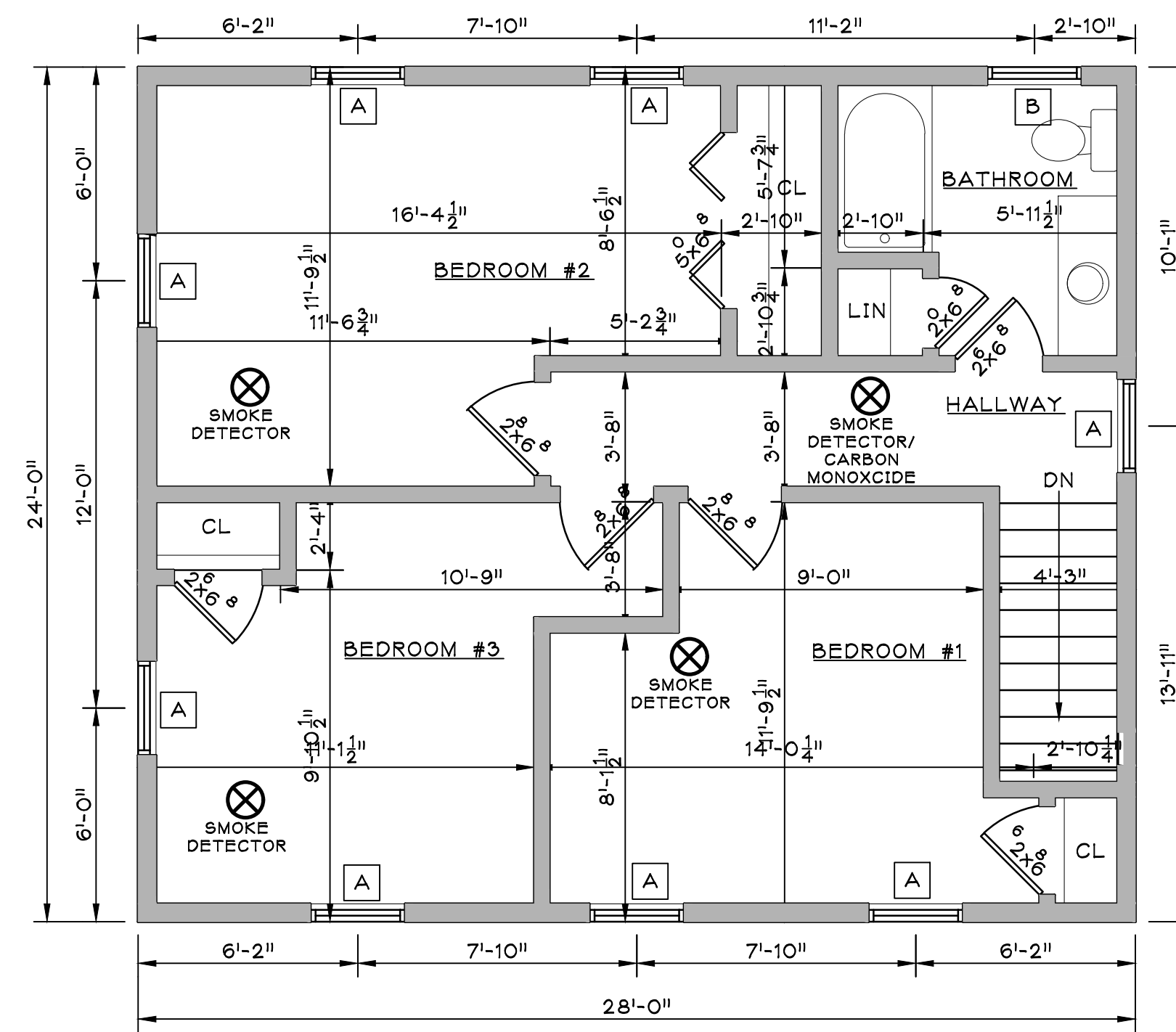
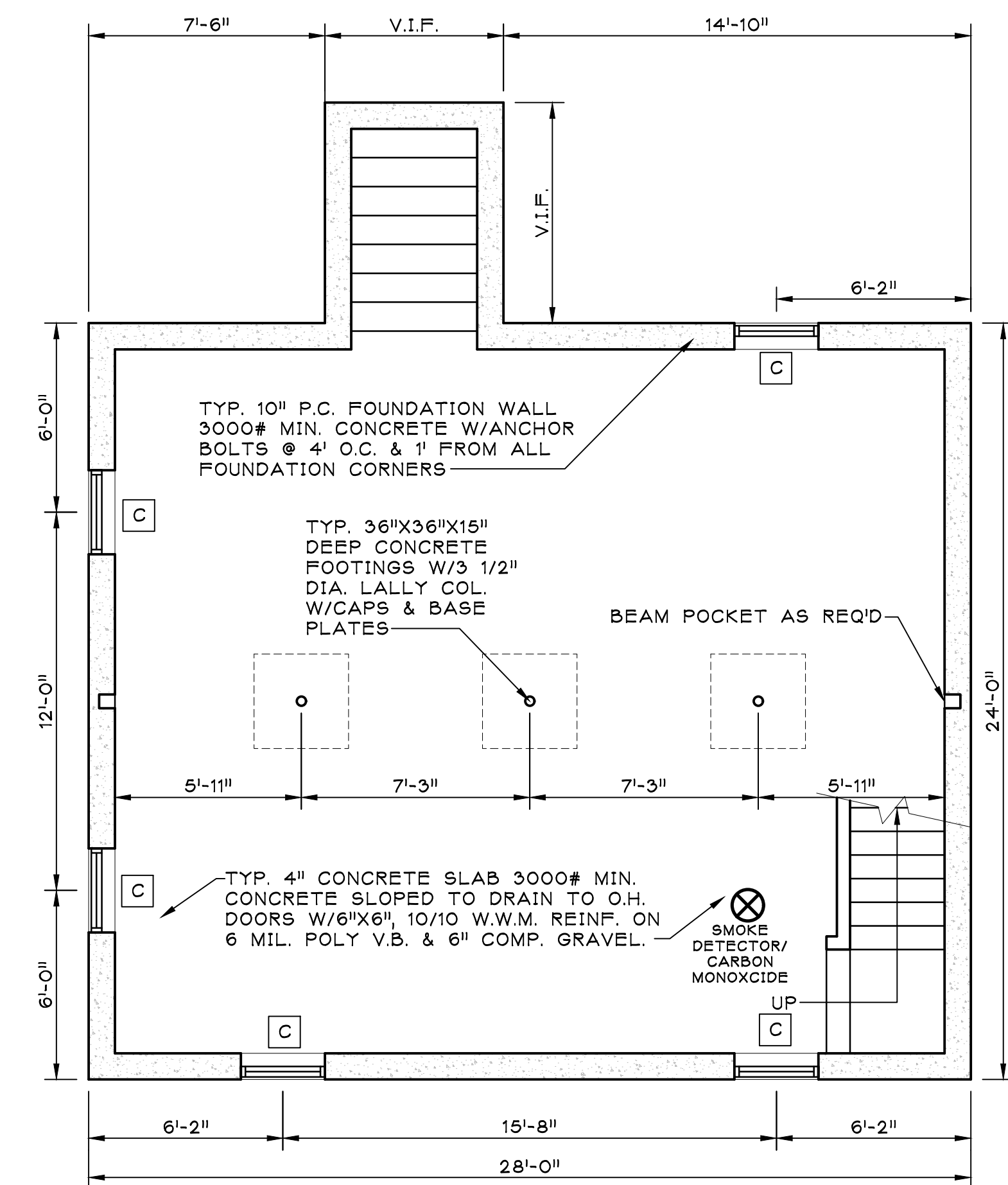


**1 FIRST FLOOR PLAN**  
A-1 SCALE: 1/4"=1'-0"



**2 SECOND FLOOR PLAN**  
A-1 SCALE: 1/4"=1'-0"



**3 FOUNDATION PLAN**  
A-1 SCALE: 1/4"=1'-0"

**GENERAL NOTES**

1. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE MASS STATE BUILDING CODE AND LOCAL AUTHORITIES.
2. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS IN THE FIELD, AND BUILD STRUCTURE ACCORDING TO THE CONSTRUCTION DRAWINGS.
3. CONTRACTOR TO VERIFY ALL JOIST SIZES AND SPACING AND ALL BEAM DESIGNS WITH LOCAL CODES, CONDITIONS AND TYPE OF GRADE OF LUMBER.
4. DOUBLE FLOOR JOIST UNDER ALL PARTITIONS PARALLEL TO JOIST SPANS.
5. PROVIDE "X" BRIDGING AT 8'-0" O.C. MAX FOR FLOOR JOISTS AND SOLID BRIDGING ABOVE BEAMS AND WHERE NOTED.
6. ALL HEADERS TO BE DOUBLE 2x8'S MINIMUM UNLESS OTHERWISE NOTED.
7. DESIGN LIVE LOADS - ROOF = 40 P.S.F. FLOOR = 30 P.S.F. PER MASS STATE BUILDING CODE.
8. STEEL JOIST HANGERS ARE REQUIRED AT ANY AND ALL FLUSH FRAMING. (INSTALL ACCORDING TO MANUFACTURERS SPECIFICATIONS)
9. PROVIDE COLLAR TIES AT UPPER 1/3 OF VERTICAL DISTANCE BETWEEN RIDGE BOARD AND CEILING JOISTS. (COLLAR TIES TO BE AT A SPACING OF 16" O.C. MAX.)
10. 2-2x6 WOOD SILLS TO HAVE CONTINUOUS SILL SEALER, GROUTED AND ANCHORED TO FOUNDATION WALL WITH 1/2" DIA ANCHOR BOLTS 12" LONG AT 4'-0" O.C. MAX.
11. ALL STRUCTURAL STEEL TO BE A-36 Fy=36,000 P.S.I.
12. ALL FRAMING LUMBER SHALL BE CONSTRUCTION GRADE:  
HEM/FIR #2 FW = 1,050 P.S.I., E = 1,500,000 OR  
SPRUCE/PINE/FIR #1 FW = 1,200 P.S.I., E = 1,400,000
13. CONTRACTOR SHALL USE EXTREME CARE IN LOCATING, PROTECTING AND RELOCATING ANY AND ALL UTILITIES ASSOCIATED WITH THE PROPOSED PROJECT IN ACCORDANCE WITH THE OWNER AND DESIGNATED UTILITIES REPRESENTATIVE DIRECTIVES.
14. OWNER IS RESPONSIBLE FOR FINAL SELECTION OF ALL WINDOW AND DOOR TYPES HARDWARE, MECHANICAL, ELECTRICAL SYSTEMS AND INTERIOR/EXT.

WINDOW SCHEDULE		
ANDERSON A-SERIES WINDOWS OR SIMILAR		
A	2'-8" x 4'-9"	DOUBLE HUNG
B	2'-8" x 3'-0"	DOUBLE HUNG
C	2'-8" x 1'-7"	BASMENT

ENERGY DESIGN BASED ON CHAPTER 4  
PRESCRIPTIVE ENVELOPE COMPONENT CRITERIA  
ADDITIONS TO EXISTING LOW-RISE RESIDENTIAL  
BUILDINGS TABLE 402.1.1

MAXIMUM			MINIMUM		
PENETRATION U-VALUE	CEILING R-VALUE	WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB PERIMETER R-VALUE AND DEPTH
.32	R-38	R-20	R-30	R-15/19	R-10, 2 FT.

R-49 CEILING INSULATION MAY BE USED IN PLACE OF R-49 IF THE INSULATION ACHIEVES THE FULL R-VALUE OVER THE ENTIRE CEILING AREA (I.E.- NOT COMPRESSED OVER EXTERIOR WALLS, AND INCLUDING ANY ACCESS OPENINGS).  
**(R-30C IS REQUIRED FOR THESE AREAS.)**