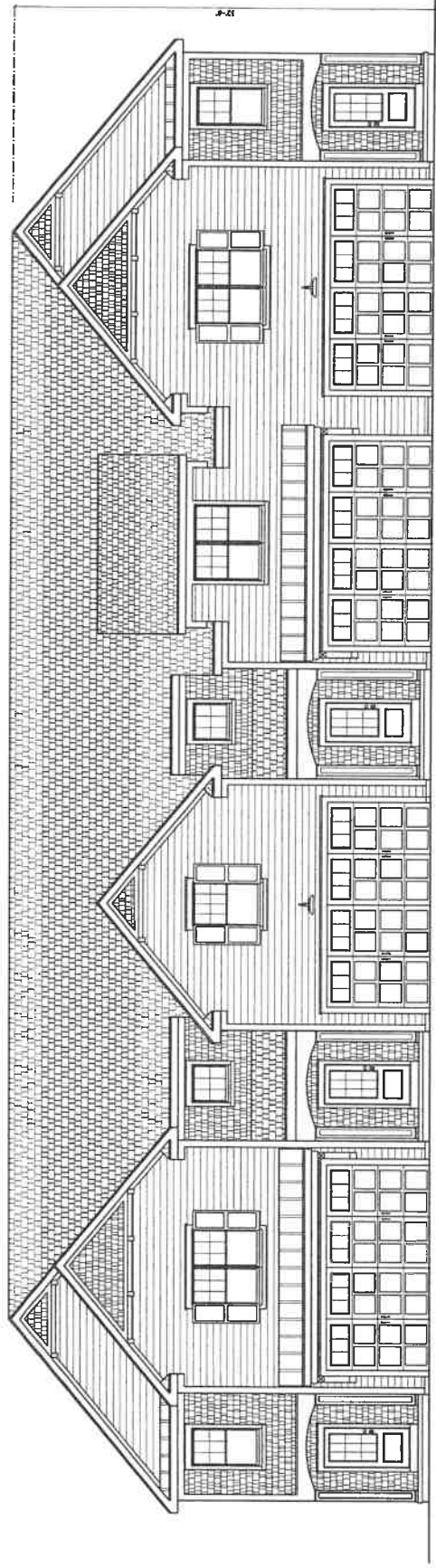
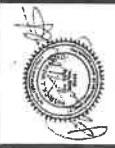


THE RESIDENCES AT DARWIN COMMONS
DARWIN LANE – WALPOLE, MA
APPLICATION FOR COMPREHNSIVE PERMIT
UNDER M.G.L. C. 40B

ZONING BOARD OF APPEALS OF THE TOWN OF WALPOLE
COMPREHENSIVE PERMIT REGULATIONS
AUGUST 30, 2021

SECTION 3.2.7 – PRELIMINARY SCALED ARCHITECTURAL DRAWINGS



AREA: 2046 SQ FT

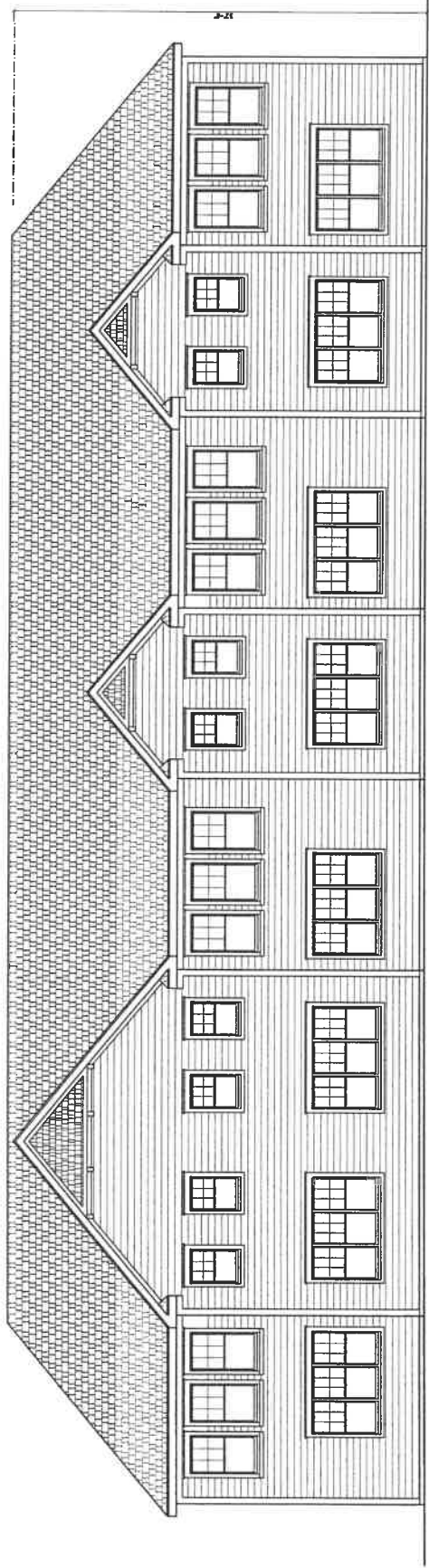
AREA: 1969 SQ FT

AREA: 1969 SQ FT

AREA: 2046 SQ FT

BUILDING INFORMATION AND STATS;
 SIDING: 3" GIP HORIZONTAL PLANK
 TRIM: 1" SHANKSIDE
 WINDOWS: VINYL CLAD
 DOORS: THERMA TRU
 SPANLUX, 30 YEAR ARCHITECTURAL
 BUILDING HEIGHT: 28'-0"

FRONT ELEVATION
 4 UNIT BUILDING



REAR ELEVATION
 4 UNIT BUILDING



FIRST FLOOR PLAN
 AREA: 840 SQ. FT.

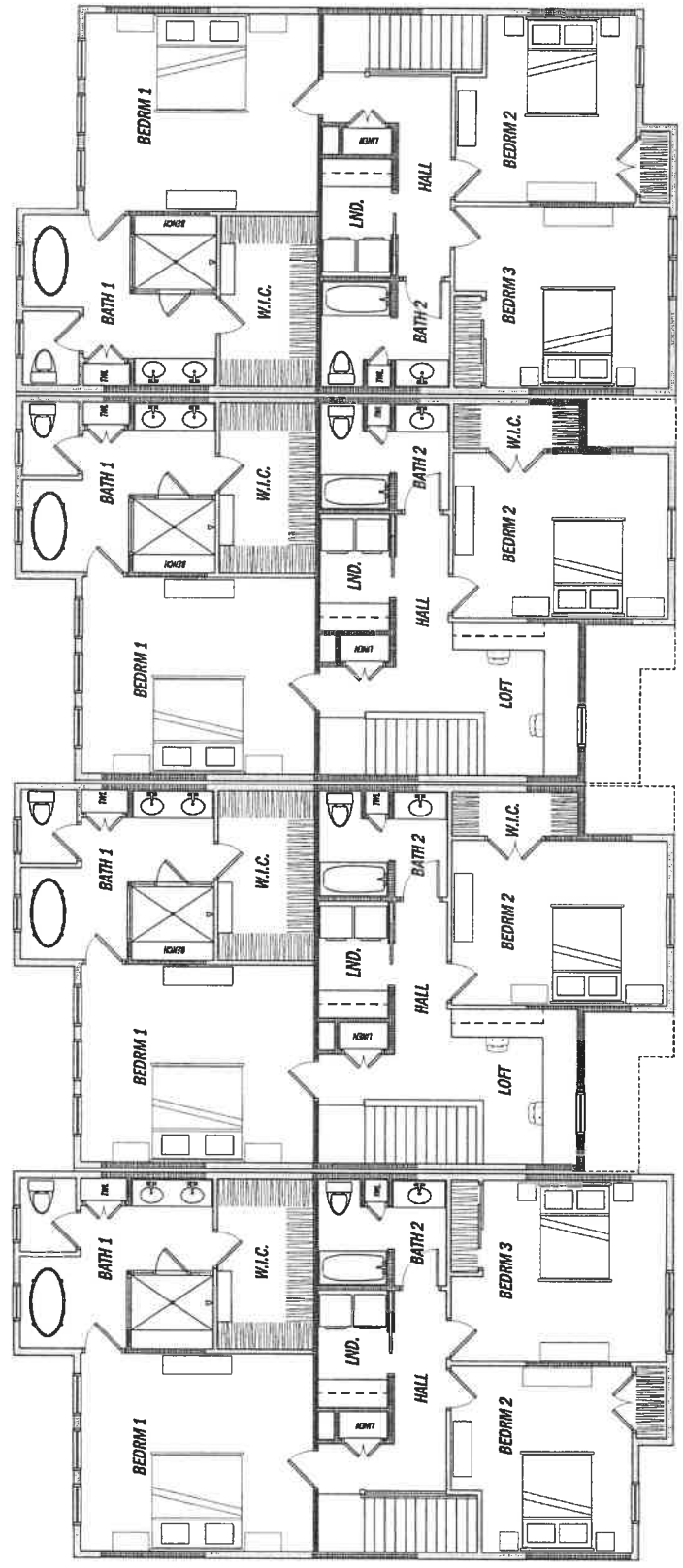
FIRST FLOOR PLAN
 AREA: 840 SQ. FT.

FIRST FLOOR PLAN
 AREA: 840 SQ. FT.

FIRST FLOOR PLAN
 AREA: 840 SQ. FT.

COMPONENT	REQUIRED	PROVIDED
1. PENETRATION U-FACTOR	3	3
2. CEILING R-FACTOR	41	44
3. 1ST & 2ND FLOOR WOOD FRAMED WALL R-VALUE	20 OR R-15	MIN. DENSITY 21 POUND PER CU FT.
4. BASEMENT CONCRETE WALL R-VALUE	15 CONTIGUOUS OR FULL HEIGHT	R-15 CONTIGUOUS FULL HEIGHT
5. FLOOR R-VALUE	30	30

FIRST FLOOR CONCEPT PLAN - 4 UNIT BUILDING



SECOND FLOOR PLAN - A
 AREA: 1206 SQ FT

SECOND FLOOR PLAN - B
 AREA: 1129 SQ FT

SECOND FLOOR PLAN - B
 AREA: 1129 SQ FT

SECOND FLOOR PLAN - A
 AREA: 1206 SQ FT

ENERGY COMPLIANCE DETAILS & PATH
 MEETS OR EXCEEDS PRESCRIPTIVE REQUIREMENTS PER INTERNATIONAL RESIDENTIAL CODE

COMPONENT	REQUIRED	PROVIDED
1. PENETRATION U-FACTOR	5	5
2. CEILING R-FACTOR	44	44
3. BT 1 2ND FLOOR WOOD FRAMED WALL R-VALUE	30 OR 25*	HIGH DENSITY 2" XUANP 2515
4. MAJORIT CONCRETE WALL R-VALUE	15 CONTINUOUS OR FULL HEIGHT	R-18 CONTINUOUS FULL HEIGHT
5. FLOOR R-VALUE	50	50

SECOND FLOOR CONCEPT PLANS - 4 UNIT BUILDING