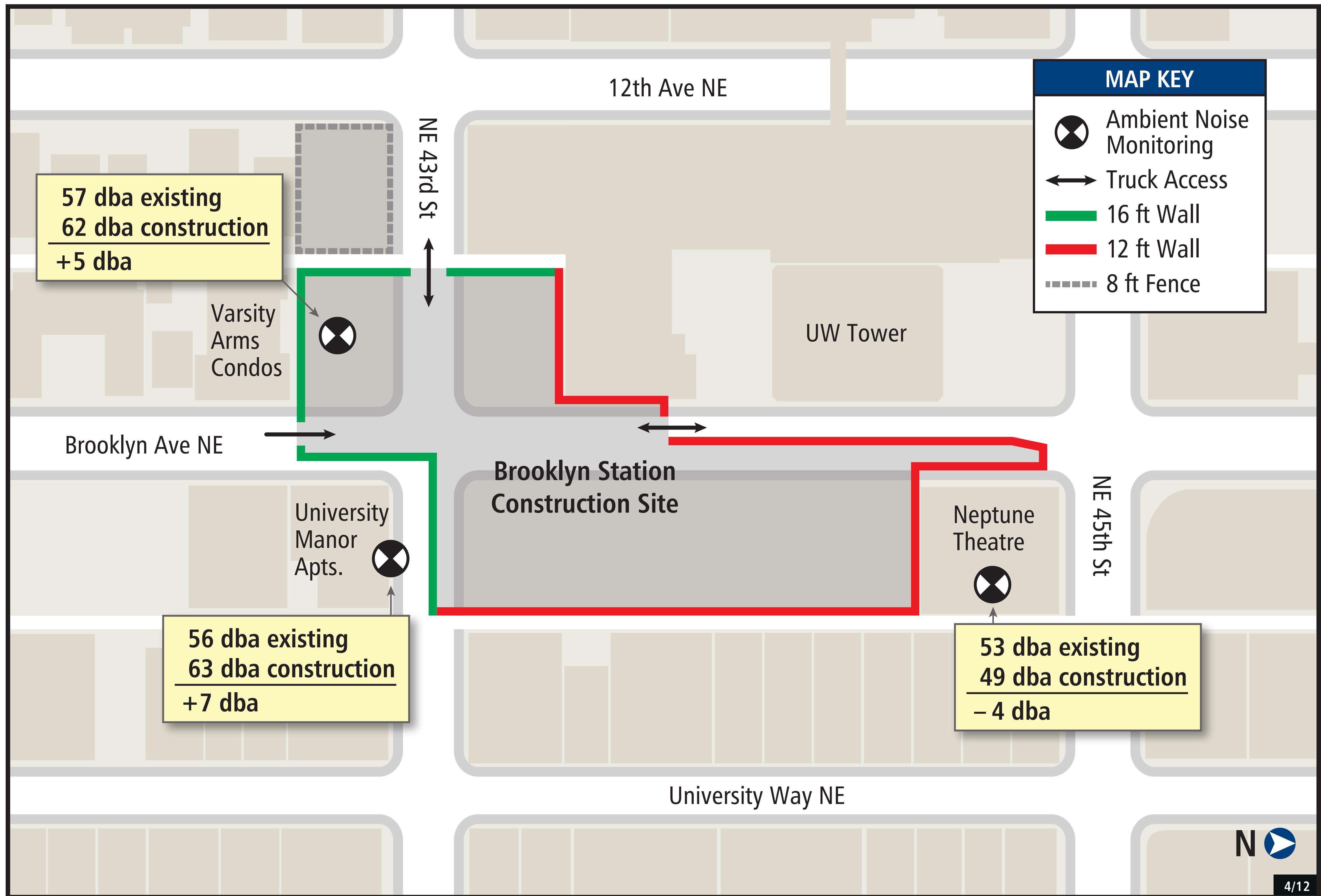


# NIGHTTIME NOISE PREDICTIONS 2014 - 2017

## BROOKLYN STATION



### A-WEIGHTED LEVELS OF COMMON SOUNDS

	SOUND	SOUND LEVEL	APPROXIMATE <sup>1</sup> RELATIVE LOUDNESS
	Jet plane at 100 feet	130	128
	Rock music with amplifier	120	64
	Thunder; danger of permanent hearing loss	110	32
	Boiler shop, power mower	100	16
	Orchestral crescendo as 25 feet	90	8
	Busy street	80	4
	Interior of department store	70	2
	Ordinary conversation at 3 feet	60	1
Existing nighttime noise at U-Manor Apartments and adjacent to Varsity Arms Condos	Quiet car at low speed	50	1/2
Existing nighttime noise at Neptune Theatre	Average office	40	1/4
	City residence, interior	30	1/8
	Quiet country residence, interior	20	1/32
	Rustle of leaves	10	1/64
	Threshold of hearing	0	1/128

<sup>1</sup> As compared to ordinary conversation at 3 feet

Source: U.S. Department of Housing and Urban Development, *Aircraft Noise Impact Planning Guidelines*, November 1972