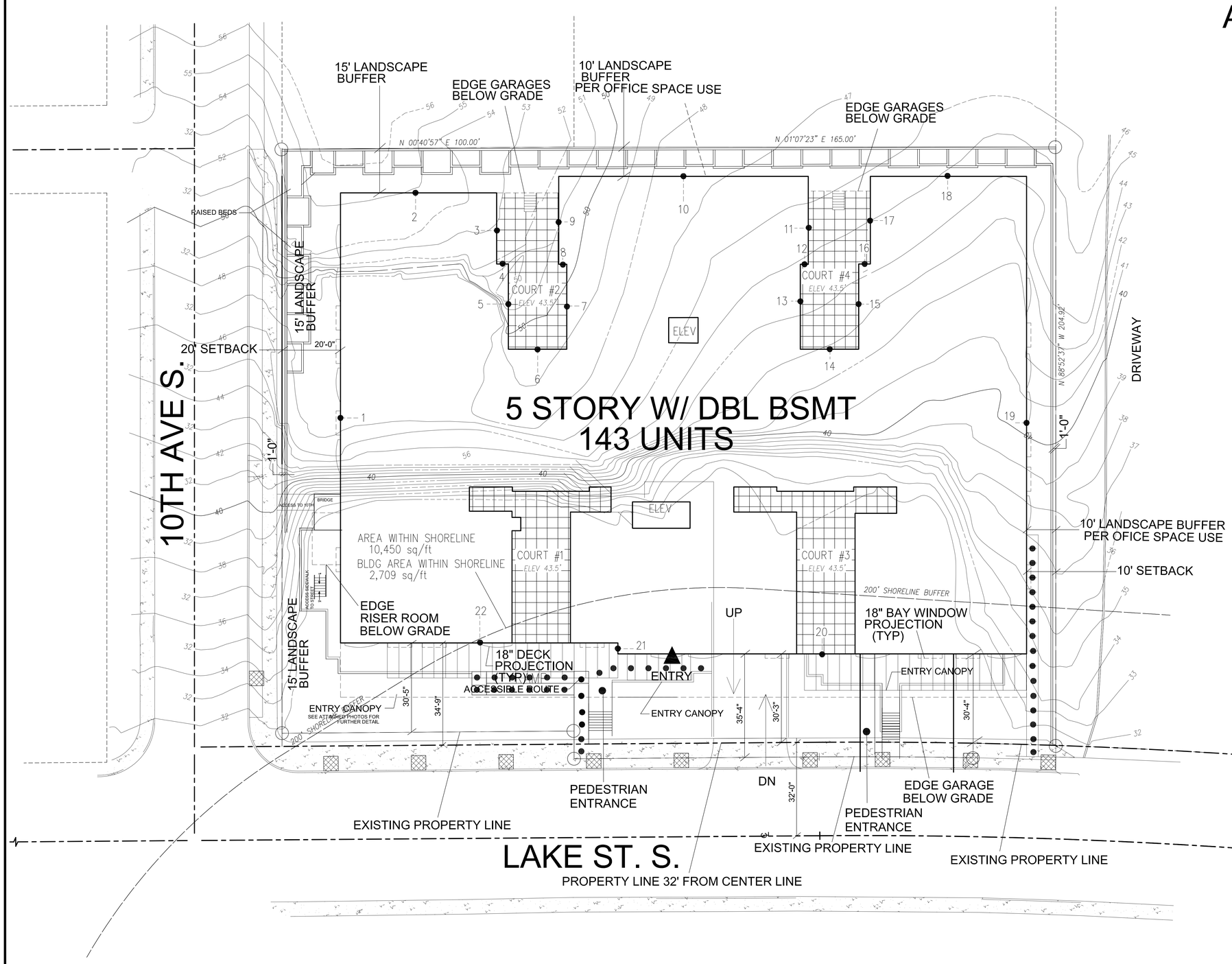

ABE CALCULATIONS

19	MIDPOINT ELEVATION	WALL SEGMENT LENGHT	
1	—46.50	154'–0"	7161.00
2	—54.85	53'–6"	2934.47
3	—52.80	24'–4"	1288.32
4	—51.25	4'–0"	205.00
5	—51.00	29'–2"	1489.20
6	—49.25'	20'–0"	985.00
7	—48.75'	29'–1"	1418.60
8	—48.80	2'–9"	134.20
9	—51.25'	25'–1"	1187.5
10	—47.35'	85'–5"	4048.42
11	—45.50'	25'–1"	1142.05
12	—45.00'	2'–9"	123.75
13	—44.25'	29'–1"	1287.67
14	—44.80	20'–0"	896.00
15	—43.25'	29'–2"	1262.90
16	—44.25	4'–0"	177.00
17	—44.50'	25'–0"	1072.89
18	—44.75'	53'–6"	2394.12
19	—40.25'	158'–5"	6379.62
20	—31.25'	139'–11"	4371.87
21	—31.25'	3'–9"	117.18
22	—31.25'	95'–0"	2968.75
	992.1	1013'–0"	43,461.35

$$ABE = \frac{43{,}461.35}{1013} = 42.9$$

LOT AREA _____ 53,601 SQ/FT
LOT COVERAGE _____ 36,835 SQ/FT
GROSS FLOOR AREA _____ 227,961 SQ/FT

PARKING CALCULATIONS:

87 COMPACT STALLS PROVIDED
10 HANDICAP STALLS PROVIDED
217 STANDARD STALLS PROVIDED

3,000 SQ/FT MEDICAL OFFICE @ 1 PER 200 SQ/FT = 15 PARKING STALLS REQ
2,852 SQ/FT OFFICE @ 1 PER 300 SQ/FT = 10 PARKING STALLS REQ
334 SQ/FT ELECTRIC ROOM @ 1 PER 300 SQ/FT = 2 PARKING STALLS REQ

COMMERICAL AREA PARKING	29 STALLS PROVIDED
143 APARTMENT UNITS @ 1.7 STALLS = 244 PARKING STALLS REQ	244 STALLS PROVIDED
GUEST PARKING STALLS PROVIDED	43 STALLS PROVIDED
TOTAL PARKING STALLS	316 STALLS PROVIDED

COMMON OPEN SPACE
COURTYARDS _____ 13,035 SQ/FT

TRASH CONTAINMENT IS IN THE BUILDING

SITE PLAN
ABE CALCULATIONS

SCALE 1/8" = 1'–0"

22 FEB 11 – SUBMIT FOR SDP
21 APR 11 – RESUBMIT FOR SDP

STATES LICENSED
WASHINGTON ARIZONA
IDAHO NEW MEXICO
MONTANA WYOMING
CALIFORNIA COLORADO
NEVADA NEBRASKA
UTAH MISSOURI
ILLINOIS INDIANA
SOUTH DAKOTA

PROJECT	143 UNIT "POTALA VILLAGE" – KIRKLAND
LOCATION	LAKE STREET, KIRKLAND, WA
OWNER	POTALA VILLAGE, LLC
CONTRACTOR	SYNERGY CONSTRUCTION, INC.

CHARLES MORGAN & ASSOCIATES
RCHITECTS
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EVERETT, WA 98203
PHONE 425–353–2888
EMAIL info@cmaarch.com

TL-921 REGISTERED ARCHITECT
CHARLES E. MORGAN
STATE OF WASHINGTON

DATE	23 MAR 11
REVISION	21 APR 11

SHEET
A1.1