

**ASSESSOR'S DESCRIPTION  
ANALYSIS AND RECOMMENDATION**

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**APPELLANT:** Chumley, Randy

**PARCEL NUMBER:** 063-820-01

**PROPERTY ADDRESS OR GENERAL  
LOCATION:**

37960 Blexes Street Sterling, AK 99669

**LEGAL DESCRIPTION:**

T 5N R 9W SEC 14 Seward Meridian KN 0830111  
CARMICHAEL SUB LOT 1 BLK 1

**ASSESSED VALUE TOTAL:**

**\$319,800**

RAW LAND: \$24,300

IMPROVEMENTS \$295,500

**TOTAL BUILDING SQUARE FEET:**

**5,891**

**LAND SIZE** 1.38 Acres

**LAND USE AND GENERAL DESCRIPTION**

**1) Utilities**

Electricity: Yes

Gas: Yes

Water: Private Well

Sewer: Private Septic

**2) Site Improvements:**

Street:

**3) Site Conditions**

Topography: Level

Drainage: Adequate

View: None

Easements: Typical for the Kenai Peninsula Borough

**HIGHEST AND BEST USE:** As Currently Improved

**ZONING:** None

## **INTRODUCTION**

The improvements consist of a 5,891 square foot (SF) shop/office. The shop area is 4,891 SF and the office area is 1,000 SF. There is a 366 SF unfinished mezzanine that was built in 2007. Features include wood frame construction, radiant floor heat, 13' average wall height, shingle roof, and a mix of siding between hardboard and T1-11. There is a well, septic, and 8,000 SF of paving.

## **INSPECTION**

April 14, 2021: Kenai Peninsula Borough Commercial Appraiser, Scott Romain, did a drive-by inspection and no changes were observed.

There were no changes made to the characteristics of the improvements or the land value for the 2021 assessment year. The change in value was the result of updated cost tables and one additional year of depreciation.

## **LAND COMMENTS**

A physical inspection of the land was completed by the Assessing Department and the current land model was reviewed by Matt Bruns, Land Appraiser. Upon review, the subject property is being valued fairly and equitably with surrounding like-kind properties and no appropriate value changes were indicated.

For the Sterling market area (#160), 122 sales from the last three years were analyzed. The median ratio for all of the sales is 94.32% and Coefficient of Dispersion (COD) is 18.36. All ratios are within acceptable ranges as set by International Association of Assessing Officers (IAAO).

<b>Ratio Sum</b>	113.49		<b>Excluded</b>	0
<b>Mean</b>	93.02%	<b>Earliest Sale</b>	11/13/2017	
<b>Median</b>	94.32%	<b>Latest Sale</b>	7/10/2020	
<b>Wtd Mean</b>	89.43%	<b>Outlier Information</b>		
<b>PRD:</b>	1.04	<b>Range</b>	1.5	
<b>COD:</b>	18.36%	<b>Lower Boundary</b>	38.02%	
<b>St. Dev</b>	0.2228	<b>Upper Boundary</b>	149.98%	
<b>COV:</b>	23.95%		<b>Minimum</b>	28.69%
			<b>Maximum</b>	147.83%
			<b>Min Sale Amt</b>	\$ 4,000
			<b>Max Sale Amt</b>	\$ 200,000

## **APPRAISAL OF COMMERCIAL PROPERTIES**

In the appraisal industry, there are three recognized approaches to value; the cost, the income, and the sales comparison approach. All three approaches, when properly used, will produce acceptable results. The sales comparison approach is reliant upon market sales activity to estimate value. The income approach relies on income and expense data, as well as capitalization rates derived from the market to estimate value. Due to the lack of available market information available to the Kenai Peninsula Assessing Department for all property types, it is difficult to equitably establish commercial and industrial type values using these two methods.

Assessors throughout the nation have diminished this obstacle through the use of computerized appraisal models which contain building cost data, and have been calibrated to the local area. The rate tables can be re-calibrated as construction costs and the market changes, thereby uniformly and equitably re-valuing all eligible properties at the same time.

"ProVal Commercial" is the appraisal model that the Kenai Peninsula Borough uses to value all commercial properties. ProVal Commercial has "Marshall and Swift" cost data built into its valuation system. ProVal provides appraisal staff with a complete and accurate estimate of value by calculating the replacement cost new for the existing structure and site improvements (including direct costs, indirect costs, and entrepreneurial profit) and then deducting all measurable depreciation for physical deterioration, functional and economic obsolescence. When the appraiser enters measurable factors including gross building area, quality/grade, construction class, exterior wall height, mechanical facilities, interior finish, number of stories, effective age and other pertinent data pertaining to the structure's make-up, the valuation model will calculate the replacement cost new less depreciation (RCNLD). Since there is only one set of commercial cost tables used Borough wide, there is assurance that **all similar structures are uniformly and equitably valued.**

When verified market data is available, staff will also use the comparable sales approach and the income approach as a check, since the RCNLD value generated by ProVal is only one of the accepted approaches to value.

All full and true values assessed on commercial improvements within the Kenai Peninsula Borough are reconciled on the cost approach.

### **AS 29.45.110. FULL AND TRUE VALUE**

**(a)** The assessor shall assess property at its full and true value as of January 1 of the assessment year, except as provided in this section, AS [29.45.060](#), and AS [29.45.230](#). The full and true value is the estimated price that the property would bring in an open market and under the then prevailing market conditions in a sale between a willing seller and a willing buyer, both conversant with the property and with prevailing general price levels.

### **BURDEN OF PROOF**

The appellant has the burden of proving or providing any information to show that the assessed values are excessive, improper or unequal. The assessor is accorded broad discretion in deciding among the recognized valuation methods. The assessor's choice of one recognized method of valuation over another is simply the exercise of a discretion committed to the assessor by law.

\*A borough has discretion to appraise, by whatever recognized method of valuation it chooses, so long as there is no fraud or clear adoption of a fundamentally wrong principle of valuation. Hoblit vs. Greater Anchorage Area Borough, Sup. Ct. Op. No. 636 (File No. 1214), 473 P.2d 630 (Alaska 1970).

## **RECONCILIATION AND FINAL VALUE CONCLUSION**

The Assessing Department requests the Board of Equalization uphold their value recommended below based on the following findings:

1. Subject property is currently valued uniformly and equitably with the surrounding parcels.
2. Influences are applied correctly and uniformly to the subject property.
3. The Assessing Department uses standardized mass appraisal procedures and techniques to specify and calibrate market models which are applied uniformly to value property within the borough. The modeled values are statistically tested to ensure a level of accuracy and equity of assessment that meets the guidelines established by the Alaska Association of Assessing Officers and the International Association of Assessing Officers, and in compliance with State Statutes.
4. The Assessing Department reviewed all physical characteristics of the subject property to ensure all data was accurately captured.

### **ASSESSOR'S RECOMMENDATION:**

**APPELLANT: Chumley, Randy**

**PARCEL NUMBER: 063-820-01**

**LEGAL DESCRIPTION:** T 5N R 9W SEC 14 Seward Meridian KN 0830111 CARMICHAEL  
SUB LOT 1 BLK 1

**TOTAL: 319,800**

### **BOARD ACTION:**

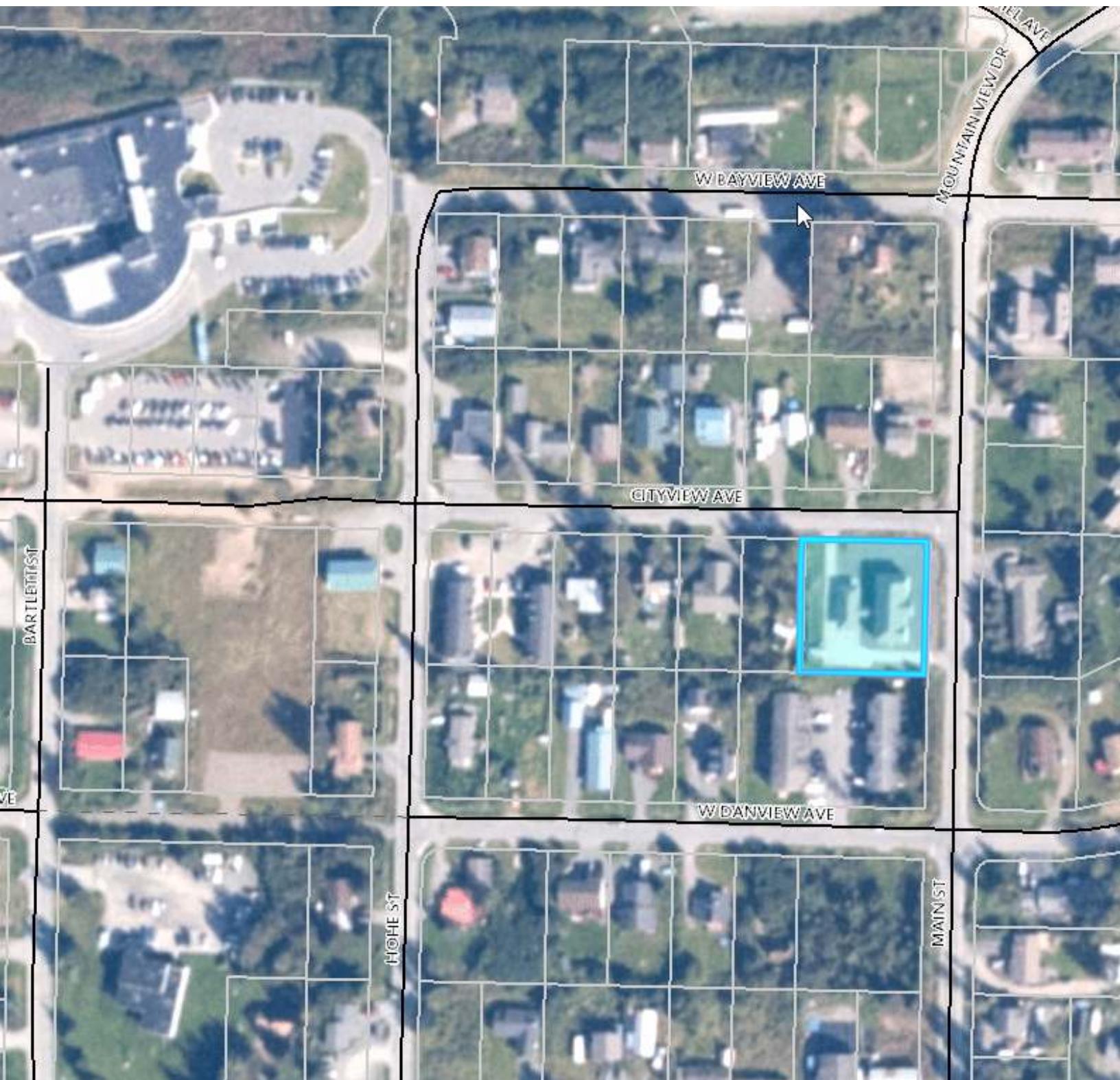
LAND: \_\_\_\_\_ IMPROVEMENTS: \_\_\_\_\_ TOTAL: \_\_\_\_\_

## **SUBJECT PHOTOS**

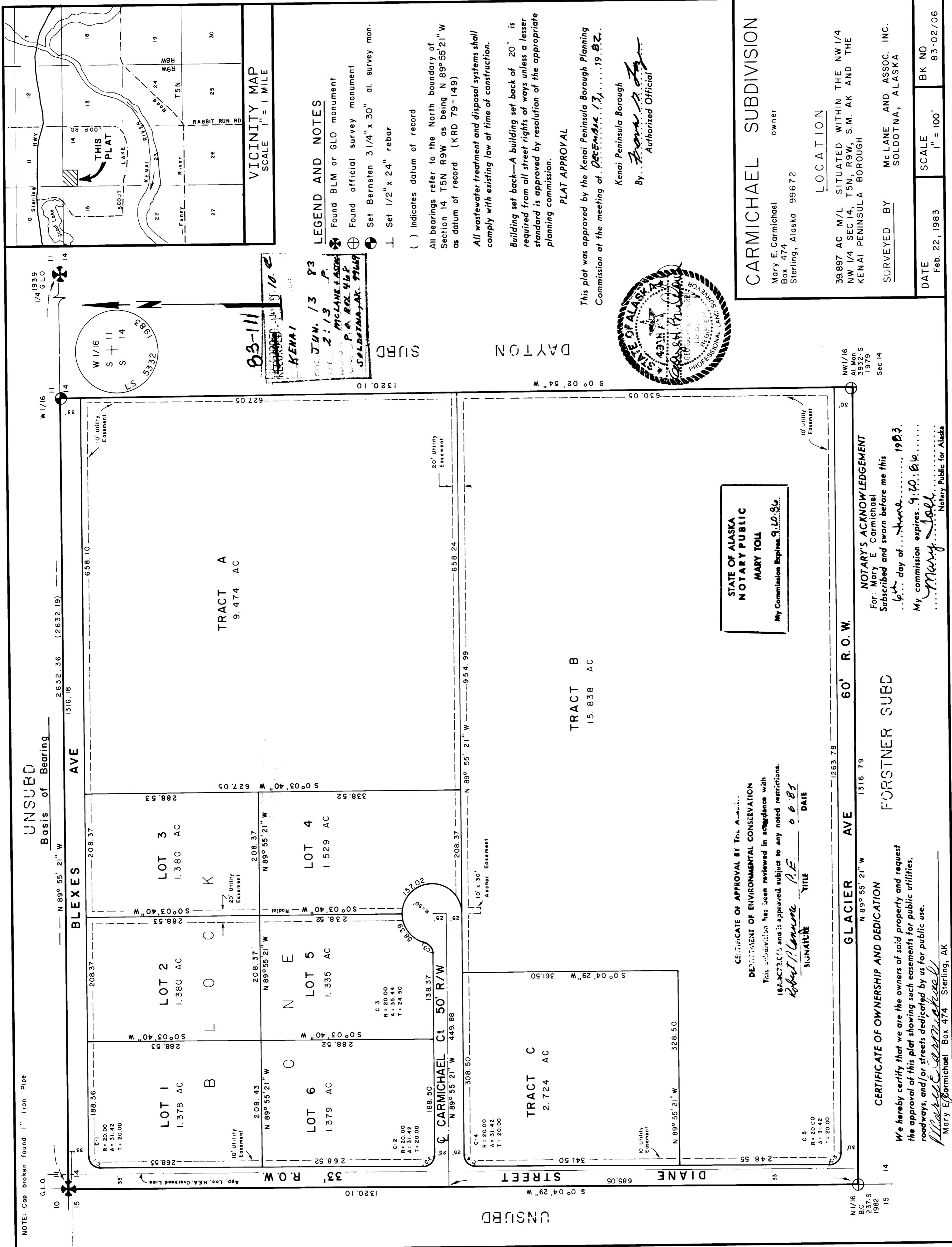


## **SUBJECT PHOTOS**











# KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

**2021**

29034

Assessor's Exhibits

**37960 DIANE ST**

**063-820-01  
Card C01**

## EQUIPMENT SHP

### ADMINISTRATIVE INFORMATION

Neighborhood:

160 Central Peninsula - Sterling

Property Class:

350 General Commercial

TAG:

58 - CENTRAL EMERGENCY SERVICES

### LEGAL DESCRIPTION:

T 5N R 9W SEC 14 Seward Meridian KN 0830111 CARMICHAEL  
SUB LOT 1 BLK 1

### General Commercial

### PRIMARY OWNER

CHUMLEY RANDY J  
CHUMLEY ANNA M

PO BOX 833  
STERLING, AK 99672-0833

### EXEMPTION INFORMATION

Assessment Year	2016	2017	2018	2019	2020	Worksheet
Land	21,500	24,600	24,300	24,300	24,300	24,300
Improvements	381,900	295,000	300,000	295,100	284,500	295,500
Total	403,400	319,600	324,300	319,400	308,800	319,800

### VALUATION RECORD

CHUMLEY RANDY J

CHUMLEY ANNA M

PO BOX 833

STERLING, AK 99672-0833

### LAND DATA AND CALCULATIONS

CHUMLEY RANDY J

CHUMLEY ANNA M

PO BOX 833

STERLING, AK 99672-0833

### Type

### Method

Use

Acres

BaseRate

AdjRate

ExtValue

Line#

Infl.Code

- Description

\$ or %

AdjAmt

Value

Residential Rural/Res 49 User Definable Land Formul

1.38

17,609

17,609

24,300

1

X Elec Yes

1

Q View None

1

S Gravel Main

1

P Gas Yes

0

**24,300**

### ASSESSED LAND VALUE (Rounded):

### MEMOS

#### Building Notes

6/10 DJ NO CHANGE

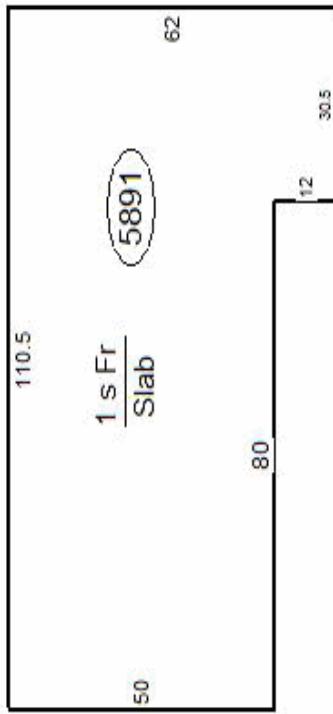
ORIGINAL

37960 DIANE ST

lrsn = 29034

2021

PHYSICAL CHARACTERISTICS	
YEAR	Built: 2007
Eff:	2007
Assessor	EQUIPMENT SHP
USE	Commercial Use Code
Floor	EQUIPBLD
Roof	SHDOFF
Exhibits	
ROOFING:	
Cold Roof Material	
C01 Shingle	
<b>WALL / FRAME:</b>	
fl Use Code	FrameDescr/sq.ft
1 SHDOFF	Wood Joist 1,000.C 13
1 EQUIPBLD	Wood Joist 4,891.C 13



063-820-01 C01

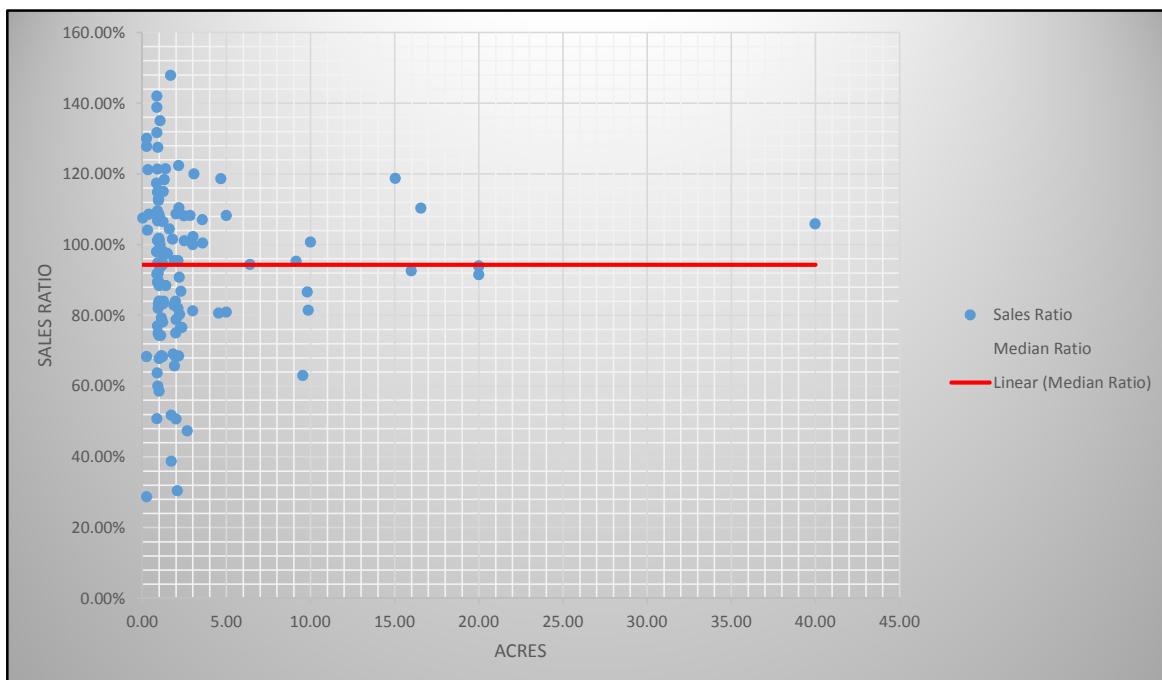
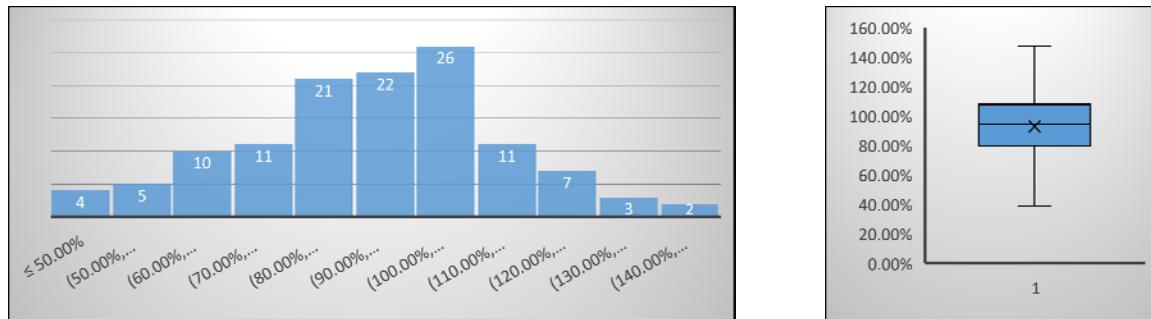
272,400

Total Before Adjustments  
**TOTAL VALUE**

SPECIAL FEATURES		Description	Size	Value	SUMMARY OF /									
Improvement	C	EQUIPBLD	0.0	Avg	2007	2007	Eff	Const	Cond	Base	Rate			
01 1 PRVSEPT	1	6500	01 SWL	0.0	Avg	3000	3000	AV	0.00	0.00	0.00			
01 1 SWL-PRV	1	4000	03 MEZUF	0.0	F	2013	2013	AV	11.54	11				
			04 PAVING	0.0	Avg	2012	2012	AV	1.75	1.				

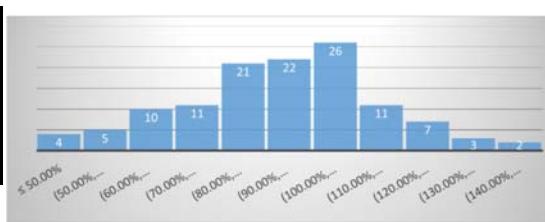
HEATING AND PLUMBING			
#	use	HeatDescr	heat A/C
1	EQUIPBLD	Hot Water R:4.891	0
1	SHDOFF	Hot Water R:1.000	0

<b>Ratio Sum</b>	113.49	<b>Excluded</b>	0
<b>Mean</b>	93.02%	<b>Earliest Sale</b>	11/13/2017
<b>Median</b>	94.32%	<b>Latest Sale</b>	7/10/2020
<b>Wtd Mean</b>	89.43%	<b>Outlier Information</b>	
<b>PRD:</b>	1.04	<b>Range</b>	1.5
<b>COD:</b>	18.36%	<b>Lower Boundary</b>	38.02%
<b>St. Dev</b>	0.2228	<b>Upper Boundary</b>	149.98%
<b>COV:</b>	23.95%		



# LAND SALES RATIO STUDY

<b>Ratio Sum</b>	113.49	2.66	<b>Excluded</b>	0	
<b>Mean</b>	93.02%	<b>Earliest Sale</b>	11/13/2017	<b># of Sales</b>	122
<b>Median</b>	94.32%	<b>Latest Sale</b>	7/10/2020	<b>Total AV</b>	\$ 4,201,500
<b>Wtd Mean</b>	89.43%	Outlier Information			
<b>PRD:</b>	1.04	<b>Range</b>	1.5	<b>Minimum</b>	28.69%
<b>COD:</b>	18.36%	<b>Lower Boundary</b>	38.02%	<b>Maximum</b>	147.83%
<b>St. Dev</b>	0.2228	<b>Upper Boundary</b>	149.98%	<b>Min Sale Amt</b>	\$ 4,000
<b>COV:</b>	23.95%			<b>Max Sale Amt</b>	\$ 200,000



**NBH**

neighborhood	pxfer_date	Irsn	PIN	Total Acres	Current Land Val	Sale Price	LandType	SaleCd	2020 Cert Lanc	Ratio
160	2/10/20	21360	05803267	3.08	\$ 34,800	\$ 29,000	20	V	\$35,400	120.00%
160	2/11/19	21434	05804058	40.00	\$ 52,900	\$ 49,995	20	V	\$25,300	105.81%
160	6/25/19	21711	05813212	1.07	\$ 21,600	\$ 16,000	20	V	\$17,100	135.00%
160	3/31/20	21753	05813303	2.85	\$ 48,700	\$ 44,990	20	Z	\$35,200	108.25%
160	6/14/18	22148	05824023	0.93	\$ 20,300	\$ 19,000	20	C	\$16,000	106.84%
160	6/13/19	22609	05836001	15.04	\$ 136,500	\$ 115,000	20	C	\$64,000	118.70%
160	4/6/18	22632	05836024	2.02	\$ 28,800	\$ 56,870	20	Z	\$46,900	50.64%
160	11/16/18	22636	05836028	1.74	\$ 26,900	\$ 52,000	20	V	\$43,600	51.73%
160	7/10/20	22639	05836031	1.62	\$ 52,200	\$ 50,000	20	V	\$68,600	104.40%
160	8/5/19	22640	05836032	2.02	\$ 57,600	\$ 53,000	20	V	\$69,300	108.68%
160	3/27/18	22641	05836033	1.81	\$ 54,800	\$ 54,000	20	V	\$69,000	101.48%
160	3/13/20	22647	05836039	2.23	\$ 60,200	\$ 75,000	20	V	\$69,600	80.27%
160	5/8/20	22652	05836044	2.00	\$ 28,700	\$ 42,000	20	V	\$46,600	68.33%
160	5/26/20	22653	05836045	2.00	\$ 28,700	\$ 38,250	20	V	\$46,600	75.03%
160	7/18/18	88437	05836061	1.00	\$ 51,500	\$ 47,700	20	C	\$57,800	107.97%
160	5/8/20	88438	05836062	1.00	\$ 30,500	\$ 45,000	20	C	\$49,500	67.78%
160	9/28/18	88456	05836080	1.00	\$ 51,500	\$ 88,000	20	C	\$66,000	58.52%
160	4/24/19	88471	05836095	1.00	\$ 51,500	\$ 47,500	20	Z	\$57,800	108.42%
160	3/29/18	22660	05836104	0.94	\$ 20,400	\$ 16,000	20	C	\$16,000	127.50%
160	6/7/19	22666	05836110	0.91	\$ 20,100	\$ 17,500	20	C	\$15,700	114.86%
160	4/29/19	25776	06301301	20.00	\$ 70,400	\$ 75,000	20	C	\$70,400	93.87%
160	6/3/19	25776	06301301	20.00	\$ 70,400	\$ 75,000	20	C	\$70,400	93.87%
160	5/21/18	25799	06301413	9.54	\$ 46,300	\$ 73,500	20	Z	\$46,300	62.99%
160	2/19/19	90451	06301487	0.96	\$ 14,400	\$ 13,500	20	C	\$14,400	106.67%
160	10/29/19	25883	06301511	10.00	\$ 100,600	\$ 99,900	20	V	\$100,600	100.70%
160	4/15/19	25914	06301705	1.01	\$ 4,200	\$ 4,750	13	C	\$4,200	88.42%
160	6/25/19	25961	06301752	1.25	\$ 4,600	\$ 4,000	13	C	\$4,600	115.00%
160	11/22/19	25967	06301758	1.02	\$ 4,200	\$ 5,000	13	C	\$4,200	84.00%
160	5/16/18	26007	06301820	0.92	\$ 18,200	\$ 15,000	20	C	\$18,200	121.33%
160	4/30/19	26066	06302131	0.94	\$ 20,800	\$ 21,940	20	C	\$20,800	94.80%
160	5/14/18	26264	06306208	0.87	\$ 19,700	\$ 21,500	20	C	\$19,700	91.63%
160	8/23/19	26341	06307211	0.87	\$ 11,100	\$ 8,000	20	C	\$11,100	138.75%
160	8/30/18	26385	06307406	0.87	\$ 7,100	\$ 14,000	20	V	\$7,100	50.71%
160	8/26/19	26386	06307407	0.87	\$ 15,800	\$ 12,000	20	C	\$15,800	131.67%
160	10/25/19	92287	06308206	0.87	\$ 7,100	\$ 5,000	20	C	\$7,100	142.00%
160	11/13/18	94530	06309186	1.91	\$ 25,300	\$ 26,500	20	Z	\$25,300	95.47%
160	3/2/18	26514	06309329	1.00	\$ 21,000	\$ 25,000	20	C	\$21,000	84.00%
160	5/29/20	26515	06309330	0.95	\$ 20,500	\$ 25,000	20	C	\$20,500	82.00%
160	10/29/18	26557	06309415	6.40	\$ 55,700	\$ 59,000	20	C	\$55,700	94.41%
160	5/22/19	88526	06309580	2.68	\$ 22,200	\$ 46,900	20	V	\$22,200	47.33%
160	5/15/19	91891	06309591	3.00	\$ 54,000	\$ 54,000	20	V	\$54,000	100.00%
160	2/10/20	93026	06309625	1.74	\$ 12,900	\$ 33,307	20	C	\$12,900	38.73%
160	5/30/19	101024	06309651	3.59	\$ 75,300	\$ 75,000	20	V	\$75,300	100.40%
160	4/18/19	90856	06309801	1.97	\$ 31,900	\$ 38,000	20	C	\$31,900	83.95%
160	10/31/19	90861	06309806	2.01	\$ 32,300	\$ 41,000	20	C	\$32,300	78.78%
160	12/21/18	90862	06309807	1.89	\$ 31,400	\$ 37,900	20	C	\$31,400	82.85%
160	6/26/20	26880	06315069	3.01	\$ 52,800	\$ 65,000	20	C	\$52,800	81.23%
160	7/20/18	99637	06315085	1.28	\$ 29,100	\$ 30,000	20	C	\$29,100	97.00%
160	9/10/18	99638	06315086	0.98	\$ 26,000	\$ 29,000	20	C	\$26,000	89.66%
160	8/27/19	99641	06315089	0.92	\$ 25,400	\$ 33,000	20	V	\$25,400	76.97%
160	12/13/18	94140	06317050	1.14	\$ 22,300	\$ 32,500	20	C	\$22,300	68.62%
160	11/28/18	26992	06318103	2.29	\$ 106,800	\$ 139,500	20	C	\$106,800	76.56%
160	6/13/19	27169	06328033	1.07	\$ 21,600	\$ 23,100	20	Z	\$21,600	93.51%
160	6/29/18	27191	06329011	0.98	\$ 166,400	\$ 200,000	20	V	\$166,400	83.20%
160	1/29/18	27258	06329133	0.92	\$ 90,900	\$ 83,000	20	C	\$90,900	109.52%
160	7/22/19	27287	06329213	1.10	\$ 94,200	\$ 126,750	20	C	\$94,200	74.32%
160	5/6/20	27445	06335122	0.96	\$ 25,100	\$ 33,500	20	Z	\$25,100	74.93%
160	2/18/20	27528	06338015	0.99	\$ 57,500	\$ 56,500	20	Z	\$94,100	101.77%
160	2/20/18	27584	06341004	1.84	\$ 27,600	\$ 40,000	20	C	\$27,600	69.00%
160	4/3/18	27720	06345316	0.26	\$ 11,500	\$ 9,000	20	C	\$11,500	127.78%
160	4/9/18	27761	06345410	2.19	\$ 47,200	\$ 42,750	5	C	\$47,200	110.41%
160	3/25/20	27871	06348050	1.93	\$ 19,700	\$ 30,000	20	C	\$19,700	65.67%
160	11/22/17	27998	06351001	1.21	\$ 22,900	\$ 24,300	20	Z	\$22,900	94.24%
160	4/11/19	94318	06355074	1.03	\$ 14,900	\$ 18,000	20	C	\$14,900	82.78%
160	3/9/18	28293	06357027	20.00	\$ 52,500	\$ 57,400	20	Z	\$52,500	91.46%
160	2/12/18	104883	06357059	4.54	\$ 28,200	\$ 35,000	20	C	\$28,200	80.57%
160	2/1/19	28399	06359010	3.58	\$ 28,900	\$ 27,000	20	C	\$28,900	107.04%
160	7/17/18	28408	06359020	0.92	\$ 18,200	\$ 18,000	20	C	\$18,200	101.11%
160	6/27/18	28456	06360030	1.23	\$ 20,800	\$ 25,000	20	C	\$20,800	83.20%
160	4/18/18	91885	06360044	2.14	\$ 27,200	\$ 28,500	20	Z	\$27,200	95.44%
160	9/19/18	28561	06363036	0.97	\$ 124,200	\$ 110,000	20	C	\$124,200	112.91%
160	4/23/19	28578	06363053	4.67	\$ 83,000	\$ 70,000	20	V	\$83,000	118.57%
160	4/3/19	28601	06364007	2.36	\$ 22,200	\$ 29,000	20	V	\$22,200	76.55%
160	6/12/19	28617	06365006	2.13	\$ 29,500	\$ 36,000	20	C	\$29,500	81.94%
160	11/22/17	28689	06368007	0.92	\$ 20,200	\$ 22,000	20	V	\$20,200	91.82%
160	8/15/19	28770	06371001	16.00	\$ 73,100	\$ 79,000	20	C	\$73,100	92.53%

## LAND SALES RATIO STUDY

neighborhood	pxfer date	Irsn	PIN	Total Acres	Current Land Val	Sale Price	LandType	SaleCd	2020 Cert Lanc	Ratio
160	8/31/18	28823	06373009	9.14	\$ 56,800	\$ 59,600	20	C	\$56,800	95.30%
160	7/16/19	28853	06373041	1.21	\$ 8,200	\$ 12,000	20	C	\$8,200	68.33%
160	3/21/19	28854	06373042	1.21	\$ 8,200	\$ 10,500	20	C	\$8,200	78.10%
160	9/11/19	28868	06374013	2.20	\$ 24,500	\$ 27,000	20	C	\$24,500	90.74%
160	8/22/18	28930	06376046	0.98	\$ 20,800	\$ 18,500	20	C	\$20,800	112.43%
160	8/7/18	28944	06376060	0.92	\$ 20,200	\$ 22,600	20	C	\$20,200	89.38%
160	10/3/19	28975	06378005	2.09	\$ 7,600	\$ 25,000	89	V	\$7,600	30.40%
160	11/13/17	28983	06378013	5.00	\$ 43,300	\$ 40,000	20	C	\$43,300	108.25%
160	8/9/19	98449	06384027	2.31	\$ 28,200	\$ 32,500	20	Z	\$28,200	86.77%
160	6/7/19	29126	06386034	1.31	\$ 21,300	\$ 18,000	20	Z	\$21,300	118.33%
160	6/19/19	29216	06388024	0.93	\$ 16,200	\$ 27,000	20	C	\$16,200	60.00%
160	10/8/19	29259	06388067	1.00	\$ 37,200	\$ 36,750	20	V	\$37,200	101.22%
160	1/15/20	29264	06388072	1.00	\$ 37,200	\$ 50,000	20	C	\$37,200	74.40%
160	3/7/18	29264	06388072	1.00	\$ 37,200	\$ 50,000	20	C	\$37,200	74.40%
160	10/8/19	29265	06388073	1.00	\$ 37,200	\$ 36,750	20	V	\$37,200	101.22%
160	12/14/17	29402	06504217	0.26	\$ 6,900	\$ 24,050	20	Z	\$6,900	28.69%
160	3/7/18	29408	06504223	0.26	\$ 10,400	\$ 8,000	20	Z	\$10,400	130.00%
160	9/5/19	29413	06504228	0.26	\$ 4,100	\$ 6,000	20	C	\$4,100	68.33%
160	7/19/19	29438	06505020	0.34	\$ 10,300	\$ 8,500	20	Z	\$10,300	121.18%
160	1/22/20	29497	06507040	9.87	\$ 52,900	\$ 65,000	20	C	\$52,900	81.38%
160	6/13/18	101344	06507529	2.50	\$ 25,400	\$ 23,500	20	C	\$25,400	108.09%
160	3/16/20	91168	06507644	2.16	\$ 13,700	\$ 20,000	20	C	\$13,700	68.50%
160	4/15/19	91184	06507660	2.16	\$ 20,800	\$ 17,000	20	C	\$20,800	122.35%
160	7/5/18	29775	06510211	1.07	\$ 21,600	\$ 21,600	20	C	\$21,600	100.00%
160	4/10/20	94557	06511127	0.93	\$ 20,300	\$ 19,000	20	C	\$20,300	106.84%
160	8/24/18	30006	06516116	1.69	\$ 17,000	\$ 11,500	20	Z	\$17,000	147.83%
160	9/13/18	30025	06516214	1.38	\$ 35,200	\$ 29,000	20	Z	\$35,200	121.38%
160	12/29/17	30039	06516228	1.51	\$ 22,800	\$ 23,400	20	Z	\$22,800	97.44%
160	11/16/17	82577	06516514	3.02	\$ 31,700	\$ 31,000	20	C	\$31,700	102.26%
160	11/16/17	81840	06516515	2.52	\$ 29,300	\$ 29,000	20	C	\$29,300	101.03%
160	9/30/19	30235	06518062	16.56	\$ 34,200	\$ 31,000	20	C	\$34,200	110.32%
160	6/30/20	30460	06522006	0.89	\$ 79,600	\$ 125,000	20	V	\$79,600	63.68%
160	10/2/18	30804	06531055	0.33	\$ 12,800	\$ 12,300	20	Z	\$12,800	104.07%
160	9/25/18	30902	06532224	5.00	\$ 18,200	\$ 22,500	20	Z	\$18,200	80.89%
160	3/23/18	31079	06537012	9.81	\$ 52,800	\$ 61,000	20	Z	\$52,800	86.56%
160	5/16/18	31120	06544032	0.40	\$ 7,600	\$ 7,000	20	C	\$7,600	108.57%
160	5/29/20	89012	06544065	1.24	\$ 20,800	\$ 22,000	20	C	\$20,800	94.55%
160	5/20/19	31320	06550006	0.86	\$ 19,600	\$ 20,000	20	C	\$19,600	98.00%
160	3/20/19	31326	06550012	0.86	\$ 17,600	\$ 15,000	20	C	\$17,600	117.33%
160	1/28/19	31365	06550051	0.96	\$ 12,400	\$ 13,500	20	Z	\$12,400	91.85%
160	11/22/17	99647	06550060	1.15	\$ 20,200	\$ 25,500	20	V	\$20,200	79.22%
160	10/26/18	99649	06550062	1.24	\$ 23,100	\$ 21,700	20	C	\$23,100	106.45%
160	11/15/19	99653	06550066	1.28	\$ 23,500	\$ 28,000	20	V	\$23,500	83.93%
160	1/8/18	99657	06550070	1.29	\$ 23,500	\$ 24,000	20	C	\$23,500	97.92%
160	6/25/18	99451	06552011	1.41	\$ 33,600	\$ 38,000	20	Z	\$33,600	88.42%
160	4/1/19	31538	06557009	0.04	\$ 10,000	\$ 9,300	92	Z	\$10,000	107.53%

058-210-61  
7/31/2019 SR  
001





## KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

2021

22032

## Assessor's Exhibits

058-210-61  
Card C01

41605 STERLING HWY

## **E ADMINISTRATIVE INFORMATION**

RETAIL/SERV GAR

Type	Method	Use	Acres	BaseRate	AdjRate	ExtValue	Line#	Infl.Code - Description	\$ or %	AdjAmt	Value
Commercial Rural/R€ 49	User Definable Land Formula		1.44	35,833	35,833	51,600	1	R Paved	5	2,580	54,200
<b>LAND DATA AND CALCULATIONS</b>											
								X Elec Yes			
								P Gas Yes			
								Q View None			
<b>ASSESSED LAND VALUE (Rounded) :</b>										<b>2,580</b>	<b>54,200</b>

**MEMOS**



063-101-07  
11/3/2016 SR  
001





# KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

**2021**

266626

Assessor's Exhibits

**063-101-07  
Card C01**

**39313 STERLING HWY**

**C&C GLASS**

## ADMINISTRATIVE INFORMATION

Neighborhood:  
160 Central Peninsula - Sterling

Property Class:  
350 General Commercial

TAG:  
58 - CENTRAL EMERGENCY SERVICES

## EXEMPTION INFORMATION

Commercial Rural/Re 30 Per Acre (breakpoint / rate)  
11/16 EFF YEAR BY WM.

## LEGAL DESCRIPTION:

T 5N R 9W SEC 19 Seward Meridian KN 0001376 MURRAY LAKE  
SUB NO 1 LOT 6 BLK 1 EXCLUDING THAT PORTION AS PER W/D  
369 @ 583

## PRIMARY OWNER

FRONTIER TRAILER SALES AND SERVICE LLC  
39313 STERLING HWY  
SOLDOTNA, AK 99669-9013

## General Commercial

## EXEMPTION INFORMATION

Assessment Year	2016	2017	2018	2019	2020	Worksheet
Land	39,700	40,000	27,600	27,600	27,600	27,600
Improvements	115,800	225,700	231,300	230,000	225,800	226,500
Total	155,500	265,700	258,900	257,600	253,400	254,100

## VALUATION RECORD

	2016	2017	2018	2019	2020	Worksheet
Land	39,700	40,000	27,600	27,600	27,600	27,600
Improvements	115,800	225,700	231,300	230,000	225,800	226,500
Total	155,500	265,700	258,900	257,600	253,400	254,100

## LAND DATA AND CALCULATIONS

Type	Method	Use	Acres	BaseRate	AdjRate	ExtValue	Line#	Infl.Code	Description	\$ or %	AdjAmt	Value
Commercial Rural/Re 30	Per Acre (breakpoint / rate)	0.50	55,200	55,200	27,600	1	X	Elec Yes				27,600
								P	Gas Yes			
								Q	View None			
								R	Paved			
<b>ASSESSED LAND VALUE (Rounded):</b>										<b>0</b>	<b>27,600</b>	

## MEMOS

### Building Notes

11/16 EFF YEAR BY WM.

### Land Notes

DRIVE ENTERS THROUGH 063-101-06

**2021**

Irsn = 26626

<b>PHYSICAL CHARACTERISTICS</b>		
<b>Assessor's Year</b>	<b>Built: 1988</b>	<b>Eff: 2005</b>
<b>Assessor's Use:</b>	<b>C&amp;C GLASS</b>	
<b>Floor</b>		<b>Commercial Use Code</b>
1	353	GENRET
1	470	EQUIPBLD
<b>Exhibits</b>		

**ROOFING:**

Card Roof Material  
C01 Metal

**WALL / FRAME:**

fl Use Code FrameDescr/sq.ft ht  
1 EQUIPBLD 12  
1 GENRET Wood Joist 950.00 12

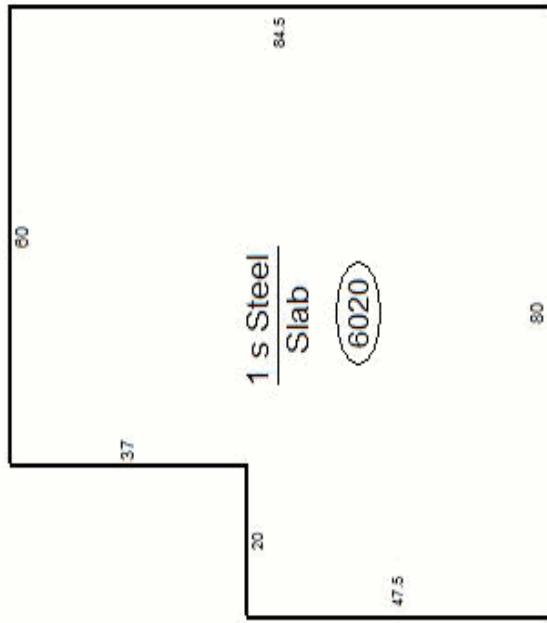
fl Wall Siding fl Dct  
1 Single -Metal on Steel Fl 242 74  
1 Stud -Metal Siding 329 100

**SPRINKLER SYSTEM**

NONE

**39313 STERLING HWY****063-101-07 C01**

M & S Database Date: 10/2020		
Description	MSUnits	MSCost
		%
Base Cost	5,070	17
Exterior Walls	5,070	7
Heating, Cooling & Vc	5,070	2
Basic Structure Cost	5,070	26
Physical Depreciation	0	0
Depreciated Cost	5,070	20
Base Cost	950	115
Exterior Walls	950	31
Heating, Cooling & Vc	950	5
Basic Structure Cost	950	150
Physical Depreciation	0	0
Depreciated Cost	950	117
Building Cost New	0	0
Depreciated Cost	0	0
Addition Cost Buildup Lines on file.		31,389 22



Total Before Adjustments  
**214,000**  
**214,000**

SUMMARY OF IMPROVEMENTS									
Improvement Description	Size Value	Adj Rate	Base Rate	Eff Const	Comp Const	Pys Value	Total Depr	% Comp	Value
C EQUIPBLD	6500	0.0	0.00	0	0	6,020	0	0	214,000
01 DRIVE	4000	0.0	2000.00	0	0	1	2,000	0	2,000
02 SWL	0.0	0.0	0.00	0	0	1	10,500	0	10,500
TOTAL IMPROVEMENT VALUE (for this card)									
									<b>226,500</b>

**HEATING AND PLUMBING**

fl use	HeatDescr	A/C
1 GENRET	Space Htr	950 0
1 EQUIPBLD	Space Htr	5,070 0

063-620-15  
8/20/2015 SR  
001





# KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

**2021**

88548

Assessor's Exhibits

**063-620-15  
Card C01**

**35840 STERLING HWY**

**EQUIPMENT SHOP**

## ADMINISTRATIVE INFORMATION

Neighborhood:  
160 Central Peninsula - Sterling

Property Class:  
350 General Commercial

TAG:  
58 - CENTRAL EMERGENCY SERVICES

## LEGAL DESCRIPTION:

T 5N R 9W SEC 11 Seward Meridian KN 20006086 CHUMLEY  
TRACTS ADDN NO 1 LOT 14A

## EXEMPTION INFORMATION

### Assessment Year

	2016	2017	2018	2019	2020	Worksheet
Land	55,000	52,900	52,900	52,900	52,900	52,900
Improvements	312,900	298,800	295,400	285,100	272,600	269,900
Total	367,900	351,700	348,300	338,000	325,500	322,800

## General Commercial

## VALUATION RECORD

	2016	2017	2018	2019	2020	Worksheet
Land	55,000	52,900	52,900	52,900	52,900	52,900
Improvements	312,900	298,800	295,400	285,100	272,600	269,900
Total	367,900	351,700	348,300	338,000	325,500	322,800

## LAND DATA AND CALCULATIONS

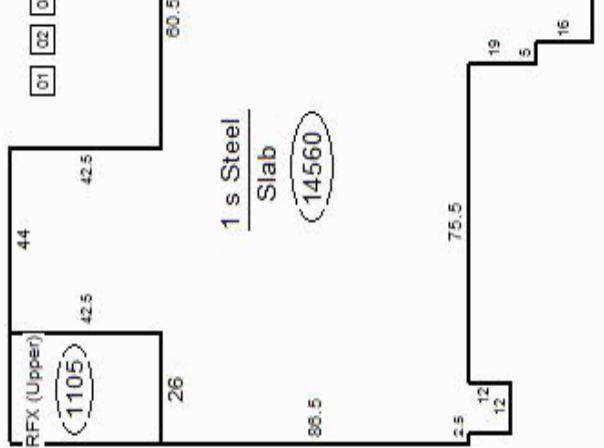
Type	Method	Use	Acres	BaseRate	AdjRate	ExtValue	Line#	Infl.Code	Description	\$ or %	AdjAmt	Value
Commercial Rural/Re 30	Per Acre (breakpoint / rate)		1.40	37,760	37,760	52,900	1	X	Elec Yes			52,900
								1	Q	View None		
								1	R	Paved		
								1	P	Gas Yes		
									0			<b>52,900</b>

## ASSESSED LAND VALUE (Rounded):

## MEMOS

**2021**

Irsn = 885548

**35840 STERLING HWY****063-620-15 C01****PHYSICAL CHARACTERISTICS****Built: 1980 Eff: 1992****EQUIPMENT SHOP****Commercial Use Code****Exhibits****ROOFING:****Card Roof Material****C01 Metal****WALL / FRAME:****fl Use Code FrameDescr/sq.ft ht****1 EQUIPBLD 16****1 GENOFF 16****fl Wall Siding If Det****1 Single -Metal on Steel Fl 613 100****SPRINKLER SYSTEM****NONE**

063-620-15 C01

M & S Database Date: 10/2020			
Description	MSUnits	MSCost	MSTotal %
Base Cost	14,560	26	382,054
Exterior Walls	14,560	7	104,104
Heating, Cooling & Vents	14,560	2	33,057
Basic Structure Cost	14,560	36	519,215
Physical Depreciation	0	0	280,376
Depreciated Cost	14,560	16	238,839
Building Cost New	0	0	519,215
Depreciated Cost	0	0	238,839
Rounded Total	0	0	238,800

Total Exterior Features Value	14,330
Depreciated Ext Features	6,590
Total Before Adjustments	245,390
Neighborhood Adjustment	10
<b>TOTAL VALUE</b>	<b>245,400</b>

		SUMMARY OF IMPROVEMENTS			Pys Total %			Total %			Value					
Description	Size	Value	Improvement	Story or Ht	Grade	Eff Const	Adj Rate	Base Rate	Cond	L	W	Size or Area	Comp Value	Pys Depr	Total Depr	Comp
C EQUIPBLD	0.0	0.00	0.00	0.00	F	1980	1992	Avg	0.00	0	0	14,560	0	0	0	100
01 MEZUFL	8.0	8.00	8.00	2000	F	1997	2000	Avg	11.54	32	15	480	5,540	26	26	245,400
02 MEZUFL	8.0	8.00	8.00	1988	F	1980	1988	Avg	11.54	40	20	800	9,230	49	49	4,100
04 SWL	0.0	0.00	3000	3000	Avg	3000	3000	Avg	0.00	0	0	1	10,500	0	0	0
<b>TOTAL IMPROVEMENT VALUE (for this card)</b>												<b>264,700</b>				

**HEATING AND PLUMBING**

fl use HeatDescr	heat A/C	1	6500	C EQUIPBLD	0.0	F	1980	1992	Avg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04 1 PRIVSEPT	1	04 1 SWL-PRV	1	4000	01	MEZUFL	8.0	F	1997	2000	11.54	32	15	480	5,540	26	26
1 EQUIPBLD	Space Htr	13,023	0	02	MEZUFL	8.0	F	1980	1988	Avg	11.54	40	20	800	9,230	49	49
1 GENOFF	Space Htr	1,537	0	04	SWL	0.0	Avg	3000	3000	Avg	0.00	0	0	1	10,500	0	0

**EXTERIOR FEATURES**

Description	Units	Cost	Total
Roof	1,105	12.97	14,330



# KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

**2021**

88548

Assessor's Exhibits

**063-620-15  
Card C02**

**35840 STERLING HWY**

## MATERIAL SHELTER

### ADMINISTRATIVE INFORMATION

Neighborhood:  
160 Central Peninsula - Sterling

Property Class:  
350 General Commercial

TAG:  
58 - CENTRAL EMERGENCY SERVICES

### LEGAL DESCRIPTION:

T 5N R 9W SEC 11 Seward Meridian KN 20006086 CHUMLEY  
TRACTS ADDN NO 1 LOT 14A

### General Commercial

### EXEMPTION INFORMATION

#### Assessment Year

	2016	2017	2018	2019	2020	Worksheet
Land	55,000	52,900	52,900	52,900	52,900	52,900
Improvements	<u>312,900</u>	<u>298,800</u>	<u>295,400</u>	<u>285,100</u>	<u>272,600</u>	<u>269,900</u>
Total	<u>367,900</u>	<u>351,700</u>	<u>348,300</u>	<u>338,000</u>	<u>325,500</u>	<u>322,800</u>

### LAND DATA AND CALCULATIONS

Type	Method	Use	Acres	BaseRate	AdjRate	ExtValue	Line#	Infl.Code	Description	\$ or %	AdjAmt	Value
Commercial Rural/Re 30	Per Acre (breakpoint / rate)		1.40	37,760	37,760	52,900	1	X	Elec Yes			52,900
								1	Q	View None		
								1	R	Paved		
								1	P	Gas Yes		
									0			<b>52,900</b>

### ASSESSED LAND VALUE (Rounded):

## MEMOS

**2021**

Irsn = 88548

**35840 STERLING HWY****063-620-15 C02****PHYSICAL CHARACTERISTICS**

<u>Assessor's Exhibits</u>	<u>Built: 1980</u>	<u>Eff: 1985</u>
<u>use</u>	<u>MATERIAL SHELTER</u>	

Commercial Use Code

1 391 MTLSTGBL

ROOFING:  
Card Roof Material  
C02 Metal

**WALL / FRAME:**

fl	Use Code	FrameDescr/sq.ft	ht	9
1	MTLSTGBL			

<u>fl</u>	<u>Wall Siding</u>	<u>If Pct</u>
1	Single -Metal on Steel Fl	104 100

**SPRINKLER SYSTEM**  
NONE**HEATING AND PLUMBING**

<u>fl</u>	<u>use</u>	<u>HeatDescr</u>	<u>heat</u>	<u>A/C</u>
1	MTLSTGBL	Space Htr	672	0

Description	MSUnits	MSCost	MSTotal	%
Base Cost	672	18	11,874	
Exterior Walls	672	9	5,793	
Heating, Cooling & Vents	672	3	1,693	
Basic Structure Cost	672	29	19,360	
Physical Depreciation	0	0	14,133	73
Depreciated Cost	672	8	5,227	
Building Cost New	0	0	19,360	
Depreciated Cost	0	0	5,227	
Rounded Total	0	0	5,200	

Description	MSUnits	MSCost	MSTotal	%
Total Before Adjustments			5,200	
TOTAL VALUE			<b>5,200</b>	

Improvement	Story or Ht	Grade	Eff Const	Adj Const	Base Rate	Adj Rate	Size or Area	Comp Value	Pys Depr	Total Depr	% Comp	Value
C MTLSTGBL	0.0	Low	1980	1985	AV	0.00	0 0	672	0 0	100	5,200	<b>5,200</b>
TOTAL IMPROVEMENT VALUE (for this card)												

063-770-04  
7/22/2015 SR  
001





# KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

**2021**

28967

Assessor's Exhibits

**34858 STERLING HWY**

**063-770-04  
Card C01**

## SERVICE GARAGE

### ADMINISTRATIVE INFORMATION

Neighborhood:  
160 Central Peninsula - Sterling

Property Class:  
350 General Commercial

TAG:  
58 - CENTRAL EMERGENCY SERVICES

### LEGAL DESCRIPTION:

T 5N R 9W SEC 12 Seward Meridian KN GOVT LOT 10

**ACRES:** 5.40

### PRIMARY OWNER

HILER WILLIAM L & DALE H  
PO BOX 573  
STERLING, AK 99672-0573

## General Commercial

### EXEMPTION INFORMATION

#### Assessment Year

**2016**

**2017**

**2018**

**2019**

**2020**

**Worksheet**

Land	29,500	31,800	35,600	39,900	44,600	50,000
Improvements	<u>144,100</u>	<u>155,200</u>	<u>190,000</u>	<u>205,400</u>	<u>218,600</u>	<u>237,300</u>
Total	<u>173,600</u>	<u>187,000</u>	<u>225,600</u>	<u>245,300</u>	<u>263,200</u>	<u>287,300</u>

### LAND DATA AND CALCULATIONS

Type	Method	Use	Acres	BaseRate	AdjRate	ExtValue	Line#	Infl.Code	Description	\$ or %	AdjAmt	Value
Commercial Rural/Rc 30	Per Acre (breakpoint / rate)		1.45	37,255	37,255	54,000	1	X	Elec Yes			54,000
								Q	View None			
								R	Paved			
								t	Topo Wetlands			
								P	Gas Yes			
Remaining/Wetlands 49	User Definable Land Formul		3.95	506	506	2,000	3	None			2,000	
<b>ASSESSED LAND VALUE (Rounded) :</b>												<b>0</b>
												<b>50,000</b>

### MEMOS

#### Building Notes

7/19/10 ES PREVIOUS FRONT OFFICE NOW SHED AROUND BACK, EAVE HEIGHT OF SHOP BY WM

#### Land Notes

2021 LAND AND IMP VALUES REFLECT CONTAMINATION

#### Real Estate Listing on File

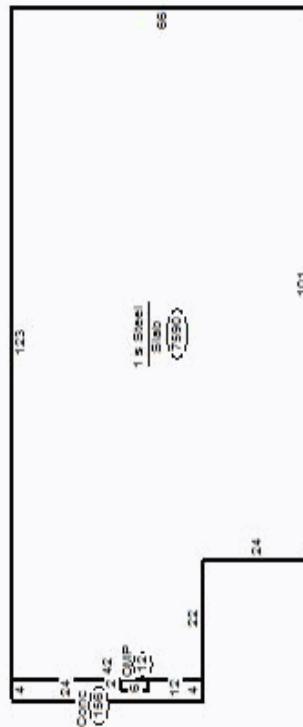
Last inspected 07/22/2015 by SR; Code: L; Data Entry by cmchood

**2021**

Irsn = 28967

**34858 STERLING HWY****PHYSICAL CHARACTERISTICS**

<u>Assessor's Year</u>	Built: 1995	Eff: 1999
<u>Assessor's Use:</u>	SERVICE GARAGE	
<u>Commercial Use Code:</u>	C01	

**ROOFING:**

<u>Card Roof Material</u>	
C01 Metal	

**WALL / FRAME:**

<u>fl Use Code</u>	FrameDescr/sq.ft	ht
1 COMGAR		10
1 GENOFF	Wood Joist	925.00

fl Wall Siding  
1 Single -Metal on Steel Fl 378 100

**SPRINKLER SYSTEM**  
NONE

063-770-04 C01

**063-770-04 C01**

M &amp; S Database Date: 10/2020

Description	MSUnits	MSCost	MSTotal	%
Base Cost	925	132	122,119	
Exterior Walls	925	35	32,828	
Heating, Cooling & Vc	925	30	27,806	
Basic Structure Cost	925	198	182,753	
Physical Depreciation	0	0	63,964	35
Depreciated Cost	925	128	118,789	
Base Cost	6,665	39	262,534	
Exterior Walls	6,665	6	36,991	
Heating, Cooling & Vc	6,665	5	33,058	
Basic Structure Cost	6,665	50	332,583	
Physical Depreciation	0	0	199,550	60
Depreciated Cost	6,665	20	133,033	
Building Cost New	0	0	515,336	
Depreciated Cost	0	0	251,822	

Addition Cost Buildup Lines on file.

Total Exterior Features Value	900
Depreciated Ext Features	360
Total Before Adjustments	252,160
Neighborhood Adjustment	40
<b>TOTAL VALUE</b>	<b>252,200</b>

<b>SUMMARY OF IMPROVEMENTS</b>		Adj Rate	Base Rate	Comp Value	Pys Depr	Total Depr	% Comp	Value
Improvement	Story or Ht							
C SERVGAR	0.0	0.00	0.00	0	0	0	0	0
01 SWL	0.0	0.00	0.00	1	10,500	0	0	10,500
02 DRIVE	0.0	0.00	0.00	1	2,000	0	0	2,000
03 SHEDGP	10.0	13.79	13.79	20	400	5,520	80	1,100

**265,800**

TOTAL IMPROVEMENT VALUE (for this card)

**HEATING AND PLUMBING**

<u>fl use HeatDescr</u>	<u>heat</u>	<u>A/C</u>
1 GENOFF	Hot Water R	925 0
1 COMGAR	Hot Water R	0 0

EXTERIOR FEATURES	Units	Cost	Total
CGNCP	156	3.53	550
QAP	12	29.17	350

Appellant's list of properties	Subject	A 058-210-61	B 063-101-07	C 063-620-15	D 063-770-04
Year Built	2007	1988	1988	1980	1995
Construction	Wood Frame	Steel	Steel	Steel	Steel
Occupancy	Shop/Office	Shop/Retail	Shop/Retail	Shop/Office	Garage/Office
Size Square Feet	5,891	8000	6020	14560	7590
Heat	Radiant Floor	Space	Space	Space	Space
Wall Height	13'	10'	12'	16'	10'
Last Inspection	4/10/2019	7/31/2019	11/3/2016	8/20/2015	7/12/2015
2021 Assessment	\$ 319,800.00	\$ 296,000.00	\$ 254,100.00	\$ 322,800.00	\$ 287,300.00

Assessed Value      If the effective age was 2007

\$ 319,800.00      \$ 428,100.00      \$ 265,100.00      \$ 515,000.00      \$ 398,400.00

#### Notes:

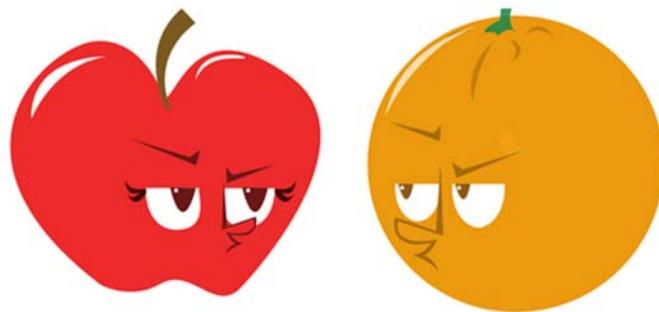
Building A was inspected during the departments 2019 Canvas

Building B was inspected in 2016 to pick up an addition

Building C & D were last inspected in during the departments 2015 Canvas

# Price per Acre Comparison

A very popular way to compare land values is to do a simple Price per Acre calculation. Simply stated this is the assessed value divided by the acreage. This will work just fine if the properties you are comparing are exactly the same size and have the exact same influences, otherwise you are just comparing apples to oranges.



Below is a sample comparison of 2 parcels that have the same acreage, with different influences.

<b>5.0 AC Base</b>	<b>\$ 50,000</b>	<b>5.0 AC Base</b>	<b>\$ 50,000</b>
Gravel Maint	\$ -	Paved	\$ 5,000
Elec Yes	\$ -	Elec Yes	\$ -
Gas No	\$ (10,000)	Gas Yes	\$ -
View Limited	\$ 12,000	View Good	\$ 25,000
		Waterfront Pond	\$ 25,000
Land Value	\$ 52,000	Land Value	\$ 105,000
Price/AC	\$ 10,400	Price/AC	\$ 21,000

Below is a sample comparison of 2 parcels that have the same influences, with different acreages.

<b>5.0 AC Base</b>	<b>\$ 50,000</b>	<b>10.0 AC Base</b>	<b>\$ 70,000</b>
Paved	\$ 5,000	Paved	\$ 7,000
Elec Yes	\$ -	Elec Yes	\$ -
Gas Yes	\$ -	Gas Yes	\$ -
View Good	\$ 25,000	View Good	\$ 35,000
Waterfront Pond	\$ 25,000	Waterfront Pond	\$ 35,000
Land Value	\$ 105,000	Land Value	\$ 147,000
Price/AC	\$ 21,000	Price/AC	\$ 14,700

### **AS 29.45.110. FULL AND TRUE VALUE**

**(a)** The assessor shall assess property at its full and true value as of January 1 of the assessment year, except as provided in this section, AS [29.45.060](#), and [29.45.230](#). The full and true value is the estimated price that the property would bring in an open market and under the then prevailing market conditions in a sale between a willing seller and a willing buyer, both conversant with the property and with prevailing general price levels.

### **BURDEN OF PROOF**

The appellant has the burden of proving or providing any information to show that the assessed values are excessive, improper or unequal. The assessor is accorded broad discretion in deciding among the recognized valuation methods. The assessor's choice of one recognized method of valuation over another is simply the exercise of a discretion committed to the assessor by law.

\*A borough has discretion to appraise, by whatever recognized method of valuation it chooses, so long as there is no fraud or clear adoption of a fundamentally wrong principle of valuation. Hoblit vs. Greater Anchorage Area Borough, Sup. Ct. Op. No. 636 (File No. 1214), 473 P.2d 630 (Alaska 1970).

# Definitions

**Assessment progressivity (reggressivity).** An appraisal bias such that higher value properties are appraised higher (lower) than low-value properties. See also price-related differential.

**Coefficient of dispersion (COD).** The average deviation of a group of numbers from the median expressed as a percentage of the median. In ratio studies, the average percentage deviation from the median ratio. *Acceptable range: Land under 30%, residential under 20%.*

**Coefficient of variation (COV).** The standard deviation expressed as a percentage of the mean. *Acceptable range: 1.25 of the COD.*

**Mean:** The result of adding all the values of a variable and dividing by the number of values. For example, the arithmetic mean of 3, 5, and 10 is 18 divided by 3, or 6. Also called the arithmetic mean.

**Median.** The midpoint or middle value when a set of values is ranked in order of magnitude; if the number of values is even, the midpoint or average of the two middle values. *Acceptable range: 90% to 110%*

**Price-related differential (PRD).** The mean divided by the weighted mean. The statistic has a slight bias upward. Price-related differentials above 1.03 tend to indicate assessment regressivity; price-related differentials below 0.98 tend to indicated assessment progressivity. *Acceptable range: 0.98 to 1.03.*

**Progressivity.** See assessment progressivity (reggressivity)

**Regressivity.** See assessment progressivity (regressivity)

**Standard deviation (St. Dev).** The statistical calculated from a set of number by subtracting the mean from each value and squaring the remainders, adding together these squares, dividing by the size of the sample less one, and taking the square root of the result. When the data are normally distributed, one can calculate the percentage of observations within any number of standard deviations of the mean from normal probability table. When the data are not normally distributed, the standard deviation is less meaningful and should be used with caution.

**Weighted mean; weighted average (wtd mean).** An average in which the observations are weighted based on some criterion. In ratio studies, the weighted mean is a calculated by weighting the ratios based on their sale prices. A shortcut method is to sum the appraisals or assessments, sum of the sales prices, and divided the first result by the second. (International Association of Assessing Officers, 1990)

## References

International Association of Assessing Officers. (1990). *Property Appraisal and Assessment Administration.* Chicago: International Association of Assessing Officers.