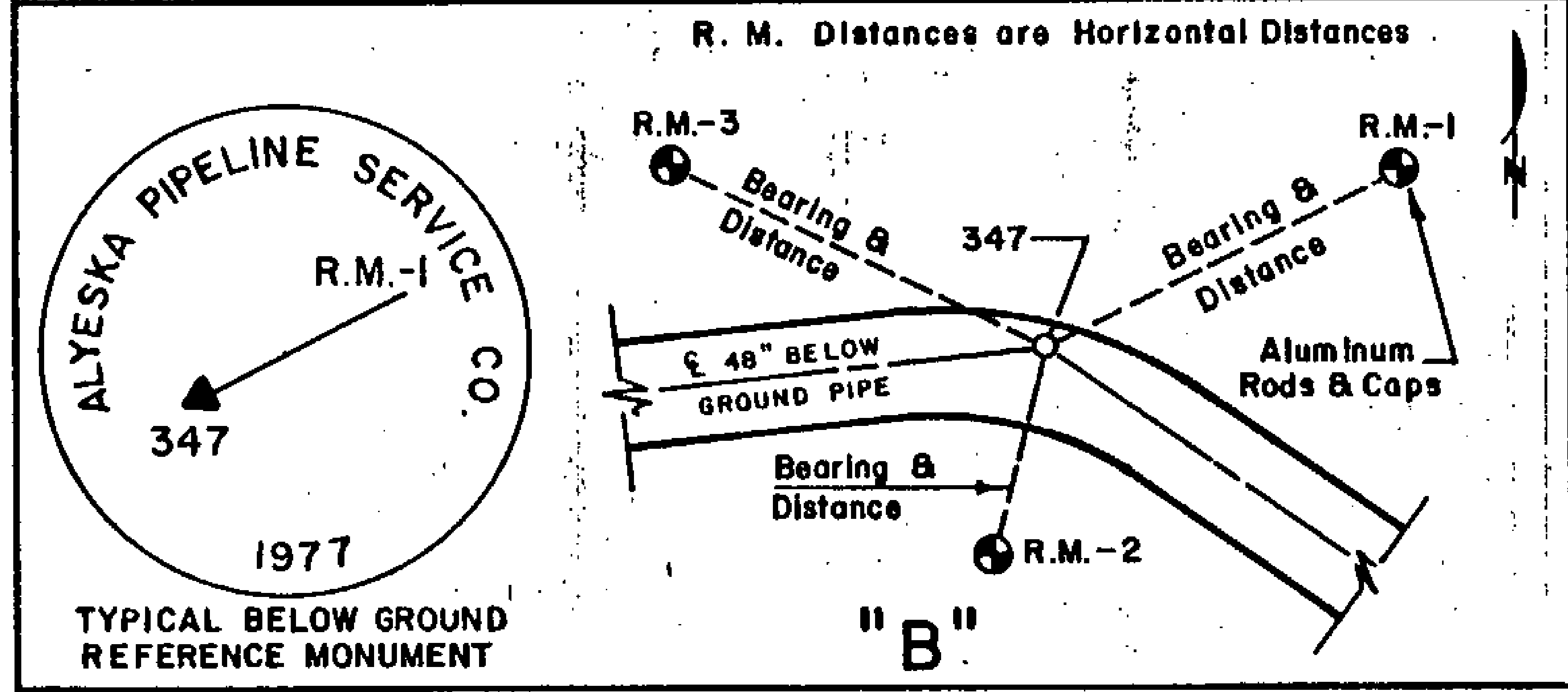
81-1
RECORDED - FILED
It's about
DATE 1-7 1981
TIME 2:13 PM
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

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

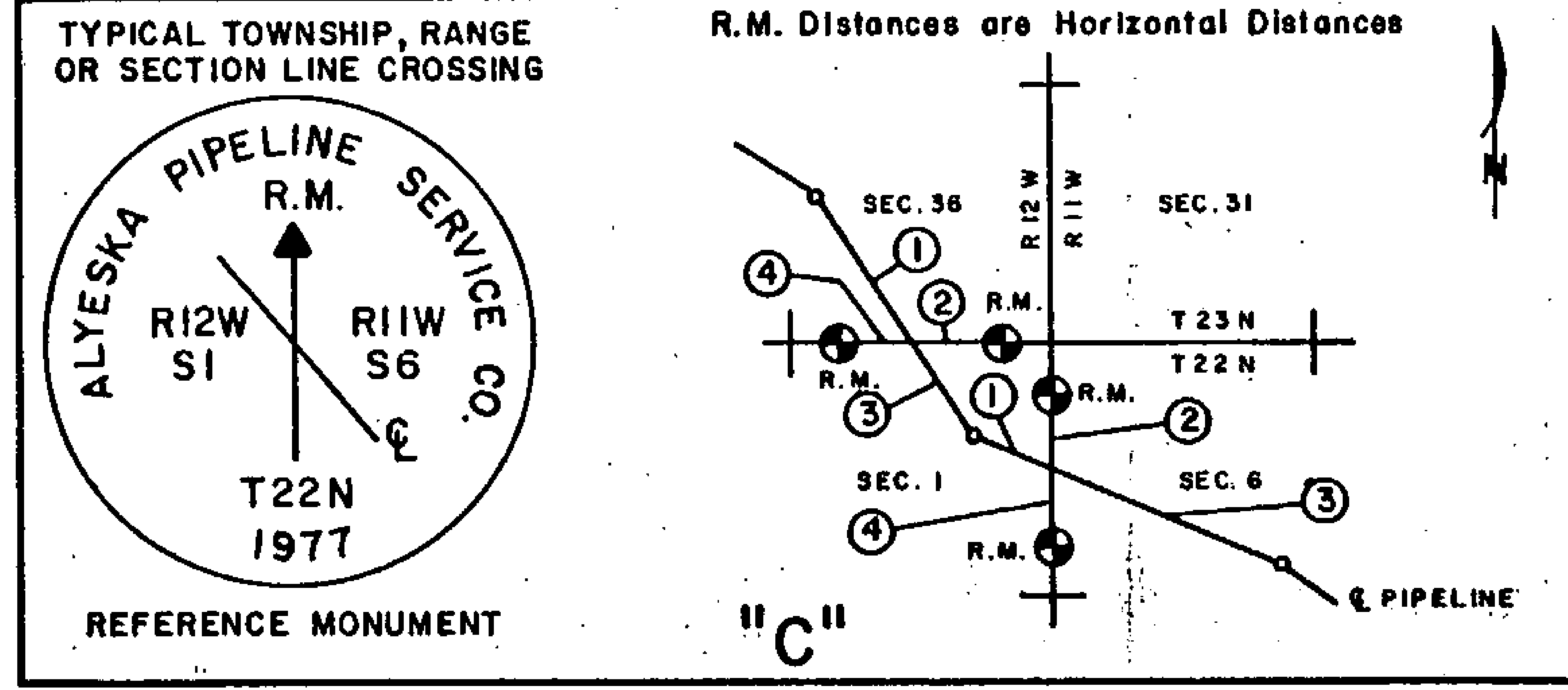
TYPICAL DETAILS



TYPICAL REFERENCE SYSTEM FOR ABOVE GROUND ANGLE POINTS. VERTICAL SUPPORT MEMBERS (V.S.M.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.



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.



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

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

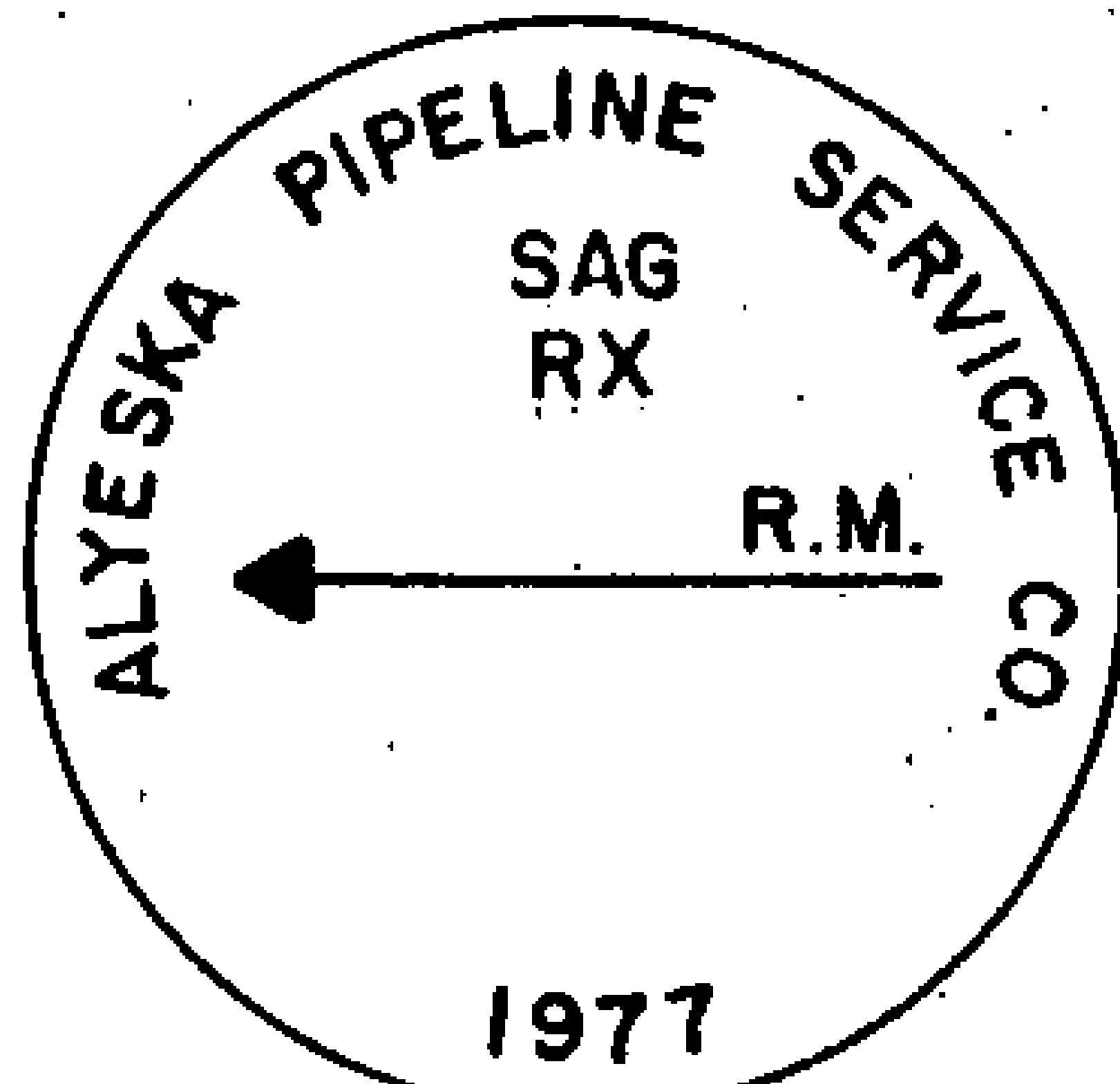
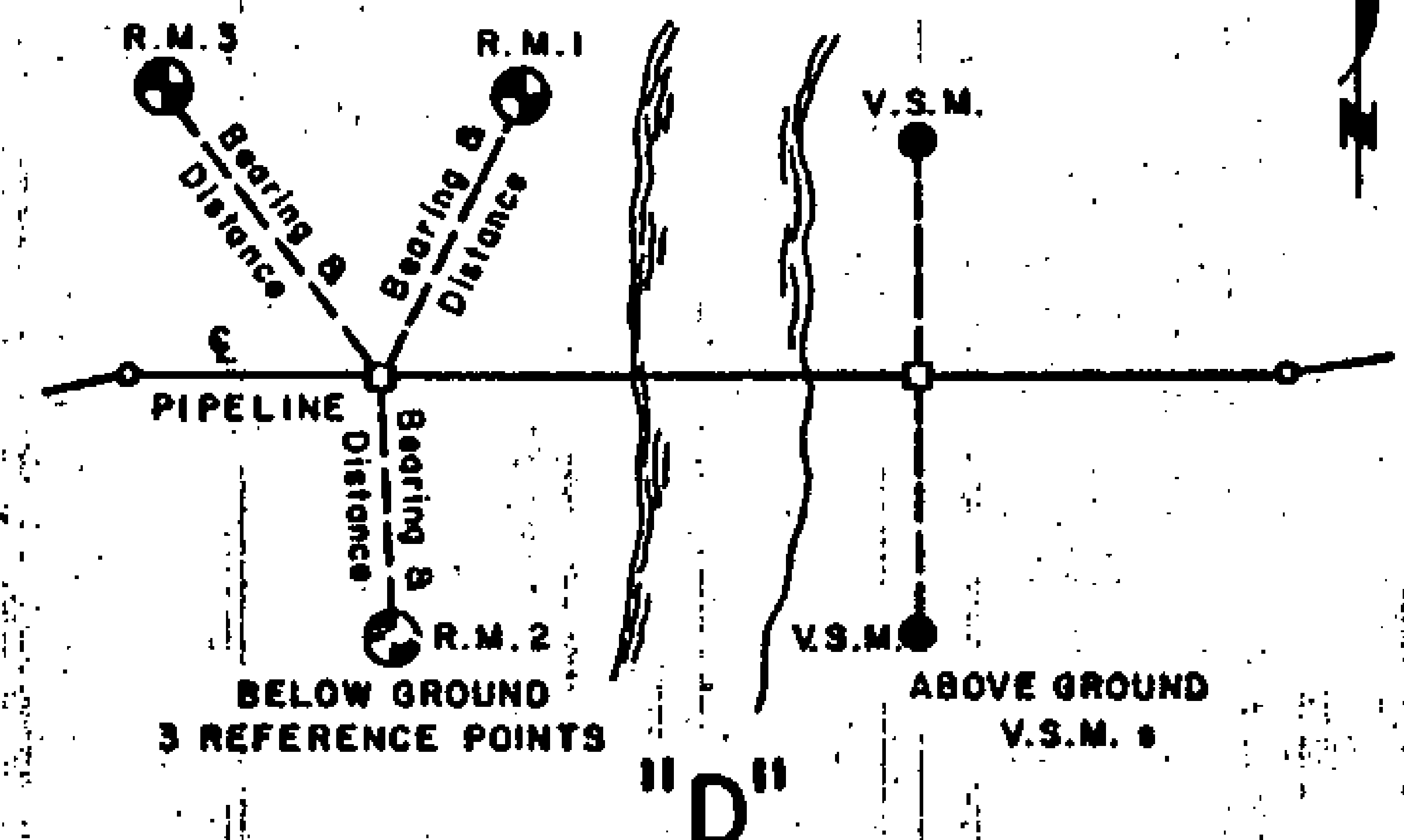
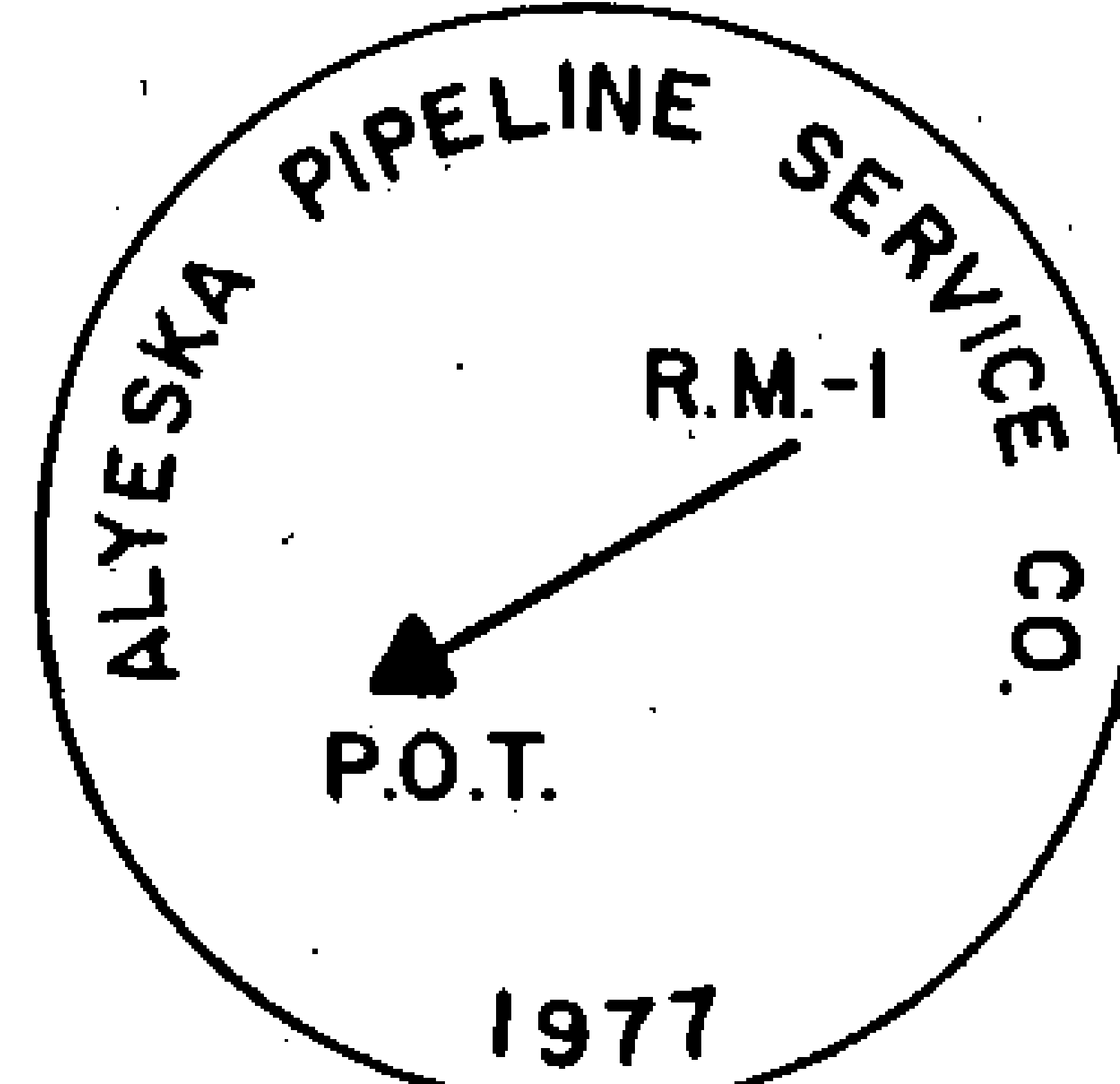
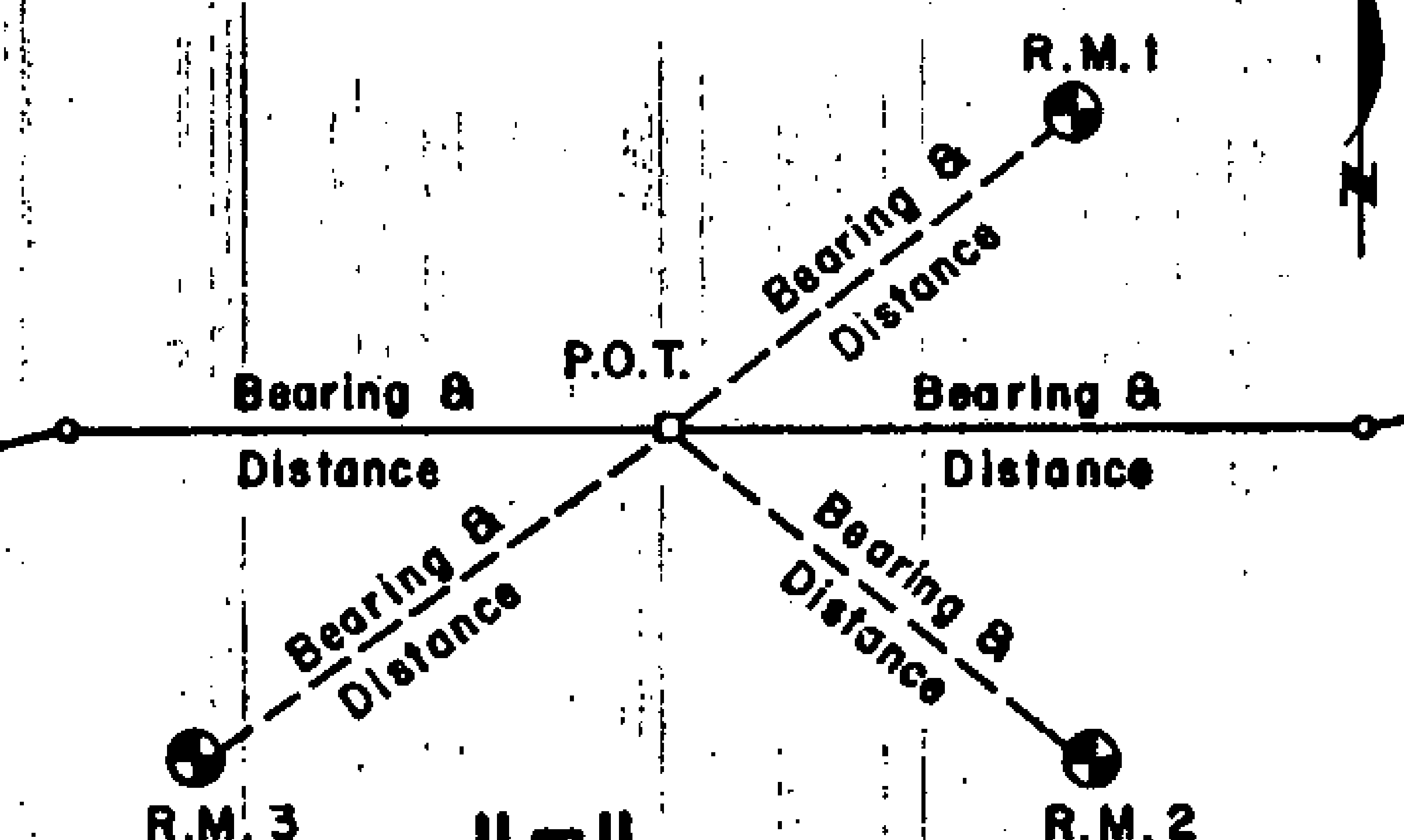
81-1 RECORDED - FILED
Zander
 DATE 1-7 1981
 TIME 1:39
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

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

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

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

TYPICAL DETAILS

 <p style="text-align: center;">TYPICAL RIVER CROSSING REFERENCE MONUMENT</p>	<p>R.M. Distances are Horizontal Distances</p>  <p style="text-align: center;">"D"</p>	<p>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 VSM'S CLOSEST TO THE HIGH WATER MARK.</p>
 <p style="text-align: center;">TYPICAL P.O.T. REFERENCE MONUMENT</p>	<p>R.M. Distances are Horizontal Distances</p>  <p style="text-align: center;">"E"</p>	<p>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.</p>

RECORDED - FILED

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

REC. DIST. _____

DATE 1-12 1981

TIME 10:10 AM

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

RECORDED - FILED

REC. DIST. _____

DATE 1-12 1981

TIME 10:20 AM

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

RECORDED - FILED

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

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

RECORDED - FILED

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 1:39 PM

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

RECORDED - FILED

REC. DIST. _____

DATE 1-7 1981

TIME 2:13 PM

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

58

ALIGNMENT SHEET 16
 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
82		S 86 30 E		101.15		S 62 25 W		97.21		N 52 51 W		85.79	
83		S 81 25 E		98.98		S 55 56 W		58.25		N 40 8 W		58.55	
84		N 80 2 E		86.94		S 29 20 W		60.86		N 50 38 W		57.77	
85		N 4 21 E		243.58		S 83 40 E		203.13		S 32 49 W		42.52	
86		S 41 42 W		94.54		S 80 25 W		66.22		N 55 56 W		97.63	
86 - 1	47.51				8.99				4.34				47.72
86 - 2	66.10				10.24				6.94				64.71
86 - 3	53.62				10.16				6.64				52.52
86 - 4	49.84				7.16				3.34				49.80
86 - 5	70.01				5.96				7.60				69.74
86 - 6	59.80				6.19				5.67				59.52
86 - 7	60.14				6.26				5.65				59.38
86 - 8	59.68				8.36				8.14				60.13
86 - 9	59.92				6.09				7.53				59.78
86 - 10	60.40				8.95				6.38				59.94
86 - 11	59.88				5.85				4.78				59.45
86 - 12	59.34				6.37				8.59				60.05
86 - 13	57.85				7.82				9.88				61.48
87 - 1	63.42				6.04				9.10				66.53
87 - 2	58.05				5.93				7.86				58.44
87 - 3	60.22				7.41				6.05				60.07
87 - 4	59.79				7.71				5.92				59.32
87 - 5	59.71				5.87				7.50				59.62
87 - 6	56.45				6.16				4.37				59.20
87 - 7	57.23				6.18				5.58				56.14
88 - 1	57.72				6.16				5.63				55.20
88 - 2	56.75				5.85				4.55				56.88
88 - 3	54.79				6.10				5.92				54.45
88 - 4	59.39				5.78				7.77				59.86
88 - 5	59.82				5.76				7.44				60.19

81-1
 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

81-4
 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
Faulkner REC. DIST.
 DATE 1-7 19 81
 TIME 1:39 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Bennett 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
Bennett 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
Faulkner 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 16
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1 BRG	DIST	VSM-2	RM2 BRG	DIST	VSM-3	RM3 BRG	DIST	VSM-4
88 - 6	59.72			7.52			5.90			59.62
88 - 7	59.53			5.51			6.45			59.82
89 - 1	58.96			5.88			7.83			60.94
89 - 2	58.66			5.48			6.20			61.64
89 - 3	59.62			5.50			4.72			59.91
89 - 4	58.64			8.93			6.40			58.02
89 - 5	59.59			6.30			8.81			60.08
90 - 0	59.28			5.58			9.67			59.77
90 - 1	59.24			6.40			8.84			60.32
90 - 2	59.60			7.66			5.93			59.70
90 - 3	60.54			8.80			6.20			60.17
90 - 4	59.55			6.56			10.09			60.26
90 - 5	59.39			4.60			5.50			59.99
90 - 6	59.51			7.46			6.07			59.58
90 - 7	61.44			9.30			5.78			57.95
91 - 1	61.42			7.88			5.71			58.31
91 - 2	57.26			7.51			6.09			57.15
91 - 3	59.43			5.95			7.72			59.92

81-1
 RECORDED - FILED
Vatchef
 REC. DIST.
 DATE 1-12 19 80
 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
Jamboulo
 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
Bannin
 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
Rampant
 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
St. Hilson
 REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 16
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL D

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
D-1	85 -00	S 40 57 W	1868.62	RT BANK RM
	RT BANK RM	S 40 57 W	93.00	RT BANK
	RT BANK	S 40 57 W	1694.84	LT BANK
	LT BANK	S 40 57 W	35.00	LT BANK RM
	LT BANK RM	S 40 57 W	1157.10	86 -00
	RT BANK RM	S 72 06 E	144.89	RM-1
		S 33 11 E	126.77	RM-2
		N 33 08 W	147.63	RM-3
	LT BANK RM	S 15 40 E	162.81	RM-1
		S 22 18 W	180.69	RM-2
		N 15 40 W	115.36	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 12 49 E	1951.76	82 - 0
	POT	S 12 49 W	1386.49	83 - 0
		S 72 11 E	84.63	RM-1
		S 68 36 W	66.67	RM-2
		N 45 1 W	60.45	RM-3

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
Chitna
 DATE 1-12 1981
 TIME 10:50 AM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
Tanlanha
 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 17
 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
91 - 4	60.17		9.87		6.76		59.71
91 - 5	59.72		6.90		10.30		60.06
91 - 6	59.79		6.68		10.04		60.46
91 - 7	60.12		9.80		6.64		59.46
91 - 8	59.61		6.88		10.23		60.64
91 - 9	60.21		9.90		6.74		59.66
91 -10	59.74		6.59		4.88		59.72
91 -11	59.89		5.66		6.41		60.14
91 -12	60.00		5.70		4.46		59.91
92 - 1	61.02		6.38		5.30		59.36
92 - 2	61.34		6.16		5.53		59.00
92 - 3	59.42		5.80		4.79		59.81
92 - 4	56.17		5.80		7.85		56.59
92 - 5	59.27		6.35		5.56		59.01
92 - 6	47.74		6.01		4.31		47.61
92 - 7	48.66		5.62		4.75		46.96
93 - 1	48.69		5.78		4.63		45.98
93 - 2	47.69		6.17		4.56		46.98
93 - 3	47.58		6.09		4.28		47.28
93 - 4	59.42		4.25		5.94		59.38
93 - 5	59.45		5.54		10.83		60.63
94 - 1	58.22		5.57		6.51		62.76
94 - 2	59.65		5.53		6.61		59.71
94 - 3	60.14		4.71		5.81		59.97
94 - 4	53.46		5.55		6.48		53.92
94 - 5	59.72		6.24		4.69		59.62
94 - 6	59.92		5.62		4.55		59.82
94 - 7	59.40		6.12		8.78		60.00
95 - 0	58.09		6.14		9.07		61.98
95 - 1	60.32		8.79		6.20		59.80

81-1
 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

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
Zambanks
 REC. DIST.
 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
Barnow
 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
Rampart
 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
St. 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 17
 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
101 - 1	61.62				9.01				6.21				58.63
101 - 2	61.45				8.48				6.45				58.46
101 - 3	59.30				4.71				5.70				59.77
101 - 4	59.43				8.85				6.41				59.09
101 - 5	59.44				6.57				10.15				60.25
101 - 6	59.76				5.90				7.71				59.86
101 - 7	60.44				7.70				6.09				60.29
101 - 8	56.01				6.66				5.11				55.80
101 - 9	56.87				6.30				5.28				55.42
102 - 1	52.15				6.33				5.62				50.14
102 - 2	56.69				6.72				5.14				56.76
102 - 3	49.48				5.92				4.68				49.69
102 - 4	59.92				7.32				6.21				59.89
102 - 5	60.69				6.42				8.73				60.45
102 - 6	59.45				6.39				8.64				59.67

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

ALIGNMENT SHEET 17
 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.	
95 - 2		59.59		6.09		8.86	60.08
95 - 3		59.55		6.21		8.89	59.91
95 - 4		59.87		8.61		6.18	59.35
96 - 0		61.75		8.20		5.03	57.75
96 - 1		58.92		8.64		6.31	58.60
96 - 2		59.50		6.28		8.99	59.96
96 - 3		54.71		5.23		6.62	54.80
96 - 4		54.41		5.61		6.41	55.69
97 - 1		53.87		5.57		6.42	56.46
97 - 2		54.81		5.12		6.61	54.83
97 - 3		52.03		4.24		5.86	52.11
97 - 4		51.05		4.74		5.68	52.66
97 - 5		51.06		5.58		6.26	53.77
98 - 1		52.28		4.72		5.73	52.46
98 - 2		51.74		4.38		6.06	52.31
98 - 3		55.65		5.49		6.27	55.73
98 - 4		59.57		5.69		6.46	59.62
98 - 5		59.06		5.53		6.38	59.69
98 - 6		59.41		7.51		6.13	59.38
98 - 7		59.01		6.58		5.31	58.75
98 - 8		54.71		6.34		5.62	53.30
99 - 1		50.44		6.19		5.44	48.13
99 - 2		53.84		6.70		5.16	53.60
99 - 3		59.88		7.62		5.56	59.67
100 - 1		61.02		9.00		6.08	58.50
100 - 2		61.50		7.47		5.86	58.55
100 - 3		59.58		4.92		5.57	59.65
100 - 4		58.92		7.60		7.92	58.58
100 - 5		59.99		7.72		5.63	59.45
100 - 6		60.06		9.02		6.22	59.66

81-1
 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

81-1
 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
Fantomas REC. DIST.
 DATE 1-7 19 81
 TIME 1:29 P.M.
 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 P.M.
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

81-1
 RECORDED - FILED
H. Hudson 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
Rampant 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 18
 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
106 - 3	60.39			7.08			10.08			60.02
106 - 4	59.60			6.78			9.92			60.15
106 - 5	60.46			9.83			7.14			59.77
106 - 6	59.85			6.67			10.15			60.55
106 - 7	59.53			6.88			10.06			60.45
106 - 8	59.93			9.98			6.89			59.32
106 - 9	59.60			6.73			10.24			60.32
106 -10	60.25			10.09			6.74			59.92
106 -11	60.23			9.85			7.09			59.80
106 -12	59.82			6.65			10.36			60.20
106 -13	60.13			6.10			5.79			59.74
106 -14	59.64			6.31			8.88			59.90
106 -15	58.07			5.43			8.19			62.08
107 - 1	59.14			6.07			8.83			59.70

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
Clinton 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
Fainbank 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
Basson 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
St. Subhan 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

65

ALIGNMENT SHEET 18
 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
102 - 7	59.99				6.94				9.94				60.81
102 - 8	60.11				9.91				7.07				59.56
102 - 9	60.42				8.74				6.39				59.87
102 -10	59.59				6.12				8.85				59.94
102 -11	60.11				5.93				9.24				60.25
103 - 1	59.29				6.77				8.55				61.43
103 - 2	58.89				5.78				8.74				61.39
103 - 3	59.73				5.57				5.15				59.45
103 - 4	57.22				8.55				6.53				56.76
103 - 5	59.58				6.32				8.67				60.20
103 - 6	59.72				4.57				5.80				59.93
103 - 7	60.14				8.72				6.39				59.59
103 - 8	61.77				10.37				6.44				58.28
104 - 1	61.74				9.03				5.86				59.23
104 - 2	55.42				6.36				5.48				55.13
104 - 3	59.60				5.73				7.72				59.98
104 - 4	59.68				6.71				9.83				60.46
104 - 5	45.04				23.49				21.15				44.65
104 - 6	60.35				8.84				6.15				59.78
104 - 7	59.54				6.16				8.89				60.09
104 - 8	59.46				5.13				8.48				59.75
105 - 1	61.08				6.15				8.78				59.41
105 - 2	60.06				5.20				8.29				58.66
105 - 3	61.06				8.81				6.37				60.73
105 - 4	59.48				6.23				8.63				60.12
105 - 5	59.66				6.81				10.21				60.47
105 - 6	60.31				10.03				6.96				59.85
106 - 0	59.91				6.47				10.58				60.38
106 - 1	58.43				6.73				10.09				61.87
106 - 2	59.58				6.38				5.38				59.39

81-
 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

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
Jamieson 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
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
H. Gilbert 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 **666**

ALIGNMENT SHEET 19
 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
107 - 2	60.23		9.86		6.90		59.83
107 - 3	59.85		6.89		10.45		60.38
107 - 4	60.21		10.14		6.92		59.84
107 - 5	60.27		9.85		6.61		59.96
107 - 6	59.89		6.94		10.10		60.32
107 - 7	59.89		6.86		10.19		60.51
107 - 8	64.85		10.12		7.12		64.29
107 - 9	60.32		12.04		7.58		59.50
107 -10	52.64		9.55		10.34		53.55
107 -11	59.39		6.27		9.11		60.34
107 -12	60.15		8.83		6.39		59.95
107 -13	59.57		5.67		8.12		59.72
108 - 1	59.04		5.45		8.80		61.27
108 - 2	60.01		6.11		7.90		58.77
108 - 3	60.31		7.58		5.97		60.23
108 - 4	59.38		6.06		8.75		60.15
108 - 5	60.13		10.10		6.85		59.85
108 - 6	59.74		6.81		9.83		60.60
108 - 7	59.81		4.58		5.73		60.02
108 - 8	60.11		8.79		6.27		59.94
109 - 0	61.82		9.07		6.01		58.37
109 - 1	65.59		7.84		5.91		65.55
109 - 2	54.78		10.63		8.74		55.28
109 - 3	59.82		9.81		10.01		60.90
109 - 4	60.25		10.09		6.77		59.61
109 - 5	59.68		6.05		7.78		60.09
109 - 6	59.80		7.56		5.78		59.56
109 - 7	59.38		5.23		6.60		59.59
110 - 1	59.10		5.47		6.28		60.70
110 - 2	59.50		5.21		6.68		59.68

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

ALIGNMENT SHEET 19
 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
110 - 3	55.64			5.70			6.06			55.45
110 - 4	59.45			6.06			7.76			59.89
110 - 5	59.47			4.39			4.50			59.59
110 - 6	30.16			7.26			6.07			30.47
110 - 7	60.18			7.66			5.89			59.70
110 - 8	59.76			4.86			5.70			59.63
110 - 9	60.06			9.22			5.87			59.68
110 - 10	60.90			10.15			6.63			59.00
111 - 1	62.64			10.34			6.65			58.20
111 - 2	59.47			9.08			6.18			60.05
111 - 3	54.94			5.82			3.40			54.80
111 - 4	59.60			9.77			7.03			59.25
111 - 5	62.69			9.83			7.09			58.66
111 - 6	59.57			6.11			3.10			59.26
112		N 80 0 E	79.52		S 40 51 W	113.71		N 53 48 W	109.88	

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

81-1
 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

81-1
 RECORDED - FILED
Jamboree 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
St. Gabriel 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

68

ALIGNMENT SHEET 20
 REFERENCE MONUMENTS
 3 JULY 79

 DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 20 27 E	2918.06	120 - 0
	POT	S 20 27 W	4115.39	121 - 0
		S 68 46 W	93.21	RM-1
		N 70 42 W	68.22	RM-2
		N 28 33 W	85.88	RM-3

 DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-3	POT	N 20 27 E	5981.50	120 - 0
	POT	S 20 27 W	1051.95	121 - 0
		S 63 31 W	107.89	RM-1
		N 71 9 W	88.95	RM-2
		N 23 12 W	103.33	RM-3

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

ALIGNMENT SHEET 20
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			
113		S 46	39 W	209.00		N 89	23 W	162.91		N 43	57 W	204.10	
113A		S 35	18 W	104.46		S 81	12 W	148.32		N 48	45 W	156.08	
114		S 47	44 W	106.20		N 85	41 W	72.75		N 36	57 W	97.76	
115		S 73	30 W	88.59		N 62	29 W	74.97		N 21	23 W	102.60	
116		S 81	10 W	101.35		N 53	56 W	83.14		N 15	6 W	114.91	
117		S 88	17 W	113.73		N 50	33 W	81.66		N 2	60 W	82.88	
118		S 70	7 W	84.78		N 52	36 W	61.11		N 4	20 E	84.22	
119		S 64	4 W	93.35		N 67	29 W	73.04		N 19	31 W	103.64	
120		S 70	12 W	104.75		N 69	29 W	81.04		N 33	10 W	119.84	
121		N 87	15 W	186.45		N 54	42 W	134.71		N 16	48 W	163.00	
122		S 37	7 E	134.80		N 71	32 W	90.28		N 15	53 W	86.01	

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 4 20 W	1705.05	113A- 0
	POT	S 4 20 E	2784.21	114 - 0
		S 33 5 W	106.30	RM-1
		N 89 33 W	89.30	RM-2
		N 48 4 W	124.73	RM-3

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

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

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

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

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

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

ALIGNMENT SHEET 21
 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
122 - 1	59.32				5.62				4.64				59.43
122 - 2	60.47				10.10				6.77				60.00
122 - 3	59.94				10.02				6.77				59.07
122 - 4	59.77				4.67				4.24				59.56
122 - 5	59.95				5.90				7.40				59.87
122 - 6	60.01				6.31				5.49				59.42
122 - 7	59.67				6.29				5.85				59.88
122 - 8	59.65				5.89				7.39				59.85
122 - 9	59.46				6.31				8.89				59.90
122 -10	60.10				10.30				6.86				59.75
122 -11	60.76				10.06				6.61				60.11
122 -12	60.00				6.55				10.05				60.46
122 -13	60.49				10.15				6.64				59.86
122 -14	59.58				6.71				9.95				60.25
122 -15	59.70				6.73				10.13				60.30
123 - 1	58.35				6.73				9.97				62.07
123 - 2	60.10				6.42				5.47				59.62
123 - 3	60.04				10.04				6.70				59.33
123 - 4	59.37				7.65				11.98				60.26
123 - 5	59.50				6.99				10.08				60.35
123 - 6	60.16				10.09				6.90				59.68
123 - 7	60.55				10.06				7.00				60.00
123 - 8	60.27				7.62				12.08				60.74
123 - 9	59.58				5.98				7.51				60.07
123 -10	60.32				7.81				5.90				59.84
123 -11	59.70				9.31				6.05				59.28
123 -12	61.39				8.99				6.08				59.57
124 - 1	61.78				13.80				10.96				58.78
124 - 2	50.47				9.12				5.90				50.00
124 - 3	55.63				5.54				6.29				59.54

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

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

ALIGNMENT SHEET 21
 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
124 - 4	59.74		7.72		5.89		59.37
124 - 5	59.92		6.23		5.47		60.22
124 - 6	59.64		5.78		7.53		60.09
124 - 7	59.30		5.60		6.33		59.66
124 - 8	60.10		8.65		6.13		59.62
124 - 9	60.71		9.09		5.90		58.35
125 - 1	59.68		5.82		7.68		59.89
125 - 2	59.90		6.44		8.77		60.09
125 - 3	60.66		8.34		7.76		59.47
125 - 4	59.90		5.78		6.26		59.95
125 - 5	59.54		5.14		6.92		59.87
125 - 6	58.75		5.49		6.41		60.39
126 - 1	58.84		5.41		6.36		61.00
126 - 2	59.65		5.07		6.68		59.69
126 - 3	57.18		5.85		6.46		57.55
126 - 4	60.07		7.66		5.78		59.36
126 - 5	59.81		6.20		8.73		60.30
126 - 6	60.31		9.99		6.82		59.70

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

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

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

ALIGNMENT SHEET 22
 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
128 -11	59.87			6.73			10.06			60.01
128 -12	60.51			10.02			7.02			59.88
128 -13	60.71			10.01			6.75			59.74
128 -14	59.96			6.88			10.03			60.42
128 -15	60.02			5.75			6.14			59.81
128 -16	60.25			7.68			5.73			59.81
128 -17	61.58			8.39			5.00			58.26

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

ALIGNMENT SHEET 21
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-1	POT	N 44 30 E	2460.91	122 - 0
	POT	S 44 30 W	3499.67	122 - 1
		S 49 55 E	91.02	RM-1
		N 86 30 W	91.75	RM-2
		N 9 20 W	74.16	RM-3

DETAIL E

DETAIL	OBJECT	BEARING	DISTANCE	OBJECT
E-2	POT	N 44 30 E	4907.59	122 - 0
	POT	S 44 30 W	1052.99	122 - 1
		S 79 20 E	102.35	RM-1
		S 13 13 E	105.88	RM-2
		N 49 27 W	72.65	RM-3

81-1
 RECORDED - FILED
Valdery 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
Lambert 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
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
H. Hilton 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

ALIGNMENT SHEET 22
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1 BRG DIST	VSM-2	RM2 BRG DIST	VSM-3	RM3 BRG DIST	VSM-4
126 - 7	60.26		9.71		6.60		59.50
126 - 8	59.70		6.82		10.02		60.42
126 - 9	59.62		6.88		10.10		60.51
126 -10	60.22		10.12		6.79		59.58
126 -11	60.62		9.83		6.95		59.83
126 -12	59.70		6.89		9.79		60.52
126 -13	60.11		10.62		6.10		59.41
127 - 1	61.51		9.99		6.73		59.02
127 - 2	60.59		10.46		5.77		59.67
127 - 3	60.30		10.13		6.91		59.59
127 - 4	59.20		6.48		10.12		60.24
127 - 5	59.92		6.93		9.85		60.71
127 - 6	60.15		10.19		6.74		59.57
127 - 7	59.88		6.91		9.98		60.11
127 - 8	60.20		9.91		6.74		59.50
127 - 9	60.60		10.09		6.86		59.73
127 -10	59.97		6.52		10.08		60.31
127 -11	59.59		5.59		6.22		60.02
127 -12	60.02		8.97		6.24		59.59
127 -13	61.64		8.43		5.10		57.97
128 - 1	60.59		7.57		6.07		60.50
128 - 2	59.28		9.39		10.25		60.02
128 - 3	59.88		6.91		10.07		60.51
128 - 4	60.33		10.22		6.58		59.81
128 - 5	60.15		9.95		6.89		59.75
128 - 6	59.89		6.77		10.07		60.42
128 - 7	59.64		6.79		9.95		60.65
128 - 8	60.06		10.11		6.69		59.90
128 - 9	60.19		8.94		6.26		59.75
128 -10	59.54		6.75		10.05		60.50

81-1
 RECORDED - FILED
Valdy
 REC. DIST. _____
 DATE 1-12 19 81
 TIME 10:10 PM
 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
Joubanks
 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
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
St. John
 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

ALIGNMENT SHEET 23
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
129 - 1	58.90				8.75				6.18				58.42
129 - 2	60.15				6.34				8.94				60.63
129 - 3	59.70				6.75				10.07				60.48
129 - 4	59.97				10.13				6.73				59.59
129 - 5	62.46				12.15				6.33				61.58
129 - 6	59.27				6.78				10.10				59.87
129 - 7	59.51				5.52				6.41				59.77
129 - 8	60.40				8.65				6.14				59.71
129 - 9	61.76				8.32				5.24				57.98
130 - 1	60.94				8.76				6.34				60.31
130 - 2	59.32				6.38				8.79				59.92
130 - 3	60.20				6.65				10.09				60.66
130 - 4	60.45				10.03				6.61				59.84
130 - 5	60.49				10.30				6.69				59.40
130 - 6	59.25				6.95				10.01				59.88
130 - 7	60.18				9.98				6.82				59.79
130 - 8	59.58				6.90				10.00				60.49
130 - 9	60.04				6.91				9.82				60.80
130 -10	60.32				9.91				6.80				59.91
130 -11	60.11				7.55				12.14				60.89
130 -12	60.35				10.00				6.85				59.59
130 -13	60.06				10.15				6.78				59.49
130 -14	59.75				7.10				10.10				59.97
130 -15	60.09				10.22				7.01				59.94
130 -16	59.52				6.45				8.73				60.14
130 -17	59.43				5.43				8.05				59.57
130 -18	60.30				12.46				1.37				60.58
131 - 1	59.50				5.45				8.00				59.83
131 - 2	60.51				5.89				7.72				60.97
131 - 3	60.09				7.52				5.83				59.53

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
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
Jankovics 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
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. 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
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 23
 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
131 - 4	59.98				6.90				10.00				60.63
131 - 5	60.13				10.01				6.76				59.39
131 - 6	60.45				8.78				6.30				59.81
131 - 7	59.83				6.77				9.99				60.24
131 - 8	50.07				7.51				5.75				49.54
131 - 9	59.61				6.30				8.97				60.26
131 -12	59.67				5.63				6.35				60.16
131 -13	59.86				6.40				5.50				59.59
131 -14	69.51				6.40				5.50				69.62
131 -15	59.52				5.79				7.68				59.82

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

81-1
 RECORDED - FILED
Sainbon
 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
 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. Sutton
 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

ALIGNMENT SHEET 24
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG RM1	DIST	BRG RM2	DIST	BRG RM3	DIST	VSM-4
131 -16	59.87				7.83			60.35
132 - 1	59.26				7.69			61.56
132 - 2	59.91				7.69			59.63
132 - 3	59.00				6.72			59.65
132 - 4	60.49				12.06			59.88
132 - 5	60.70				9.98			59.91
132 - 6	60.04				7.03			60.30
132 - 7	59.93				6.78			60.59
132 - 8	60.55				10.00			59.78
132 - 9	60.67				10.30			59.36
132 -10	60.35				6.81			59.43
132 -11	59.95				6.82			60.62
132 -12	56.76				10.80			56.30
132 -13	60.17				11.85			59.48
132 -14	59.70				6.78			60.45
132 -15	60.04				6.90			60.69
132 -16	60.66				9.93			59.89
132 -17	59.94				6.31			59.76
132 -18	59.49				6.32			60.04
133 - 0	58.11				5.82			61.57
133 - 1	60.18				8.94			59.66
133 - 2	59.00				6.82			59.70
133 - 3	59.71				5.82			59.81
133 - 4	59.78				7.76			59.60
133 - 5	59.23				5.03			60.05
133 - 6	58.98				4.84			60.94
134 - 1	58.20				5.00			61.35
134 - 2	49.80				4.92			50.04
134 - 3	69.62				5.71			69.52
134 - 4	59.45				6.32			59.27

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
China 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
Faulkner 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
Barnard 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
St. John 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
Rampant REC. DIST.
 DATE 1-7 19 81
 TIME 2:13 PM
 Requested by AS/DNR
 703 W. NORTHERN LTS.
 ANCHORAGE, AK 99503

ALIGNMENT SHEET 24
 REFERENCE MONUMENTS
 3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	BRG	RMI	DIST	VSM-2	BRG	RM2	DIST	VSM-3	BRG	RM3	DIST	VSM-4
134 - 5	59.52				5.87				7.54				60.07
134 - 6	59.88				6.86				9.96				60.37
134 - 7	60.21				9.86				6.65				59.56
134 - 8	70.34				10.15				6.95				69.43
134 - 9	11.38				59.74				60.50				14.20
134 -10	59.72				6.79				10.04				60.41
134 -11	60.37				9.95				6.96				59.63

81-1
 RECORDED - FILED
Talch
 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
Fainbank
 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
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
H. Bolton
 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

ALIGNMENT SHEET 25
REFERENCE MONUMENTS
3 JULY 79

DETAIL A AND B

POINT ID	VSM-1	RM1 BRG	DIST	VSM-2	BRG	RM2 DIST	VSM-3	BRG	RM3 DIST	VSM-4
134 -12	59.93			6.84			10.16			60.60
134 -13	60.49			9.93			6.71			59.62
134 -14	60.17			9.94			6.74			59.49
134 -15	59.61			7.63			12.12			60.24
134 -16	60.19			9.27			7.22			59.69
134 -17	59.83			7.75			12.08			60.40
134 -18	57.88			6.98			12.69			62.95
135 - 1	64.11			7.63			11.90			64.42
135 - 2	70.03			12.19			7.75			69.39
135 - 3	60.47			9.85			6.71			59.59
135 - 4	59.85			6.71			9.88			60.56
135 - 5	59.75			6.80			10.09			60.31
135 - 6	60.68			9.99			6.90			59.36
135 - 7	60.37			10.01			6.87			59.61
135 - 8	59.78			6.91			9.88			60.73
135 - 9	59.71			6.86			10.23			60.21
135 -10	60.47			12.26			7.53			59.98
135 -11	60.42			10.14			6.69			59.66
135 -12	59.64			6.74			9.83			60.18
135 -13	59.87			6.68			9.93			60.24
135 -14	60.04			9.78			6.68			59.37
135 -15	59.67			5.64			6.11			59.79
135 -16	60.14			10.07			6.91			59.65
135 -17	62.21			10.21			6.69			58.18
136 - 1	60.05			8.88			6.35			59.61
136 - 2	59.64			6.58			10.03			60.36
136 - 3	59.90			6.74			10.26			60.53
136 - 4	55.52			10.69			8.64			54.89
136 - 5	60.29			10.20			6.67			59.84
136 - 6	59.80			6.68			9.90			60.44

81-1
RECORDED - FILED
Vahdy 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 P.M.
Requested by AS/DNR
703 W. NORTHERN LTS.
ANCHORAGE, AK 99503

81-1
RECORDED - FILED
Fambanks REC. DIST.
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
Barnes 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. Sutton 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
Rampant 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 25
 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	
136 - 7		10.59		60.66		59.72	8.53
136 - 8		59.56		6.80		10.12	59.99
136 - 9		59.84		6.95		10.01	60.37
136 - 10		14.60		60.57		59.59	11.31

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

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

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

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