

BEFORE THE LAND USE COMMISSION

LAND USE COMMISSION  
STATE OF HAWAII

OF THE STATE OF HAWAII

2020 JUN -8 P 2: 34

In the Matter of the Petition of	)	DOCKET NO. A17-804
	)	
HAWAIIAN MEMORIAL LIFE PLAN, LTD.	)	HAWAIIAN MEMORIAL LIFE
	)	PLAN, LTD.
To Amend The Conservation Land Use	)	
District Boundary Into The Urban Land Use	)	
District For Approximately 53.449 Acres Of	)	
Land At Kāneʻohe, Island of Oahu, State of	)	
Hawaiʻi, Tax Map Key: (1) 4-5-033: por. 001	)	
_____	)	

PETITIONER HAWAIIAN MEMORIAL LIFE PLAN, LTD.'S:

(1) SECOND SUPPLEMENTAL LIST OF EXHIBITS

(2) EXHIBIT 59

AND

CERTIFICATE OF SERVICE

BENJAMIN M. MATSUBARA, #993-0  
CURTIS T. TABATA, #5607-0  
Matsubara, Kotake & Tabata  
888 Mililani Street, Suite 308  
Honolulu, Hawaiʻi 96813

Attorneys for Petitioner  
HAWAIIAN MEMORIAL LIFE  
PLAN, LTD.

TABLE 10

## ESTIMATE OF TOTAL BURIALS ON OAHU 2018 THROUGH 2040

Year	Scenario One: Minimum Demand			Scenario Two: Maximum Demand		
	Total Deaths	Less Total Cremations	Number of Burials (1)	Total Deaths	Less Total Cremations	Number of Burials (2)
2018	8,085	5,821	1,779	8,147	5,866	1,792
2019	8,212	5,966	1,761	8,340	6,032	1,821
2020	8,342	6,115	1,742	8,537	6,202	1,851
2021	8,492	6,281	1,726	8,738	6,377	1,880
2022	8,646	6,452	1,707	8,944	6,557	1,910
2023	8,802	6,628	1,688	9,156	6,742	1,940
2024	8,961	6,808	1,666	9,372	6,932	1,970
2025	9,126	6,996	1,643	9,593	7,127	2,001
2026	9,282	7,179	1,615	9,819	7,328	2,032
2027	9,440	7,367	1,586	10,051	7,535	2,063
2028	9,601	7,561	1,555	10,288	7,748	2,094
2029	9,765	7,759	1,521	10,531	7,966	2,125
2030	9,950	7,977	1,489	10,780	8,191	2,157
2031	10,119	8,186	1,451	11,034	8,422	2,188
2032	10,292	8,400	1,410	11,295	8,660	2,220
2033	10,467	8,621	1,367	11,561	8,904	2,252
2034	10,646	8,846	1,322	11,834	9,155	2,285
2035	10,806	9,060	1,271	12,114	9,414	2,317
2036	10,979	9,289	1,219	12,400	9,679	2,349
2037	11,155	9,522	1,165	12,692	9,952	2,382
2038	11,334	9,762	1,107	12,992	10,233	2,414
2039	11,516	10,008	1,047	13,299	10,522	2,446
2040	11,694	10,254	983	13,612	10,819	2,479
<b>Totals</b>	<b>225,711</b>	<b>180,858</b>	<b>33,819</b>	<b>245,130</b>	<b>186,363</b>	<b>48,969</b>

(1) Total Disposal by Burial and Cremation is currently at 94% (rounded), increasing at estimated rate of .01% annually, one-half higher than minimum scenario. Burial figure is residual of total Burial & Cremations less estimated Total Cremations.

(2) Total Disposal by Burial and Cremation is currently at 94% (rounded), increasing at rate of .015% annually over study period and last five years. Burial figure is residual of total Burial & Cremations less estimated Total Cremations.

Compiled by CBRE/Hallstrom Team



TABLE 12

**PROJECTION OF NET DEMAND FOR NON-VETERAN CEMETERY INTERMENTS ON OAHU 2018 THROUGH 2040**

	2018-2020	2021-2025	2026-2030	2031-2035	2036-2040	Totals
<b><i>Scenario One: Minimum Demand (Table 2)</i></b>						
Projected Number of Interred Cremations	13,694	25,434	29,110	33,260	37,778	139,275
Projected Number of Burials	5,282	8,429	7,767	6,821	5,520	33,819
<b>Total Interments</b>	<b>18,976</b>	<b>33,863</b>	<b>36,876</b>	<b>40,081</b>	<b>43,298</b>	<b>173,095</b>
Less Burial Spaces Purchased and Previously Unused (1)	(6,600)	(11,000)	(11,000)	(11,000)	(10,400)	(50,000)
Less Veterans Interred at Veterans Cemeteries	(382)	(673)	(723)	(775)	(829)	(3,383)
Less Oahu Residents Interred on Other Islands (2)	(1,500)	(2,500)	(3,750)	(3,750)	(5,000)	(16,500)
Plus Allowances for Off-Shore Persons Being Buried on Oahu (Ten Per Year)	30	50	50	50	50	230
<b>Total Periodic Net Demand for Additional Burial Spaces On Oahu</b>	<b>10,524</b>	<b>19,740</b>	<b>21,453</b>	<b>24,606</b>	<b>27,119</b>	<b>103,442</b>
<b><i>Scenario Two: Maximum Demand (Table 3)</i></b>						
Projected Number of Interred Cremations	15,385	28,674	32,954	37,872	43,524	158,409
Projected Number of Burials	5,465	9,702	10,470	11,262	12,070	48,969
<b>Total Interments</b>	<b>20,849</b>	<b>38,376</b>	<b>43,424</b>	<b>49,134</b>	<b>55,594</b>	<b>207,378</b>
Less Burial Spaces Purchased and Unused (1)	(6,600)	(11,000)	(11,000)	(11,000)	(10,400)	(50,000)
Less Veterans Interred at Veterans Cemeteries	(382)	(673)	(723)	(775)	(829)	(3,383)
Less Oahu Residents Interred on Other Islands (2)	(1,500)	(2,500)	(3,750)	(3,750)	(5,000)	(16,500)
Plus Allowances for Off-Shore Persons Being Buried on Oahu (15 Per Year)	45	75	75	75	75	345
<b>Total Periodic Net Demand for Additional Burial Spaces On Oahu</b>	<b>12,413</b>	<b>24,278</b>	<b>28,026</b>	<b>33,684</b>	<b>39,440</b>	<b>137,840</b>
<b>Mid-Point Total Periodic Interments</b>	<b>11,468</b>	<b>22,009</b>	<b>24,740</b>	<b>29,145</b>	<b>33,279</b>	<b>120,641</b>
<p>(1) There are an estimated 50,000 burial spaces in existing Oahu cemeteries which have been pre-purchased for future use. We have assumed these will be absorbed at the rate of 2,200 per years for next 18-years and (39,600 total) and 2,080 per year for the final five projection years (10,400 total)</p> <p>(2) An increasing number of resident families are electing to inter their relatives in Neighbor Island cemeteries due to the meaningfully higher average costs on Oahu. We have estimated the number at 250 per year through 2025, increasing to 400 per year through 2035, and 500 per year through 2040.</p>						
Source: CBRE/Hallstrom Team						



**TABLE 14**

**MAXIMUM ESTIMATED TOTAL EXISTING AND PROPOSED SUPPLY OF MAJOR OAHU INTERMENT OPTIONS BY 2040**

Cemetery	Combined Burial Plots, Crypts and Niche Spaces		
	Existing Available	Currently Proposed	Total Available and Proposed
Diamond Head Memorial Park	1,300	0	1,300
Nuuanau Memorial Park	700	0	700
Oahu Cemetery	700	0	700
Valley of the Temples Memorial Park	9,700	46,000	55,700
Mililani Memorial Park	3,800	19,000	22,800
Laie Cemeteries	300	0	300
Hawaii Kai Cemetery (Proposed) (1)	0	24,000	24,000
<b>TOTALS</b>	<b>16,500</b>	<b>89,000</b>	<b>105,500</b>

**46,000** = Projects require entitlements and significant infrastructure/capital investment to proceed. Soil, topography wetland and other issues must be resolved. Significant risk in assuming any/all will be built during the study time frame. Actual supply added will likely be far less.

(1) Phase I will have 12,000 burial spaces of total build-out of 60,000. We have assumed two phases, or 24,000 spaces, will be made available in projection time-frame to 2040.

Complied by CBRE/Hallstrom Team

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_____	)	

CERTIFICATE OF SERVICE

I hereby certify that an unmarked file of the foregoing document was duly served upon the following AS INDICATED BELOW on June 8, 2020.

DAWN TAKEUCHI-APUNA, ESQ.  
Deputy Attorney General  
Department of the Attorney General  
425 Queen Street  
Honolulu, Hawaiʻi 96813

HAND DELIVERY

MARY ALICE EVANS, DIRECTOR  
Office of Planning, State of Hawaiʻi  
235 South Beretania Street  
Room 600, Leiopapa A Kamehameha Bldg.  
Honolulu, Hawaiʻi 96813

HAND DELIVERY

KATHY K. SOKUGAWA, ACTING DIRECTOR  
City and County of Honolulu  
Department of Planning and Permitting  
650 South King Street, 7th Floor  
Honolulu, Hawaiʻi 96813

HAND DELIVERY

PLANNING COMMISSION  
City and County of Honolulu  
650 South King Street, 7th Floor  
Honolulu, Hawai'i 96813

HAND DELIVERY

PAUL S. AOKI, ESQ.  
Acting Corporation Counsel  
City and County of Honolulu  
Department of Corporation Counsel  
530 South King Street, Room 110  
Honolulu, Hawai'i 96813


HAND DELIVERY

HUI O PIKOILOA, an unincorporated  
Association, LIANNE CHING, BETTYE  
HARRIS, RICHARD MCCREEDY, JULIANE  
MCCREEDY, JESSE REAVIS, and  
GRANT YOSHIMORI  
c/o 45-464 Lipalu Street  
Kaneohe, Hawai'i 96744

CERTIFIED MAIL  
RETURN RECEIPT  
REQUESTED  
*gyoshimo@hotmail.com*  
*gyoshimo@gmail.com*

DATED: Honolulu, Hawai'i, June 8, 2020.

Of Counsel:  
MATSUBARA, KOTAKE & TABATA  
A Law Corporation

  
BENJAMIN M. MATSUBARA  
CURTIS T. TABATA  
Attorneys for Petitioner  
HAWAIIAN MEMORIAL LIFE  
PLAN, LTD.