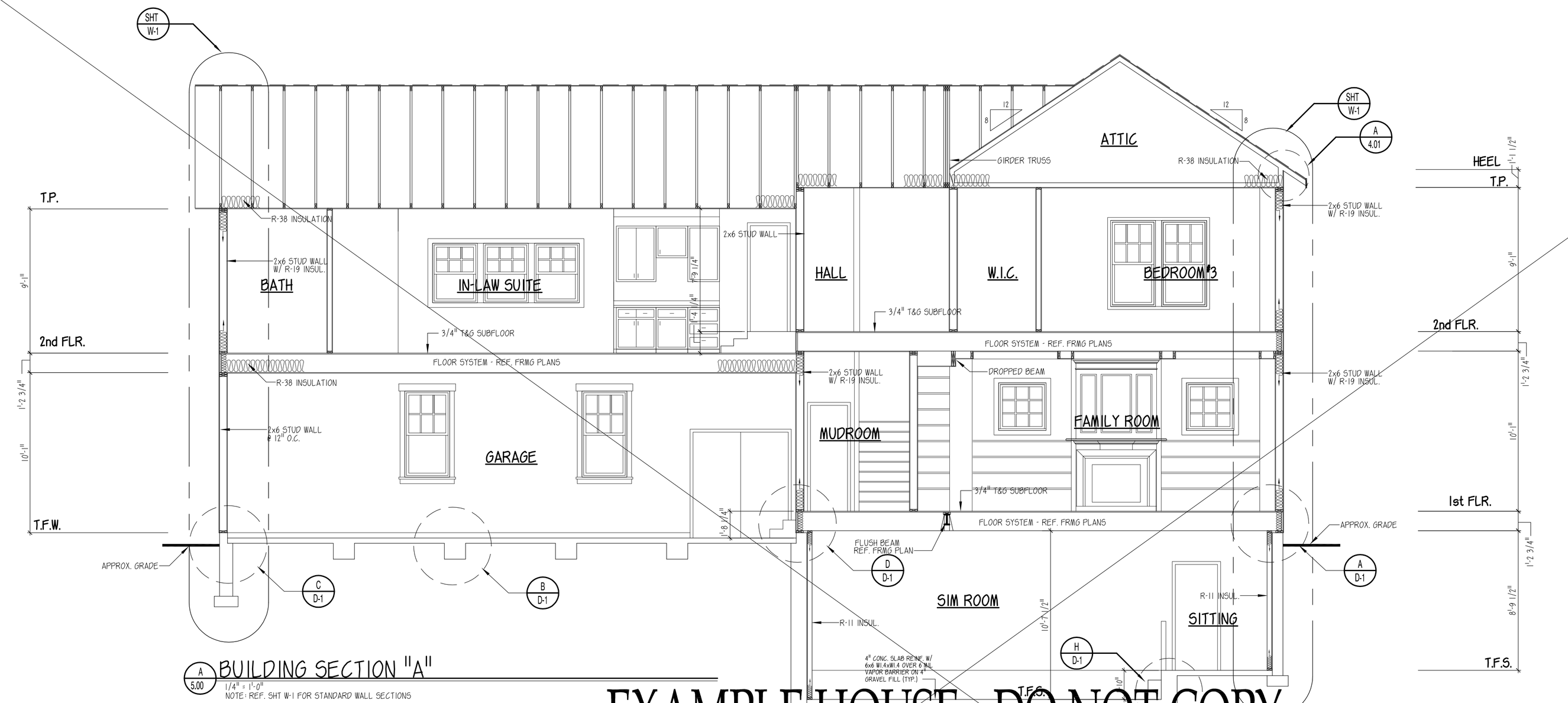
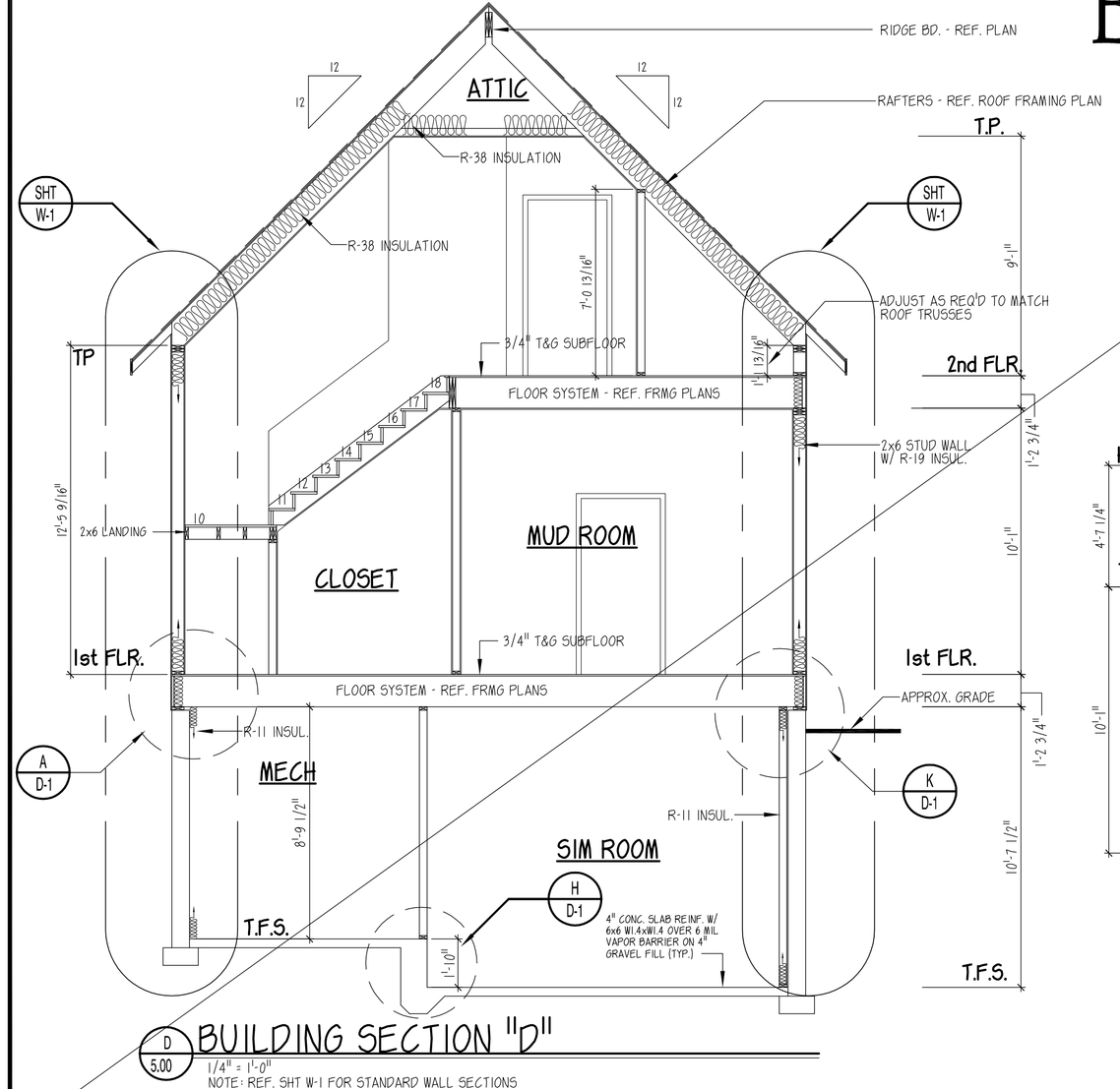
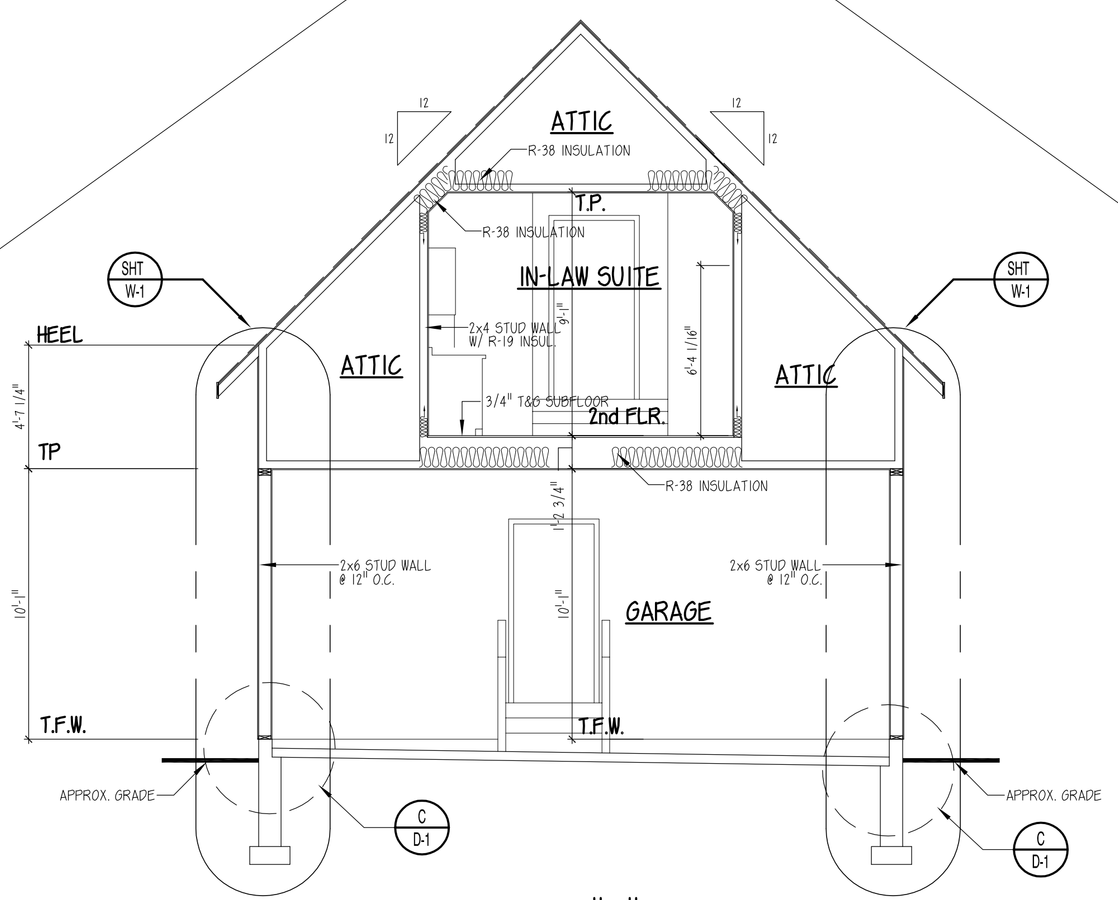
EXAMPLE HOUSE - DO NOT COPY



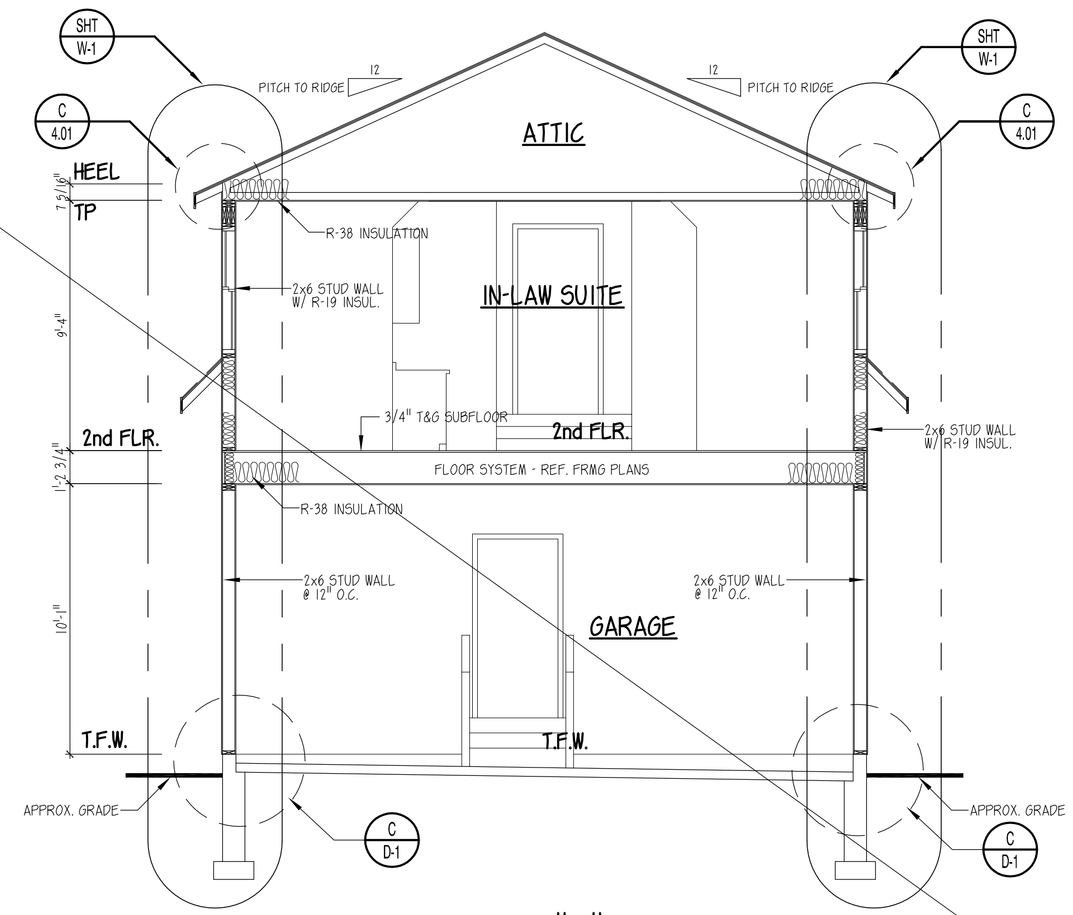
A 5.00 BUILDING SECTION "A"
1/4" = 1'-0"
NOTE: REF. SHT W-1 FOR STANDARD WALL SECTIONS



D 5.00 BUILDING SECTION "D"
1/4" = 1'-0"
NOTE: REF. SHT W-1 FOR STANDARD WALL SECTIONS



B 5.00 BUILDING SECTION "B"
1/4" = 1'-0"
NOTE: REF. SHT W-1 FOR STANDARD WALL SECTIONS



C 5.00 BUILDING SECTION "C"
1/4" = 1'-0"
NOTE: REF. SHT W-1 FOR STANDARD WALL SECTIONS

IMPORTANT - PLEASE READ BEFORE CONSTRUCTION

Section Notes

HOUSE SHALL BE BUILT IN ACCORDANCE W/ 2006 IRC

1. REF. ROOF TRUSS PROFILES FOR ALL ROOF OVERHANGS AND HEEL HTS.
2. REF. STANDARD WALL SECTION FOR TYPICAL WALL ASSEMBLY
3. REF. STANDARD FOUNDATION DETAILS FOR MORE INFORMATION
4. ALL EXTERIOR WALLS AND INTERIOR BEARING WALLS SHALL BE 16" O.C.
5. ALL WALLS OVER 9'-4" TALL SHALL BE MIN. 2x6 STUDS WALLS @ 16" O.C. OR 2x4 STUD WALLS @ 12" O.C. FOR FULL HT. (BALLOON FRAMING) W/ BLOCKING EVERY 6'-0" O.C. VERT.

THERMAL RESISTANCE (R-VALUES)

EXTERIOR WALL 2x4 STUD WALL CONSTRUCTION	SIDING CONDITION		
	1/2" SHEATHING		1.76
	R-13 BATT. INSULATION		13.00
	1/2" GYPSUM BOARD		0.45
	AIR FILM (EXTERIOR)		0.17
	TOTAL		15.38
	BRICK VENEER CONDITION		
	1/2" SHEATHING		1.76
	R-13 BATT. INSULATION		13.00
	1/2" GYPSUM BOARD		0.45
	AIR FILM (EXTERIOR)		0.17
	BRICK VENEER		0.70
	AIR SPACE		1.35
	TOTAL		17.43
EXTERIOR WALL 2x6 STUD WALL CONSTRUCTION	SIDING CONDITION		
	1/2" SHEATHING		1.76
	R-19 BATT. INSULATION		19.00
	1/2" GYPSUM BOARD		0.45
	AIR FILM (EXTERIOR)		0.17
	TOTAL		21.38
	BRICK VENEER CONDITION		
	1/2" SHEATHING		1.76
	R-19 BATT. INSULATION		19.00
	1/2" GYPSUM BOARD		0.45
	AIR FILM (EXTERIOR)		0.17
	BRICK VENEER		0.70
	AIR SPACE		1.35
	TOTAL		23.43
FOUNDATION WALL	8" CONC. WALL CONDITION		
	8" MIN. POURED CONC. WALL		0.88
	R-11 BATT. INSULATION		11.00
	TOTAL		11.88
	10" CONC. WALL CONDITION		
	8" MIN. POURED CONC. WALL		1.10
	R-11 BATT. INSULATION		11.00
	TOTAL		12.10
	12" CONC. WALL CONDITION		
	8" MIN. POURED CONC. WALL		1.32
	R-11 BATT. INSULATION		11.00
	TOTAL		12.32
OTHER COMPONENTS	ROOF OR FLOOR CANTILEVER		
	R-38 BATT. INSULATION		38.00
	1/2" GYPSUM BOARD		0.45
	AIR FILM (EXTERIOR)		0.68
	TOTAL		39.13
	FLOOR SANDWICH		
	R-19 BATT. INSULATION		19.00
	BAND BOARD		REF. PLAN
	TOTAL		19.00 MIN.

REVISIONS

DRAFTER:	
DATE:	
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DATE:	
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the Smith Residence
BUILDING SECTIONS

DRAFTER:	K.V.
DATE:	6/11/08
FILE NAME:	
CLIENT:	
NOTES:	

SHEET
5.00