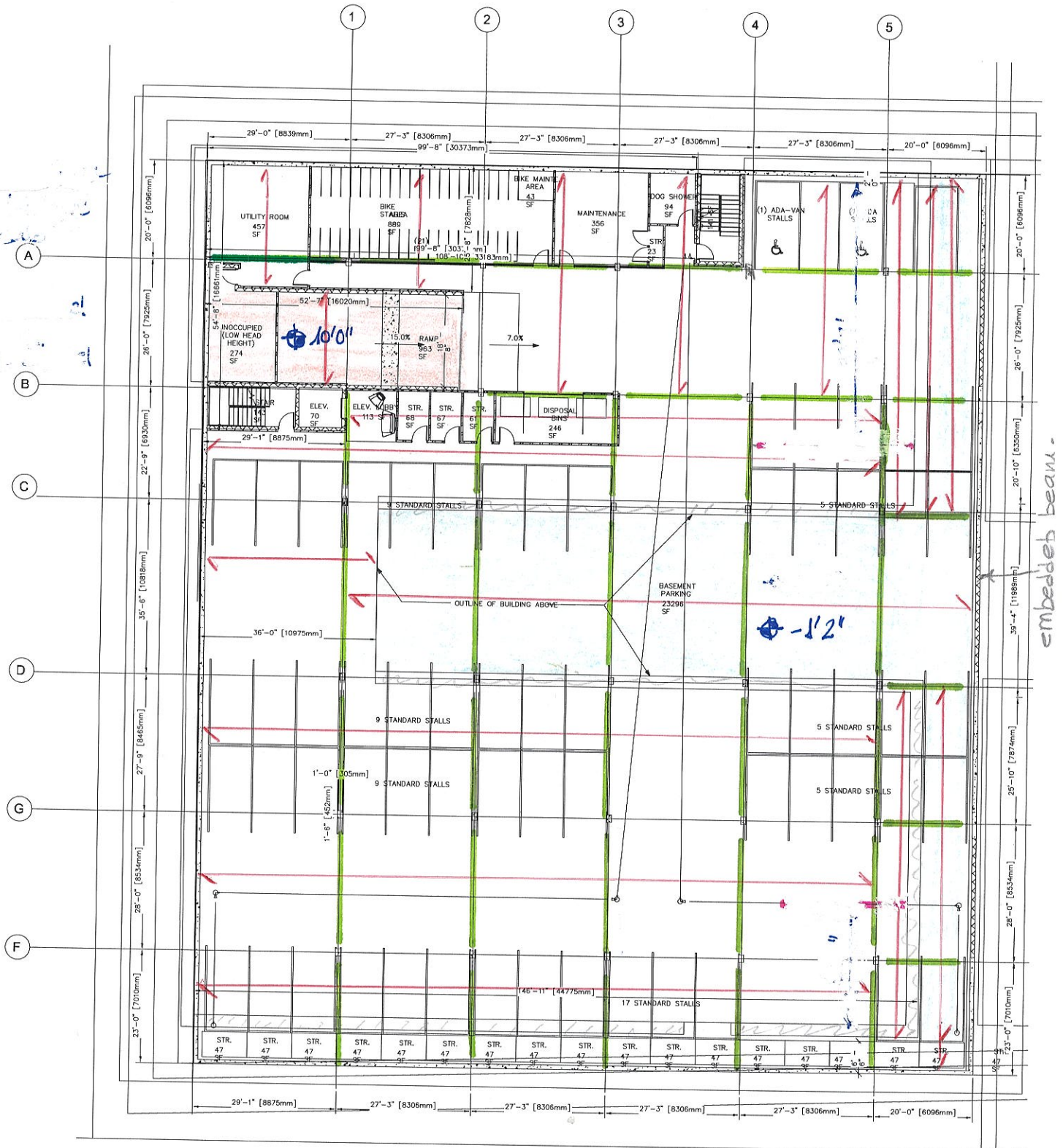


FIRST FLOOR LAYOUT

— precast beam.

→ hollowcore slab



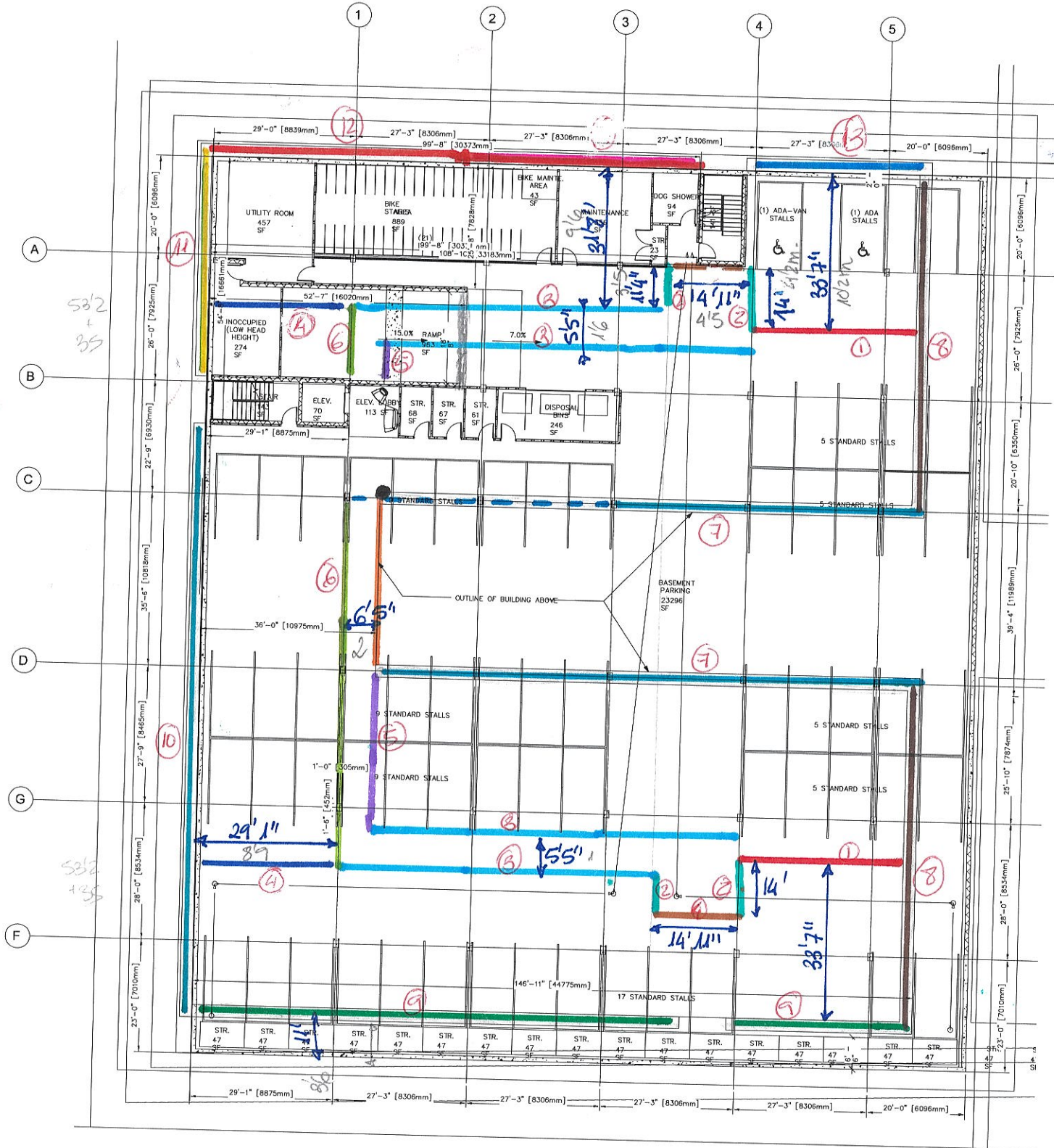
— -1'2" patio & str.

— ± 0'0" first floor level

— 10'0" 2nd floor

embed beam.

DISTRIBUTION OF LOADS FROM THE WOOD FRAMING. (values in table 1)



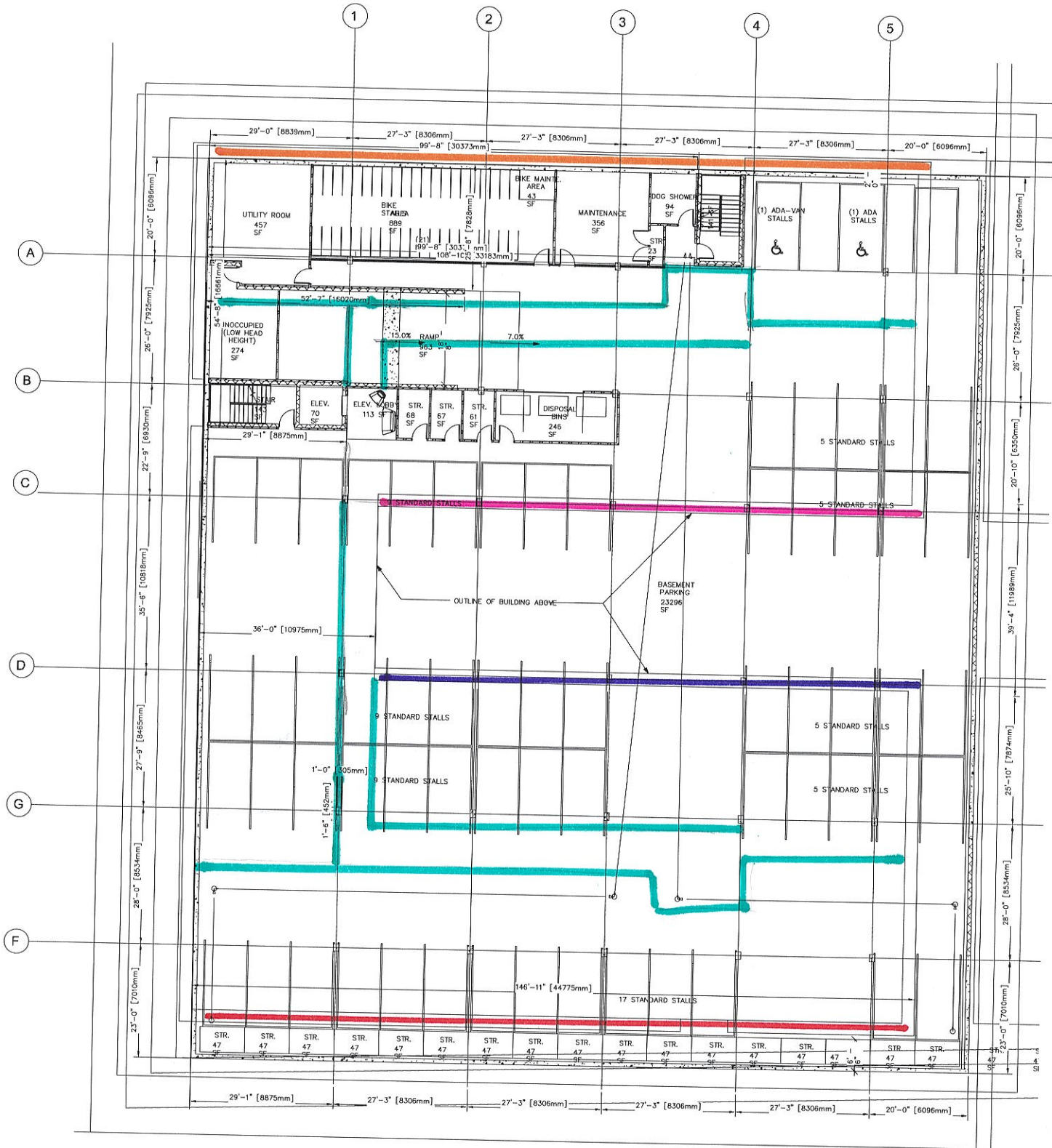
OX RESIDENCES.

Table 1. Dead, Live and Snow loads on 1st floor.

Line	Dead Load kN/m	Live Load kN/m	Snow Load kN/m	Dead Load lb/in	Live Load lb/in	Snow Load lb/in
1	107.6	48.84	29.3	614.41	278.88	167.31
2	23.73	10.77	6.46	135.5	61.5	36.89
3	7.03	26.81	16.09	40.14	153.09	91.88
4	50.63	22.98	13.79	289.1	131.22	78.74
5	10.55	4.79	2.87	60.24	27.35	16.39
6	57.49	26.09	15.66	328.28	148.98	89.42
7	91.3	24.42	14.65	521.34	139.44	83.65
8	7.35			41.97	0	0
9	123.52	33.04	19.82	705.32	188.66	113.18
10	79.66	21.31	12.78	454.87	121.68	72.98
11	7.35			41.97		
12	85.93	22.98	13.79	490.67	131.22	78.74
13	91.3	24.42	14.65	521.34	139.44	83.65

- 33 lb/in ↑
- 155 lb/in ↑
- 134 lb/in ↓
- 199 lb/in ↑
- 90 lb/in ↓

WIND W-E



WIND direction -

WIND N-S

33 lb/in ↑
107 lb/in ↑
100 lb/in ↓

WIND
DIRECTION

