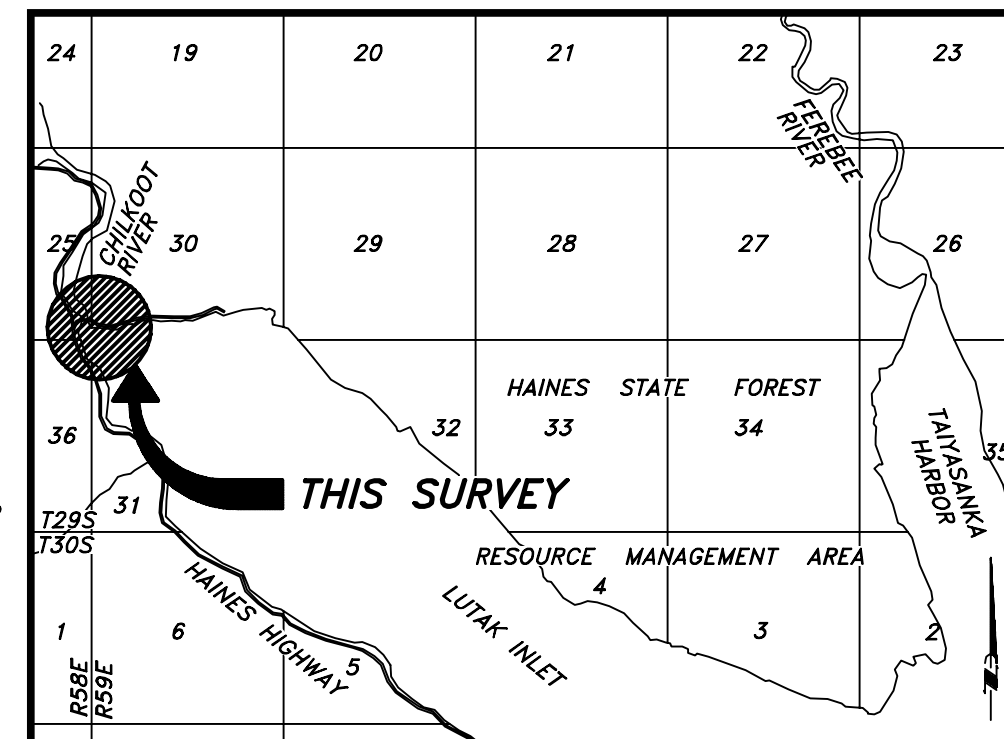
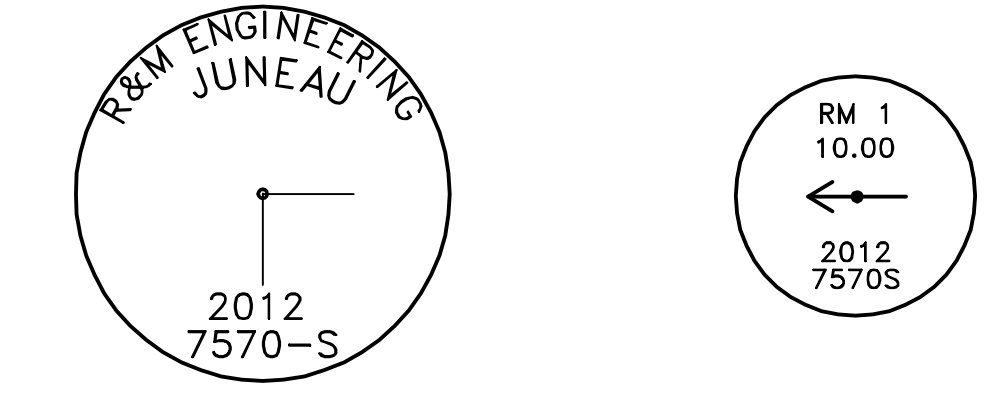


TABLE OF AREAS			
PARCEL 3A	3.30 AC.	143,948 S.F.	
PARCEL 3B	0.34 AC.	14,881 S.F.	
PARCEL 3C	0.67 AC.	24,956 S.F.	(ACCRETED LANDS)
PARCEL 4A	3.49 AC.	152,239 S.F.	
PARCEL 4B	0.06 AC.	2,529 S.F.	
PARCEL 4C	0.08 AC.	3,448 S.F.	
PARCEL 4D	0.10 AC.	4,407 S.F.	
(ACCRETED LANDS)	0.13 AC.	5,484 S.F.	

CURVE TABLE					
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD DIRECTION
C1	01°49'04"	7.85'	494.56'	15.69'	S01°31'05"E-15.69'
C2	02°08'33"	8.13'	434.56'	16.25'	N01°40'48"W-16.25'
C3	09°43'54"	34.02'	399.65'	67.88'	N05°28'46"W-67.80'
C4	12°21'08"	59.61'	550.87'	118.76'	N02°50'37"W-118.53'
C5	14°04'53"	20.98'	169.85'	41.74'	S21°32'07"W-41.64'
C6	04°14'02"	17.10'	462.48'	34.18'	N12°22'40"E-34.17'
C7	12°41'14"	15.55'	139.85'	30.97'	N20°50'18"E-30.90'
C8	28°10'18"	35.38'	140.99'	69.32'	N42°36'45"E-68.63'

TYPICAL MONUMENTS  
(ESTABLISHED THIS SURVEY)



VICINITY MAP  
SOURCE: U.S.G.S. QUADRANGLE B-2 SE, ALASKA  
SCALE: 1" = 1 MILE  
DATE: 1991

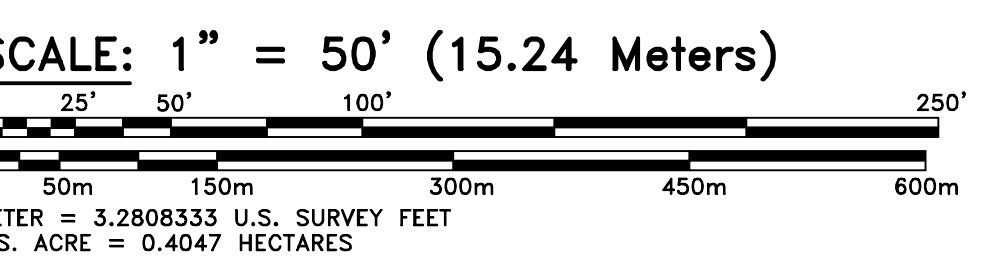
- LEGEND**
- Secondary Monument by Others (Recovered)
  - 7570-S Primary - Monument, 3.5" AL. CAP ON 2.5"x30" STEEL SHANK (ESTABLISHED)
  - Monument of Record (Not Recovered)
  - Property / Boundary Line
  - Mean High Water Line
  - Toe of Slope
  - Edge of River
  - Centerline
  - Public Access Easement
  - Tree Line
  - R1: PLAT NO. 79-6
  - R2: STATE OF ALASKA DOT/PF PROJECT NO. RS-099-1(22)
  - Potential Accretion Area in Question

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT I AM PROPERLY REGISTERED AND LICENSED TO PRACTICE LAND SURVEYING IN THE STATE OF ALASKA, THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE MONUMENTS SHOWN HEREON ACTUALLY EXIST AS DESCRIBED, AND THAT ALL DIMENSIONS AND OTHER DETAILS ARE CORRECT.

DATE: \_\_\_\_\_ REGISTRATION NO. 7570-S

REGISTERED LAND SURVEYOR



DATE OF SURVEY	NAME OF OWNER	NAME OF SURVEYOR
Beginning 8/30/12	REUBEN LOEWEN P.O. BOX 1163 HAINES, ALASKA 99827	R&M ENGINEERING, INC. 8205 GLACIER HIGHWAY JUNEAU, ALASKA 99801 R&M PROJ. No.: 121784
Ending 8/30/12		

STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND AND WATER  
ANCHORAGE, ALASKA

RECORD OF SURVEY

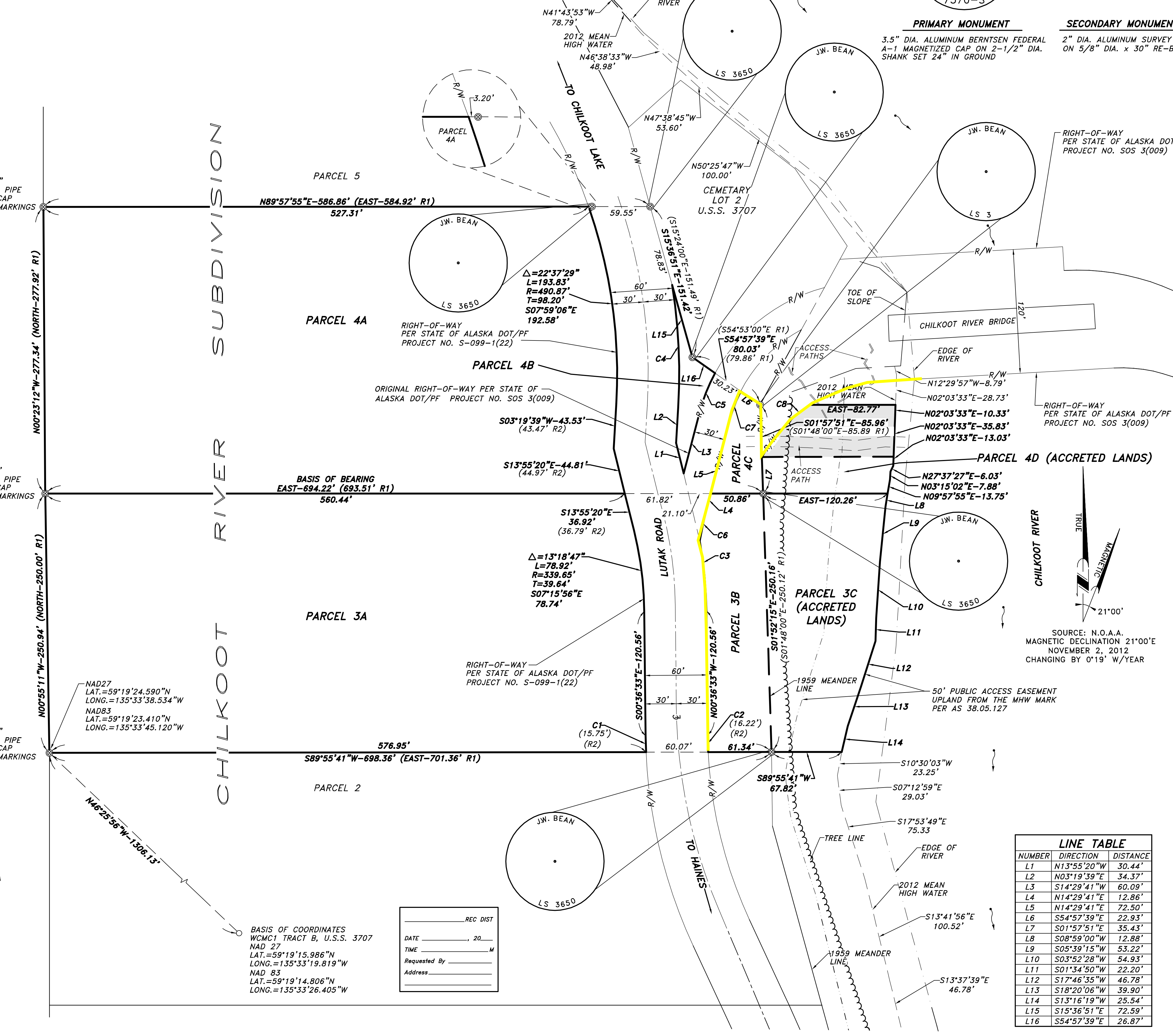
ACCRETION TO PARCELS 3 & 4

WITHIN  
CHILKOOT RIVER SUBDIVISION  
U.S. SURVEY 3707

PROTRACTED SECTIONS 25 & 36, T.29 S., R.58 E., C.R.M., ALASKA  
HAINES RECORDING DISTRICT

DRAWN BY: JAF & BPP  
DATE: 10/15/13  
REV. 5/18/15

APPROVAL STATEWIDE PLATTING SUPERVISOR  
SCALE 1"=50'  
CHECKED M.A.J.  
FILE NO. ROS



**APPROVAL CERTIFICATE**

THIS PLAT HAS BEEN REVIEWED AND FOUND TO BE IN COMPLIANCE WITH APPLICABLE PROVISIONS OF THE LAW AND SETTLEMENT AGREEMENT 1JU-06-1023 CIVIL, AND IS HEREBY APPROVED.

DATED \_\_\_\_\_ DIRECTOR, DIVISION OF MINING, LAND AND WATER

**GENERAL NOTES**

- ALL BEARINGS SHOWN ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARINGS AND DISTANCES SHOWN ARE REDUCED TO HORIZONTAL FIELD DISTANCES.
- THE BASIS OF BEARING FOR THIS SURVEY WAS BETWEEN A RECOVERED 3/4" IRON PIPE AND A RECOVERED J.W. BEAN SECONDARY MONUMENT FOR THE SOUTH LINE OF PARCEL 4, CHILKOOT RIVER SUBDIVISION, U.S.S. 3707, HAVING A RECORD BEARING OF EAST.
- THE NATURAL MEANDERS OF THE LINE OF MEAN HIGH WATER FORM THE TRUE BOUNDS OF ASLS ???-???. THE APPROXIMATE LINE OF MHW, AS SHOWN, IS FOR AREA COMPUTATIONS ONLY, WITH THE TRUE CORNERS BEING ON THE EXTENSION OF THE SIDE LINES AND THEIR INTERSECTION WITH THE NATURAL MEANDERS.
- THE BASIS OF VERTICAL CONTROL FOR THIS SURVEY IS BENCH MARK "2421 C 1998" (A DISK SET ON TOP OF ONE OF THE HIGHEST POINTS OF A PROMINENT DARK-COLOURED, STEEP FACED, MUSSEL-ENCRUSTED, ROCKY LEDGE, SHARP-FEATURED ROCK, ON THE EASTERN BANK OF CHILKAT INLET) HAVING AN ELEVATION OF 20.12' ABOVE M.L.L.W. AS REPORTED BY THE U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION, NATIONAL OCEAN SERVICE, TIDAL BENCH MARKS, HAINEs, CHILKAT INLET, DATUM PUBLISHED FEB. 19, 2008. PUBLISHED TIDAL DATUM IS AS FOLLOWS:  
MEAN HIGHER HIGH WATER.....16.49'  
MEAN HIGH WATER.....15.48'  
MEAN TIDE LEVEL.....8.53'  
MEAN LOW WATER.....1.58'  
MEAN LOWER LOW WATER.....0.00'
- WHERE RECORD SURVEY COURSES (BEARINGS AND/OR DISTANCES) DIFFER FROM FIELD MEASURED AND/OR COMPUTED SURVEY COURSES BY THIS SURVEY, THE RECORD SURVEY COURSES IS SHOWN WITHIN PARENTHESIS, WHILE FIELD MEASURED AND/OR COMPUTED SURVEY COURSE IS SHOWN WITHOUT PARENTHESIS.
- THIS PLAT IS BASED UPON THE FOLLOWING DOCUMENTS ON FILE IN THE HAINEs RECORDERS OFFICE; PLAT NO. 79-6 CHILKOOT RIVER SUBDIVISION, PLAT NO. 90-3 STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RIGHT-OF-WAY MAP ALASKA PROJECT LUTAK ROAD - HAINEs RS-0991(2) B-59822, STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES RIGHT-OF-WAY MAP ALASKA PROJECT S.O.S.-3(009) CHILKOOT RIVER BRIDGE. ADDITIONALLY THE OFFICIAL RECORDS FOR U.S. SURVEY 3707 WERE EMPLOYED.
- FIELD SURVEY WAS CONDUCTED BY CONVENTIONAL ON-THE-GROUND SURVEYING METHODS UTILIZING A TOPCON GTS-3000 TOTAL STATION AND RANGING PRISM.
- THE ERROR OF CLOSURE OF THIS SURVEY DOES NOT EXCEED 1:5000.
- ONLY PARCELS 3 AND 4 ACTUALLY EXIST OF RECORD, AND THE DESIGNATIONS OF PARCEL 3A, PARCEL 3B, PARCEL 4A, PARCEL 4B, AND PARCEL 4C ARE FOR CONVENIENCE ONLY IN DELINEATING THE INTERSECTION OF LUTAK ROAD RIGHT-OF-WAY AND CHILKOOT RIVER BRIDGE RIGHT-OF-WAY THROUGH PARCELS 3 AND 4.

REC DIST

DATE: \_\_\_\_\_, 20\_\_\_\_

TIME: \_\_\_\_\_ M

Requested By: \_\_\_\_\_

Address: \_\_\_\_\_

BASIS OF COORDINATES  
WCMC1 TRACT B, U.S.S. 3707  
NAD 27  
LAT.=59°19'15.986"N  
LONG.=135°33'19.819"W  
NAD 83  
LAT.=59°19'14.806"N  
LONG.=135°33'26.405"W