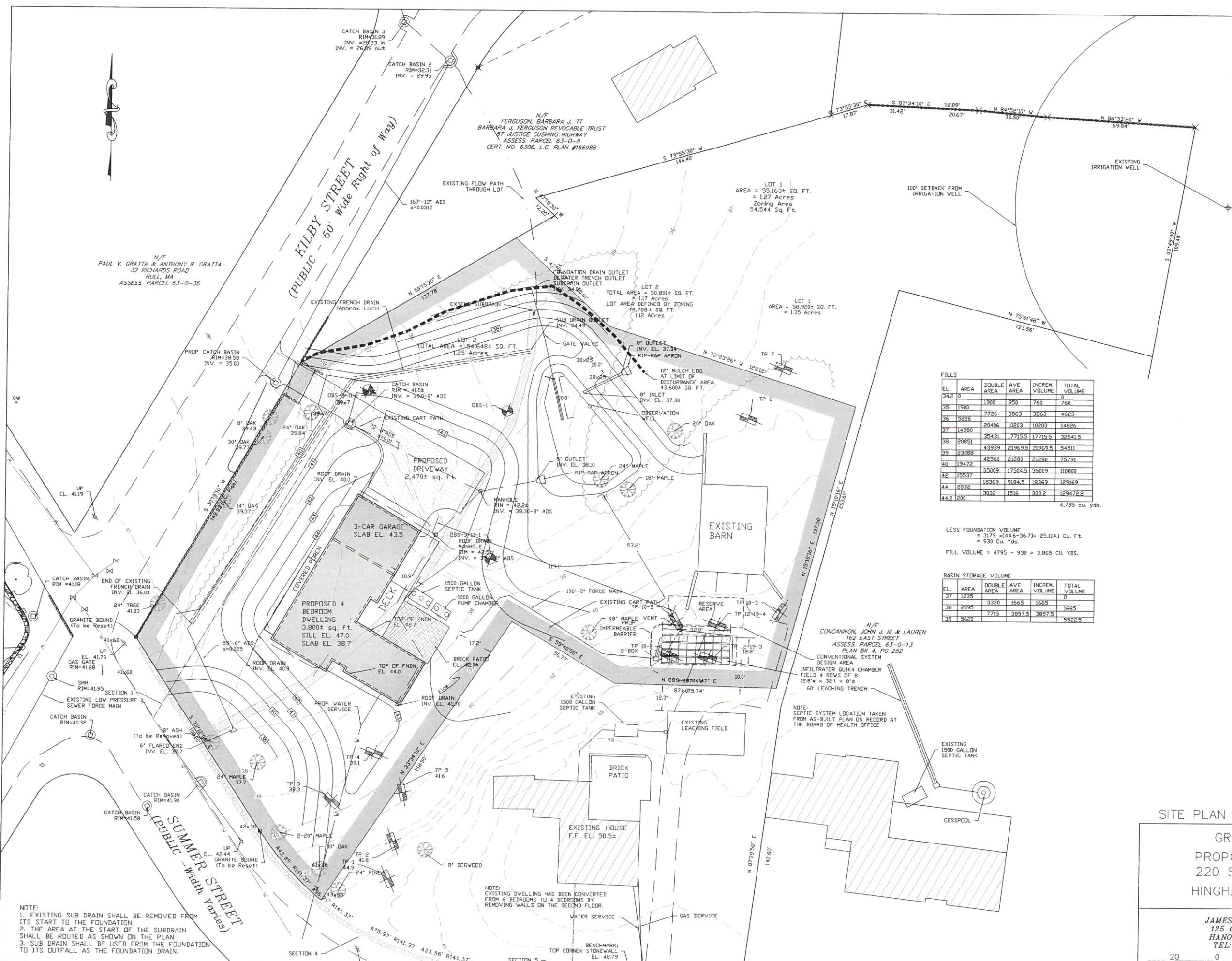


- 1. ELEVATIONS REFER TO NGVD
- 2. BENCH MARK TOP OF WALL
EL. 48.79



FILLS

EL.	AREA	DOUBLE AREA	AVE. AREA	INCRM. VOLUME	TOTAL VOLUME
34.2	0			0	
35	1900	1900	950	760	760
36	5826	7726	3863	3863	4623
37	14580	20406	10203	10203	14826
38	20851	35431	17715.5	17715.5	32541.5
39	23088	43939	21969.5	21969.5	54511
40	19472	42560	21280	21280	75791
42	15537	35009	17504.5	35009	110800
44	2832	18369	9184.5	18369	129169
44.2	200	3032	1516	3032	129472.2
					4,795 cu. yds.

LESS FOUNDATION VOLUME
= 3179 x (44.6 - 36.7) = 25,114.1 Cu. Ft.
= 930 Cu. Yds.

FILL VOLUME = 4795 - 930 = 3,865 CU. YDS.

BASIN STORAGE VOLUME

EL.	AREA	DOUBLE AREA	AVE. AREA	INCRM. VOLUME	TOTAL VOLUME
37	1235			0	
38	2095	3330	1665	1665	1665
39	3620	7715	3857.5	3857.5	5522.5

APPROVED BY THE PLANNING BOARD

DATE APPROVED:

OWNER & APPLICANT
 RYAN P. SILLERY
 CITY POINT CAPITAL
 300 A STREET
 BOSTON, MA 02210
 ASSESS PARCEL No. 64-0-14
 DEED REFERENCE BK 48257, PG 341

LEGEND

- 69 ——— EXISTING CONTOURS
- PROPOSED CONTOURS
- ⊙ OBSERVATION TEST HOLE
- ⊙ PERC TEST HOLE
- STONE WALL
- EXISTING MONUMENTS
- ▼ GROUND WATER LEVEL

SITE PLAN

GRADING PLAN
 PROPOSED DWELLING
 220 Summer Street
 HINGHAM, MA 02043

JAMES ENGINEERING, Inc.
 125 GREAT ROCK ROAD
 HANOVER, MASS. 02339
 TEL: 1-(781) 878-1795

EAST SEPTIC.dwg
 DRAWN: NLJ/ACAD
 CHECKED: G.D.J.

DATE: 03/18/21

SCALE: 1"=20'

SHEET NUMBER: 3 OF 5

NOTE:
 1. EXISTING SUB DRAIN SHALL BE REMOVED FROM ITS START TO THE FOUNDATION.
 2. THE AREA AT THE START OF THE SUBDRAIN SHALL BE ROUTED AS SHOWN ON THE PLAN.
 3. SUB DRAIN SHALL BE USED FROM THE FOUNDATION TO ITS OUTFALL AS THE FOUNDATION DRAIN.

NOTE:
 EXISTING DWELLING HAS BEEN CONVERTED FROM 6 BEDROOMS TO 4 BEDROOMS BY REMOVING WALLS ON THE SECOND FLOOR.

NOTE:
 SEPTIC SYSTEM LOCATION TAKEN FROM AS-BUILT PLAN ON RECORD AT THE BOARD OF HEALTH OFFICE

APRIL 2021 - BUILDING DEPT APPROV