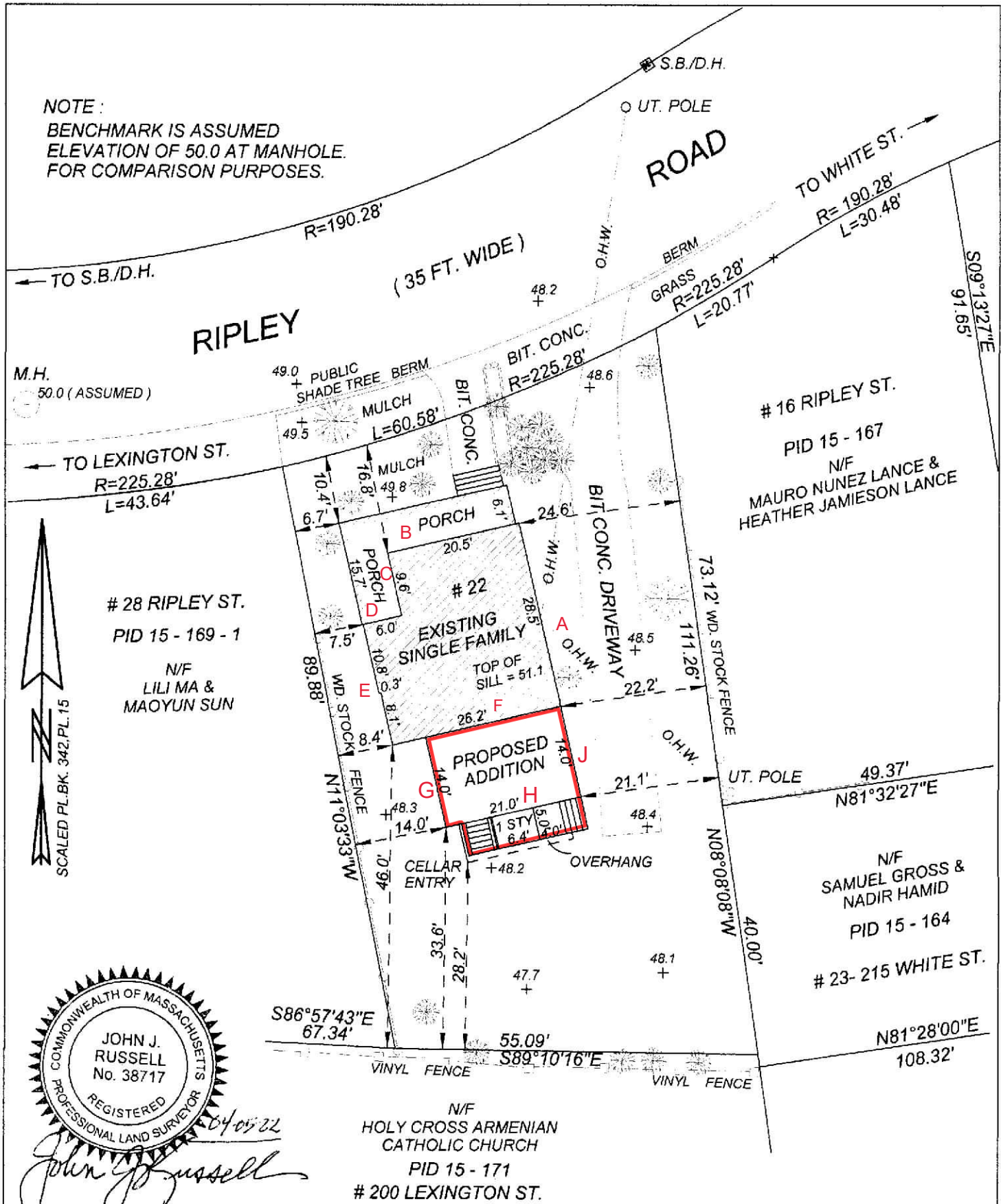


NOTE:
BENCHMARK IS ASSUMED
ELEVATION OF 50.0 AT MANHOLE
FOR COMPARISON PURPOSES.



	REQUIRED	EXISTING	PROPOSED
LOT AREA	5000 S.F.	5542 S.F.	5542 S.F.
LOT FRONTAGE	50 FT.	60.58 FT.	60.58 FT.
LOT AREA / D.U.	3500 SF/D.U.	5542 SF/D.U.	5542 SF/D.U.
LOT COVERAGE	30 %	16.5 %	23.1 %
OPEN SPACE	40 %	58 %	51 %
FRONT SETBACK	20 FT.	10.4 FT.	10.4 FT.
SIDE SETBACK	10 FT.	6.7 FT.	6.7 FT.
REAR SETBACK	20 FT.	46.0 FT.	28.2 FT.
HEIGHT (TOP ROOF)	33 FT.	28.9 FT.	28.9 FT.

AVERAGE EXISTING GROUND ELEVATION = 48.5
TOP OF EXISTING SILL = 51.1
FIRST FLOOR ELEVATION = 52.0
ACCORDING TO F.E.M.A. FLOOD MAP 25017C 0414E, DATED 06/04/2010, THIS PROPERTY IS IN AN AREA OF MINIMAL FLOOD HAZARD.

PLAN SHOWING PROPOSED ADDITION

22 RIPLEY ROAD
BELMONT, MA

OWNED BY
MOHAMED K. A. MOHAMED
& MAHA HASSAN

PID 15 - 168

SCALE : 1" = 20' APRIL 2, 2022

REV. 04-05-22



22 RIPLEY ROAD. BELMONT, MA
6/6/2022

BASEMENT WALL COVERED AREA CALCULATION

	SEGMENT		CEILING ELEVATION	ELEVATION FROM	ELEVATION TO	LENGTH	CEILING HEIGHT	WALL SQ FT	EXPOSED SF	% COVERED
EXISTING	A		51.2	48.4	49	28.5	6.5	185.25	71.25	38%
EXISTING	B		51.2	49	49	20.5	6.5	133.25	45.1	34%
EXISTING	C		51.2	49	48.6	9.6	6.5	62.4	23.04	37%
EXISTING	D		51.2	48.6	48.6	6	6.5	39	15.6	40%
EXISTING	E		51.2	48.6	48.5	18.9	6.5	122.85	50.085	41%
EXISTING	F		51.2	48.5	48.4	26.2	6.5	170.3	72.05	42%
NEW	G		52.7	48.4	48.4	14	8	112	60.2	54%
NEW	H		52.7	48.4	48.4	21	8	168	90.3	54%
NEW	J		52.7	48.4	48.4	14	8	112	60.2	54%
TOTALS:						158.7		1105.05	487.825	

CEILING HEIGHT	6.5 FEET AND 8 FEET
BASEMENT FLOOR ELEVATION	43.1 (NEW) 44.7 (EXISTING)
CEILING ELEVATION	52.7 (NEW) 51.2 (EXISTING)
PERIMETER TOTAL LENGTH	158.7
TOTAL PERIMETER SQ FT	1105.05
EXPOSED SQ FT	487.825
% COVERED	44%